Yahoo Group Archive: TS-850_450_690 (2006 — 2009)

Yahoo Group summary: Kenwood TS-850_450_690

These Yahoo Groups messages were archived in WARC format by ArchiveTeam in 2017. This PDF was generated by Digital Library of Amateur Radio & Communications from the WARC files in 2026.

Date span: 2006-01-02 through 2009-12-30

Source WARC: ts-850_450_690.3kno5xn.warc.gz

Source item: https://archive.org/details/yahoo-groups-2017-01-01T22-16-07Z-0c2eff

Messages included in this PDF: 4363

Message records with no body available in the source archive: 1

Messages omitted as spam from this PDF: 5

Yahoo replaced the domain portions of email addresses with @... in the archived messages. Characters lost in Yahoo's archived text appear as ?.

Messages are presented in ascending Yahoo message-ID order. Gaps indicate records absent from the source WARC or messages omitted from this PDF as spam.

4153. 850sat : problem with M.ch/Vfo.ch knob

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-01-02 15:05:10 UTC
From: Allan
Topic: 4153 Message: 4153

Hi all,

On my 850sat, the M.ch/Vfo.ch knob don't work good. Sometimes frequency change, sometimes not.
I clean it with special connection spray-can but that don't stop the problem.

Which sort of potentiometer can I use for remplace it ?

Many thanks for your help,

Happy new year at all,

Regards

Allan

4154. Re: [TS-850_450_690] 850sat : problem with M.ch/Vfo.ch knob

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-01-02 17:15:20 UTC
From: Zack Widup
Topic: 4153 Message: 4154

It is a digital encoder. I'd recommend replacing it with the original part, Kenwood part number W02-1660-05 I believe. (Let me double-check that.)

73, zack W9SZ

On Mon, 2 Jan 2006, Allan wrote:

>
> Hi all,
>
> On my 850sat, the M.ch/Vfo.ch knob don't work good. Sometimes frequency
> change, sometimes not.
> I clean it with special connection spray-can but that don't stop the
> problem.
>
> Which sort of potentiometer can I use for remplace it ?
>
> Many thanks for your help,
>
> Happy new year at all,
>
> Regards
>
> Allan
>

4155. TS-850SAT doesn't return to RECEIVE

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-01-02 18:09:07 UTC
From: Jose V. Gavila
Topic: 4155 Message: 4155

Happy 2006 to all of you!

Well, I am having some troubles with a TS-850S and wonder it it is a common fault and/or you can give me some advice... When it is about 30 minutes powered, most of the times after transmitting it does not receive. It stops transmitting but there is no audio coming from the speaker. Pressing PTT again sometimes gets back reception.

Any clue?

Thanks and best regards,

JOSE
---
73 EB5AGV / EC5AAU - JOSE V. GAVILA
La Canyada - Valencia (SPAIN) - Loc: IM99SM

Vintage Radio: http://jvgavila.com
Vintage Test Equipment: http://jvgavila.com/testeq.htm
European Boatanchors List: http://groups.yahoo.com/group/euro_ba_swap

4156. Re: 850S/AT squealing tuner

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-01-03 03:21:33 UTC
From: k6htm
Topic: 4144 Message: 4156

Squeaky gears. Get a Teflon spray lubricant at Lowe's or equiv. and spray behind the plastic gears that are practically touching the tuner's case. You will have to lift the tuner out of the rig to remove more covers to get to the gears, sort of. Use the supplied straw to apply. Don't lose the screws and don't use WD-40. -- Charlie K6HTM

--- In TS-850_450_690@yahoogroups.com, "Scarlett" <nx7u@c...> wrote:
>
> My not-so-often used 850S/AT is squealing mightily when I use the
> tuner. Sounds like simple lubrication will do the trick...is there a
> 'known' lube regimen or am I better off sending it to the shop? Or is
> it something else?
> TIA,
> Scott NX7U
>

4157. Re: [TS-850_450_690] Re: 850S/AT squealing tuner

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-01-03 11:56:22 UTC
From: Frank
Topic: 4144 Message: 4157

Hi
Yes thats the problem I had with my TS-850 but after some spraying it´s fine now.
But another question comes to mind.. I did remove the 2 pots in order to get access to the plastic gears. Thats all fine and they needed some cleaning too , after putting it together again it seems to work Ok in auto and manual mode ,but maybe the pots should be installed in a certain position with respect to the capacitor gearing. example ..min capacitor pos should
be at min pot-resistance pos..or something.
I guess the pots are encoders for the CPU.
Anyone knows if there is a specific procedure for reinstalling the pots ?

Thanks
Frank

----- Original Message -----
From: "k6htm" <k6htm@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Tuesday, January 03, 2006 4:21 AM
Subject: [TS-850_450_690] Re: 850S/AT squealing tuner

> Squeaky gears. Get a Teflon spray lubricant at Lowe's or equiv. and
> spray behind the plastic gears that are practically touching the
> tuner's case. You will have to lift the tuner out of the rig to
> remove more covers to get to the gears, sort of. Use the supplied
> straw to apply. Don't lose the screws and don't use WD-40. -- Charlie
> K6HTM
>
>
> --- In TS-850_450_690@yahoogroups.com, "Scarlett" <nx7u@c...> wrote:
> >
> > My not-so-often used 850S/AT is squealing mightily when I use the
> > tuner. Sounds like simple lubrication will do the trick...is there a
> > 'known' lube regimen or am I better off sending it to the shop? Or is
> > it something else?
> > TIA,
> > Scott NX7U
> >
>

4158. tuner range with MARS mod

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-01-04 03:11:00 UTC
From: Bruce Sawtelle
Topic: 4158 Message: 4158

Now that I've opened up transmit for MARS operation, does anyone know what the "new" band edges are for the preset autotuner positions? How many positions does it retain and what the band "edges"?

tnx es 73

Bruce - W3NJ

4159. Re: tuner range with MARS mod

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-01-04 20:53:58 UTC
From: n5kzw
Topic: 4158 Message: 4159

Hi, Bruce. I'm trying to remember what I saw when I was working on my 450 tuner earlier this year. I think that the tuner re-tuned about every 3 MHz at the lower frequencies, moving to wider spacing as you tuned up the bands. I believe that the tuner range is continuous, and that it will try to tune any signal you give it. The band switch input is just used for a starting point, I think.

Regards,
Ed

--- In TS-850_450_690@yahoogroups.com, "Bruce Sawtelle" <W3NJ@a...> wrote:
>
> Now that I've opened up transmit for MARS operation, does anyone know
> what the "new" band edges are for the preset autotuner positions? How
> many positions does it retain and what the band "edges"?
>
> tnx es 73
>
> Bruce - W3NJ
>

4160. Re: tuner range with MARS mod

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-01-04 21:51:59 UTC
From: max_ve3tmt
Topic: 4158 Message: 4160

--- In TS-850_450_690@yahoogroups.com, "n5kzw" <n5kzw@a...> wrote:
>
> Hi, Bruce. I'm trying to remember what I saw when I was working on my
> 450 tuner earlier this year. I think that the tuner re-tuned about
> every 3 MHz at the lower frequencies, moving to wider spacing as you
> tuned up the bands. I believe that the tuner range is continuous, and
> that it will try to tune any signal you give it. The band switch
> input is just used for a starting point, I think.
>
> Regards,
> Ed

I think the tuning range depends on the band. It will not have to retune as often on the higher bands as the swr bandwidths are generally wider as you go up in freuency. On 80m for example if I tune my dipole to 3.740, the tuner will automatically retune if I tune the VFO below 3.600, whereas I can tune through the entire 10m band without so much as a squeak. The tuner in my 850 has tuned anything I have thrown at it.

Max VE3TMT

4161. SM-230 Monitor For Sale $600.00 Canadian

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-01-05 21:39:08 UTC
From: max_ve3tmt
Topic: 4161 Message: 4161

If anyone is interested, there is a fellow VE ham listing an SM230 for sale for $600 Canadian, approximately $540 US. I think the normally go for much more than this.

The link is :

http://www.va3wm.haybay.net/class/classifieds.cgi?search_and_display_db_button=on&db_id=11942&exact_match=on&photo_size=full

I would buy it buy I have a scope.

Just thought someone might be interested.

Max

4162. ACC2 PLUG

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-01-06 02:03:15 UTC
From: Russell Blair
Topic: 4162 Message: 4162

Now that I have the ACC2 plugs, and looking in the book to connect up the sound card to the plug it looks like for (AFSK) from the sound card output is on pins 3&4 labled as (AF INPUT)and the rec audio to the radio labled (Moduration output)is on pins 11&12.
Oh my radio is a TS-450S, Now do I still need the 100:1 pad from the sound card output to the input to the radio as needed when I was using the mic as the radio input. Can any one tell if this wright or do I have all this backwords. It kinda hard to tell from the drawing in the book because all of the arrows point out from the radio.

Russell

_____
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4163. Re: ACC2 PLUG

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-01-06 02:43:59 UTC
From: max_ve3tmt
Topic: 4162 Message: 4163

Russell,

Connect your sound card output to pins 11 (MOD) and 12 (GND).

Connect your sound card input to pins 3 (ANO) and 4 (GND).

There are 2 PTT pins. If you ground pin 13 it keys the radio, but the mic input on the front is still hot, causing any noises picked up while transmitting will also be heard. If you ground pin 9, it keys the rig but mutes the mic audio line front the mic jack.

The input stages are almost identical so I would keep the input attenuation the same. Any slight level differences can be taken care of with the level controls on your sound card software. If you develop feedback or RF on your signal you may need to use an isolation transformer in the TX audio line, the one coming from your sound card output. This is where a RigBlaster makes the job easy.

Good luck, if you have any questions, e-mail off the board, max_ve3tmt@...

4164. 850 Output Problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-01-06 18:24:07 UTC
From: Daniel Hileman
Topic: 4164 Message: 4164

Hi Everyone,

I have a Kenwood TS-850SAT, which I LOVE!!! The issue I am having is that when I start to transmit, the power goes from the normal 100watt output down to nothing on the output. If I stayed keyed up, usually the power comes back up and operates fine...sometimes it does the same thing. I have checked all connections, they seem fine. There is NO SWR issue cuz I have been watching it. I thought maybe it draws a certain amount of current and the PS folds, but I dont know. The PS seems to run my other 100watt rig fine. I dont think it's RF gettting into the rig but anything is possible. I need to take it out to the truck and put it on a battery and see if that solves the problem but it's been too cold, hi hi. Anyone have this problem before? Anyone have suggestions?

Thanks and 73,
Daniel Hileman N9WX

Yahoo! Photos
Ring in the New Year with Photo Calendars. Add photos, events, holidays, whatever.

[Non-text portions of this message have been removed]

4165. Re: 850 Output Problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-01-06 19:16:39 UTC
From: max_ve3tmt
Topic: 4164 Message: 4165

Dan,

What range of power flucuation are you experiencing? There is a fix
for the dc-dc converter board which fixes this problem on a small scale.

Max

see here: http://www.mods.dk/view.php?ArticleId=2735

4166. Re: 850 Output Problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-01-07 00:21:35 UTC
From: Richard Ferch
Topic: 4164 Message: 4166

My 850 had a less severe version of this problem. Every few seconds the ALC voltage would suddenly spike up and then recover. The radio's power output dropped in sunc with the ALC spike.

I fixed it by tacking a 47K 1/8 watt resistor across each of R2 and R3 on the DC-to-DC board (X59-1100-00) which is a very small (about 1 cm x 3 cm) board that stands vertically near the inner end of the B/4 RF board that is visible from above the radio with the top off, near the front left corner of the radio. You have to unplug three connectors from the B/4 board, then remove the 4 screws and carefully slide the board out the left side of the radio, out from under all the cable harnesses and ribbon cable. Once the B/4 board is removed, you should be able to get access to the front of the DC-to-DC board without removing it from the B/4 board.

Actually, instead of tacking the resistors directly across R2 and R3, what I did was tack one end of one resistor to the bottom end of R2, and one end of the other resistor to the right end of R3. I then tacked the free ends of both resistors to the top end of R1, at the top left corner of the DC-to-DC board. An ohmmeter across each 47K resistor now reads 15K, verifying that they are indeed parallel with the 22K resistors on the board. I found an extra pair of hands very helpful - luckily my daughter was at home and willing to help!

This mod seems to have cured the fluctuation problem so far.

You can read more about the problem at http://www.qsl.net/k0bx/ (click on TS-850 ALC/TX Problem) and at http://n6tr.jzap.com/850repair.html (look down the page for ALC Voltage Problem).

73,
Rich VE3IAY

--- In TS-850_450_690@yahoogroups.com, Daniel Hileman <n9wx_dan@y...> wrote:
>
> Hi Everyone,
>
> I have a Kenwood TS-850SAT, which I LOVE!!! The issue I am having is that when I start to transmit, the power goes from the normal 100watt output down to nothing on the output. If I stayed keyed up, usually the power comes back up and operates fine...sometimes it does the same thing. I have checked all connections, they seem fine. There is NO SWR issue cuz I have been watching it. I thought maybe it draws a certain amount of current and

the PS folds, but I dont know. The PS seems to run my other 100watt rig fine. I dont think it's RF gettting into the rig but anything is possible. I need to take it out to the truck and put it on a battery and see if that solves the problem but it's been too cold, hi hi. Anyone have this problem before? Anyone have suggestions?
>
> Thanks and 73,
> Daniel Hileman N9WX
>
>
> ---
> Yahoo! Photos
> Ring in the New Year with Photo Calendars. Add photos, events, holidays, whatever.
>
> [Non-text portions of this message have been removed]
>

4167. Compair the RigBlaster to the MFJ Super Sound card interface units

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-01-07 03:17:22 UTC
From: Russell Blair
Topic: 4167 Message: 4167

Is anyone using the MFJ-1275/M/T or the MFJ-1279 Super
card-to-Rig interface. Any compairson between the MFJ
and the RigBlaster units.

Russell

_____
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dsl.yahoo.com

4168. Re: [TS-850_450_690] Compair the RigBlaster to the MFJ Super Sound card interface units

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-01-07 03:52:14 UTC
From: ve3wej
Topic: 4167 Message: 4168

I was using the mfj 1275 (sitting on shelf now), but picked up another style currently in use (might be a rascal, but not sure), anyway I will NOT use a rigblaster. Already blew one computer from overdriving the audio with no transformer isolation.. which the mfj and the brand x I am currently using both have. The rigblaster only had isolating on the mic audio side...

The only diadvantage was that the mfj did not allow for speakers to run WHILE operating......at least not that I found

my interface is wired to the 13 pin accessory jacks on the rear of both my 850 and 790 Kenwoods, and I flip a switch to go between them.

Ve3wej/Ve3ie
Dave Garber
----- Original Message -----
From: Russell Blair
To: TS-850_450_690@yahoogroups.com
Sent: Friday, January 06, 2006 10:17 PM
Subject: [TS-850_450_690] Compair the RigBlaster to the MFJ Super Sound card interface units

Is anyone using the MFJ-1275/M/T or the MFJ-1279 Super
card-to-Rig interface. Any compairson between the MFJ
and the RigBlaster units.

Russell

_____
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TS-850_450_690-unsubscribe@yahoogroups.com

c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

No virus found in this incoming message.
Checked by AVG Free Edition.
Version: 7.1.371 / Virus Database: 267.14.14/222 - Release Date: 05/01/2006

[Non-text portions of this message have been removed]

4169. Re: Compair the RigBlaster to the MFJ Super Sound card interface units

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-01-07 15:48:55 UTC
From: max_ve3tmt
Topic: 4167 Message: 4169

--- In TS-850_450_690@yahoogroups.com, "ve3wej" <ve3wej@c...> wrote:

Already blew one computer from overdriving the audio with no transformer isolation.. which the mfj and the brand x I am currently using both have. The rigblaster only had isolating on the mic audio side...

Dave,

I am confused by your statement. How do you blow a computer from overdriving the audio? I agree the RigBlaster only uses an isolation transformer on the TX side, which is really all you need. Any introduction of hum or ground loops on the receive side would be a result of something not wired properly in the shack. At the very most the rigblaster will only put into your computer what comes in from the radio. We are talking very low audio levels and at the most I would think your sound card would suffer the damage and I can't even see that happening. I have overdrven my sound cards many times while setting up the rigblaster and never had one big of trouble. I have also run the sound card straight to and from the 850 without any isolation whatsoever and never had issues. In fact I would consider my RigBlaster Plus to be one of the best additions I've made to the shack in a long time, and I always get unsolicited reports on the quality of my PSK signal. Can you elaborate more on the computer issues for the group please?

Max VE3TMT

...not trying to get away from Dan's original question, I am just curious about your problems. What's that they say "knowledge is wealth"

4170. Re: tuner range with MARS mod

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-01-07 19:32:48 UTC
From: Bruce Sawtelle
Topic: 4158 Message: 4170

Hi Ed,
Hope you had a great holiday. One of these days we'll ahve to catch
up with you at a TI reunion or one of the hamfests

Max,
Thanks for the pointer.

I went back and withthe autotuner engaged, I could here it switching
at the following frequencies, so I have the "bands" identified

0000 - 1700 (won't tune here)
1700 - 2000
2000 - 3700
3700 - 4000
4000 - 7500
7500 - 10500
10500 - 14500
14500 - 18500
18500 - 21500
21500 - 25000
25000 - 29000
29000 - 30000

--- In TS-850_450_690@yahoogroups.com, "max_ve3tmt" <max_ve3tmt@y...>
wrote:
>
> --- In TS-850_450_690@yahoogroups.com, "n5kzw" <n5kzw@a...> wrote:
> >
> > Hi, Bruce. I'm trying to remember what I saw when I was working
on my
> > 450 tuner earlier this year. I think that the tuner re-tuned
about
> > every 3 MHz at the lower frequencies, moving to wider spacing as
you
> > tuned up the bands. I believe that the tuner range is
continuous, and
> > that it will try to tune any signal you give it. The band switch
> > input is just used for a starting point, I think.
> >
> > Regards,
> > Ed
>
>
> I think the tuning range depends on the band. It will not have to
> retune as often on the higher bands as the swr bandwidths are
> generally wider as you go up in freuency. On 80m for example if I

tune
> my dipole to 3.740, the tuner will automatically retune if I tune
the
> VFO below 3.600, whereas I can tune through the entire 10m band
> without so much as a squeak. The tuner in my 850 has tuned anything
I
> have thrown at it.
>
> Max VE3TMT
>

4171. TS-690 and AT-50

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-01-08 01:12:27 UTC
From: Joel L%ffquiz
Topic: 4171 Message: 4171

like working ts-690 with the AT-50 with the AT tune thanks

Como puedo trabajar el TS-690 con el AT-50

Gracias

Joel

CE2JLB

4172. Filter F.S.

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-01-08 06:08:05 UTC
From: merckxist
Topic: 4172 Message: 4172

For sale:
Inrad #95, 8830Khz, 1.8Khz BW, narrow SSB filter for the 850 and other Kenwood radios.Pull out from my TS-850.Asking $60, shipped.If interested, please reply direct, off list.
Al
KJ5GT

4173. ts-850 working again

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-01-08 07:11:39 UTC
From: setnetter99647
Topic: 4173 Message: 4173

Thanks to the group for the info on how to repair the alc problem.
I changed the dc to dc board and am on the air again.
Ron AL7Dx

4174. DSP 100

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-01-08 14:41:14 UTC
From: Paul Spiteri
Topic: 2500 Message: 4174

Hi everybody,
I'm looking for a DSP-100. If anyone is interested please let
me know. Thanks in advance

de'
9H1SP
Paul

4175. Re: DSP 100

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-01-08 14:54:48 UTC
From: max_ve3tmt
Topic: 2500 Message: 4175

--- In TS-850_450_690@yahoogroups.com, "Paul Spiteri" <9h1sp@n...> wrote:
>
> Hi everybody,
> I'm looking for a DSP-100. If anyone is interested
please let
> me know. Thanks in advance
>
>
> de'
> 9H1SP
> Paul
>

Paul,

There was a ham about 150 km east of me (in Cornwall Ontario) selling a complete TS850S, DSP100, MC60 mic with all cables etc, for $1000 CDN. I would surely have grabbed it but can justify it at this time. His email is ve3axp@... if you want to talk to him. $1000 CDN is a heck of a price for a TS850/DSP100 combo. His name is Gord. It may have sold, and at that price I wouldn't think it would take long, but you can enquire.

Max

4176. Different ouptut power depending on band ??

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-01-08 20:12:28 UTC
From: max_ve3tmt
Topic: 4176 Message: 4176

While running the RTTY roundup this weekend I noticed that when switching bands my power output is not neccessarily the same on each band. Now most were minor drops or increases, but the change is really noticeable on 15m and 10m. I performed the following experiment and got these results:

I went to 20m and injected a 1 KHz tone into the rig at a level equivalent to 100W out as noted on the 850's meter. Without changing the drive level I went band by band and got the following output readings:

75m 80W
40m 110W
30m 110W
20m 100W
17m 110W
15m 50W
12m 100W
10m 60W

As you can see, the output on 15 and 10m dropped quite a bit. Is something out of alignment with the rig? Possibly a control the maintains the same level output per bands?

Thanks,

Max

4177. Re: DSP 100

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-01-08 20:35:21 UTC
From: paul9h1sp
Topic: 2500 Message: 4177

Hi Max,
Thanks for your reply. I try to send Gord an e-mail but the e-mail address on qrz.com is not good. I received the mail back. I don't know now how can I pass him the information. Thanks again for your kindly help and best 73's de'
9H1SP
Paul
>
> Paul,
>
> There was a ham about 150 km east of me (in Cornwall Ontario) selling
> a complete TS850S, DSP100, MC60 mic with all cables etc, for $1000
> CDN. I would surely have grabbed it but can justify it at this time.
> His email is ve3axp@r... if you want to talk to him. $1000 CDN is a
> heck of a price for a TS850/DSP100 combo. His name is Gord. It may
> have sold, and at that price I wouldn't think it would take long, but
> you can enquire.
>
> Max
>

4178. Re: DSP 100

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-01-08 21:11:50 UTC
From: max_ve3tmt
Topic: 2500 Message: 4178

--- In TS-850_450_690@yahoogroups.com, "paul9h1sp" <9h1sp@n...> wrote:
>
> Hi Max,
> Thanks for your reply. I try to send Gord an e-mail but the e-
> mail address on qrz.com is not good. I received the mail back. I don't
> know now how can I pass him the information. Thanks again for your
> kindly help and best 73's de'
> 9H1SP
> Paul

Paul,

Try ve3axp@...

4179. Re: [TS-850_450_690] DSP 100

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-01-08 23:25:58 UTC
From: Eric
Topic: 2500 Message: 4179

Paul,

I have a DSP-100 I put up for sale on QRZ January 3. There has been no interest so far. I have been using the unit again before what I presumed was going to be a sale, and they work nicely, in fact, I sometimes wonder if I should sell it? The noise reduction and filtering of the dsp-100/850 is on par with the 870. I would also consider a trade and some cash towards an SM-230. Anybody interested?

kr9w@...

73
KR9W,
Eric

Paul Spiteri wrote:

>Hi everybody,
> I'm looking for a DSP-100. If anyone is interested please let
>me know. Thanks in advance
>
>
>de'
>9H1SP
>Paul
>
>
>
>THANKS FOR USING TS-850_450_690@...
>Yahoo! Groups Links
>
>
>
>
>
>
>
>

4180. Re: DSP 100

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-01-09 00:27:10 UTC
From: max_ve3tmt
Topic: 2500 Message: 4180

--- In TS-850_450_690@yahoogroups.com, Eric <kr9w@c...> wrote:
I would also consider a
> trade and some cash towards an SM-230. Anybody interested?

Eric,

Did you see my earlier post on the SM230 for sale in Saskatchewan? He
is asking $600 CDN. Best price I have ever seen one available.

Max

4181. RTTY With TS-850S/AT

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-01-09 22:12:39 UTC
From: Mark Saunders
Topic: 4181 Message: 4181

It has been almost 10 yeasr sing I worked RTTY with my 850. The last tiem was with an MFJ-1278B TNC. I no longer have the TNC and would liket to operate RTTY, PSK-13 and other digital modes, too, using the sound cards in my computers.

I downloaded HamScope and it decodes pretty well. Can I use the mic jack for AF in or is there a better way. My rig control keys the transmitter just fine, but I need to get the AF signal into the rig.

Mark Saunders, KJ7BS
Glendale, AZ

4182. Re: [TS-850_450_690] RTTY With TS-850S/AT

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-01-09 22:42:47 UTC
From: ve3wej
Topic: 4181 Message: 4182

I go in through the 13 pin accessory Jack on the rear...

----- Original Message -----
From: Mark Saunders
To: TS-850_450_690@yahoogroups.com
Sent: Monday, January 09, 2006 5:12 PM
Subject: [TS-850_450_690] RTTY With TS-850S/AT

It has been almost 10 yeasr sing I worked RTTY with my 850. The last
tiem was with an MFJ-1278B TNC. I no longer have the TNC and would
liket to operate RTTY, PSK-13 and other digital modes, too, using the
sound cards in my computers.

I downloaded HamScope and it decodes pretty well. Can I use the mic
jack for AF in or is there a better way. My rig control keys the
transmitter just fine, but I need to get the AF signal into the rig.

Mark Saunders, KJ7BS
Glendale, AZ

THANKS FOR USING TS-850_450_690@...

YAHOO! GROUPS LINKS

a.. Visit your group "TS-850_450_690" on the web.

b.. To unsubscribe from this group, send an email to:
TS-850_450_690-unsubscribe@yahoogroups.com

c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

No virus found in this incoming message.
Checked by AVG Free Edition.
Version: 7.1.371 / Virus Database: 267.14.16/224 - Release Date: 09/01/2006

[Non-text portions of this message have been removed]

4183. Re: RTTY With TS-850S/AT

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-01-09 23:00:34 UTC
From: max_ve3tmt
Topic: 4181 Message: 4183

--- In TS-850_450_690@yahoogroups.com, "Mark Saunders" <kj7bs@c...> wrote:
>
> It has been almost 10 yeasr sing I worked RTTY with my 850. The last
> tiem was with an MFJ-1278B TNC. I no longer have the TNC and would
> liket to operate RTTY, PSK-13 and other digital modes, too, using the
> sound cards in my computers.
>
> I downloaded HamScope and it decodes pretty well. Can I use the mic
> jack for AF in or is there a better way. My rig control keys the
> transmitter just fine, but I need to get the AF signal into the rig.
>
> Mark Saunders, KJ7BS
> Glendale, AZ
>

Hi Mark,

Personally I use a RigBlaster Plus into the mic jack on my 850. I have also used it into the 13 pin DIN on the rear. Either works just fine. I have also run the audio straight into the mic plug without any isolation which worked okay. Just this weekend I was casually working the ARRL RTTY roundup and made 113 contacts. I really enjoyed it. I ran 100w from the 850 and never had a problem. I use MixW software for all my digital modes.

73,

Max

4184. Pleace Manual Spanish TS-690???

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-01-10 00:44:21 UTC
From: ce2jlb
Topic: 4184 Message: 4184

Pleace Manual Spanish TS-690???

73'S

CE2JLB

4185. Re: [TS-850_450_690] Re: RTTY With TS-850S/AT

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-01-10 02:28:24 UTC
From: Tom Osborne
Topic: 4181 Message: 4185

Hi Mark

If you can use FSK and go into the back of the rig, you will find it works a lot better if you have CW filters in your rig. With AFSK into the mike jack, you are limited to the SSB filters in your rig. With FSK, you can use the CW filters. In a contest, SSB filters are way to wide.

If you don't already, you might subscribe to the RTTY list. Lots of great guys there and you will learn a lot. 73
Tom W7WHY

> Can I use the mic
> jack for AF in or is there a better way. My rig control keys the
t>ransmitter just fine, but I need to get the AF signal into the rig.

Mark Saunders, KJ7BS

4186. Re: RTTY With TS-850S/AT

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-01-10 02:46:02 UTC
From: max_ve3tmt
Topic: 4181 Message: 4186

Tom,

After working the RTTY roundup I was curious about using FSK mode. With the common PC configuration, how would one go about keying the FSK circuit? I am using a RigBlaster for the digital modes. Would I need a separate circuit from the PC?

Max

4187. Re: [TS-850_450_690] Pleace Manual Spanish TS-690???

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-01-10 02:56:46 UTC
From: n7ioh
Topic: 4184 Message: 4187

I have sent an email to Kenwood to see if they have one. I will let
you know what I find out.

Al, n7ioh

ce2jlb wrote:

>Pleace Manual Spanish TS-690???
>
>73'S
>
>CE2JLB
>
>
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>
>
>THANKS FOR USING TS-850_450_690@...
>Yahoo! Groups Links
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4188. Re: [TS-850_450_690] Re: RTTY With TS-850S/AT

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-01-10 04:18:05 UTC
From: Tom Osborne
Topic: 4181 Message: 4188

Hi Max

Not sure about the Rigblaster as I'm not familiar with that one. I use the RASCAL from K4ABT at www.packetradio.com. Think they are about $40 shipped, and mine came all pre-wired for FSK. All I had to do is plug it into the back of the TS 450SAT--totally plug and play.

When running MMTTY, you just configure it for FSK and it is all set. I use N1MM Logger and MMTTY plugin for a really GREAT setup for RTTY contesting. The CW filters make it a lot more fun. I also have a FT-840 that I use for the second radio and it is set up for AFSK. I bought a little Autek audio filter to narrow the signals down a bit. Helps, but not like the built-in filters. The loud ones still pump the AGC really bad. 73
Tom W7WHY

With TS-850S/AT

> Tom,
>
> After working the RTTY roundup I was curious about using FSK mode.
> With the common PC configuration, how would one go about keying the
> FSK circuit? I am using a RigBlaster for the digital modes. Would I
> need a separate circuit from the PC?
>
> Max
>
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>
> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
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4189. RE: [TS-850_450_690] Re: RTTY With TS-850S/AT

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-01-10 06:29:08 UTC
From: Mark Saunders, KJ7BS
Topic: 4181 Message: 4189

Thanks Tom,

I have the 500Hz CW filters in the 8.33 and 455 sides. I love the cascade effect with both 500s inlne.

When I operated FSK from my MFJ-1278B TNC, I had opto-isolators going into the back of the 850. I think it has an FSK/RTTY jack. I'll have to pull it out and check.

Mark Saunders, KJ7BS
Glendale, AZ

-----Original Message-----
From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of Tom Osborne
Sent: Monday, January 09, 2006 7:28 PM
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] Re: RTTY With TS-850S/AT

Hi Mark

If you can use FSK and go into the back of the rig, you will find it works a

lot better if you have CW filters in your rig. With AFSK into the mike jack, you are limited to the SSB filters in your rig. With FSK, you can use

the CW filters. In a contest, SSB filters are way to wide.

If you don't already, you might subscribe to the RTTY list. Lots of great guys there and you will learn a lot. 73
Tom W7WHY

> Can I use the mic
> jack for AF in or is there a better way. My rig control keys the
t>ransmitter just fine, but I need to get the AF signal into the rig.

Mark Saunders, KJ7BS

THANKS FOR USING TS-850_450_690@...
Yahoo! Groups Links

4190. RE: [TS-850_450_690] Re: RTTY With TS-850S/AT

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-01-10 06:31:19 UTC
From: Mark Saunders, KJ7BS
Topic: 4181 Message: 4190

Do you have the RTTY list address?

Mark Saunders, KJ7BS
Glendale, AZ

-----Original Message-----
From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of Tom Osborne
Sent: Monday, January 09, 2006 7:28 PM
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] Re: RTTY With TS-850S/AT

Hi Mark

If you can use FSK and go into the back of the rig, you will find it works a

lot better if you have CW filters in your rig. With AFSK into the mike
jack, you are limited to the SSB filters in your rig. With FSK, you can use

the CW filters. In a contest, SSB filters are way to wide.

If you don't already, you might subscribe to the RTTY list. Lots of great
guys there and you will learn a lot. 73
Tom W7WHY

> Can I use the mic
> jack for AF in or is there a better way. My rig control keys the
t>ransmitter just fine, but I need to get the AF signal into the rig.

Mark Saunders, KJ7BS

THANKS FOR USING TS-850_450_690@...
Yahoo! Groups Links

4191. Re: [TS-850_450_690] Re: RTTY With TS-850S/AT

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-01-10 07:42:26 UTC
From: Paul
Topic: 4181 Message: 4191

http://groups.yahoo.com/group/digitalradio/

Paul - K2BK

Mark Saunders, KJ7BS wrote:

> Do you have the RTTY list address?
>
> Mark Saunders, KJ7BS
> Glendale, AZ
>
>

4192. Re: RTTY With TS-850S/AT

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-01-10 13:16:47 UTC
From: Richard Ferch
Topic: 4181 Message: 4192

--- In TS-850_450_690@yahoogroups.com, "Tom Osborne" <w7why@v...>
wrote:
>
> Hi Mark
>
> If you can use FSK and go into the back of the rig, you will find
it works a
> lot better if you have CW filters in your rig. With AFSK into the
mike
> jack, you are limited to the SSB filters in your rig. With FSK,
you can use
> the CW filters. In a contest, SSB filters are way to wide.
>

I agree that you need to use narrow filters - I can't even imagine trying to do an RTTY contest without. However, it is not true that you cannot use the narrow filters in SSB mode. On my TS-850 the 500 Hz filters work just fine in SSB mode - the bandpass is around 1150-1650 Hz or thereabouts. If you have 500 Hz filters in both IFs you can use the slope tune controls to narrow the response still further, just like you can in FSK. I used AFSK for several years, feeding the audio into the 13-pin DIN connector on the back of the radio.

That being said, I agree with you that if you can use FSK, it's better - but not because of the filters, it's because you don't have to worry about audio drive levels, splatter, or readjusting the mic gain control between bands. Now that I have my microKeyer USB interface, AFSK is a thing of the past here.

> If you don't already, you might subscribe to the RTTY list. Lots
of great
> guys there and you will learn a lot. 73
> Tom W7WHY
>

Yes indeed - you can find it at:

http://lists.contesting.com/mailman/listinfo/RTTY .

73,
Rich VE3IAY

4193. Re: RTTY With TS-850S/AT

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-01-10 17:38:19 UTC
From: max_ve3tmt
Topic: 4181 Message: 4193

I am very curious about using the FSK setting for RTTY. I am using a RigBlaster Plus with the 850 for PSK and RTTY now. I would like to explore the possiblility of using true FSK but not sure what is required. I am using a data switch and use the Riblaster on port A and my CAT interface on port B. Will a separate circuit be required to key the FSK line? Does this mean I will have to give up one of the ports?

Any help appreciated,

Max

4194. Interface

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-01-10 19:36:56 UTC
From: sm7ygz
Topic: 4194 Message: 4194

Hi !

Have a TS-450S and would like to build a interface cable so i can control my rig from my pc (even use it with N1MM). Found the cable under Files section (max232ctrl.jpg) can i use this cable even if i don't have the IF-10D ?

73

/Rob
SM7YGZ

4195. Re: RTTY With TS-850S/AT

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-01-10 19:45:35 UTC
From: Richard Ferch
Topic: 4181 Message: 4195

The FSK interface from a serial port uses TxD. The CAT connection also uses TxD. This means that you cannot do both on the smae serial port from the same software or at the same time - if you want both CAT and FSK during the same operating session you must use two serial ports, one through the IF-232C or equivalent level converter to ACC1, and the other through the Rigblaster Plus to the 850's RTTY input jack and PTT connection.

Also, according to the published circuit diagram for the Rigblaster Plus you can either do CW or FSK but not both, or at least not without changing jumper positions and cables when you change modes. For CW you would jumper RTS to the keying circuit and connect it to the radio's CW key jack; for FSK you would jumper TxD to the CW/FSK keying circuit and connect the CW/FSK keying output to the radio's RTTY input.

One warning: If you are using the West Mountain Radio cable to connect to the 13-pin ACC2 connector, you can continue to use it for fixed-level audio output, but do NOT plug the second mini phone plug that comes with it into the Rigblaster's CW/FSK keying output; the TS-850 does not support FSK keying input on ACC2. Instead, you need a separate cable with a mini phone plug on the Rigblaster end and an RCA plug on the radio end.

If you use a USB-to-serial adapter as a means of adding a serial port to the computer, be aware that this will not work in FSK with most software, although it will probably be fine for CAT, PTT and CW. There is one exception to this, and that is the EXTFSK plug-in dll for MMTTY. If you use this dll, then you can use a USB-to-serial adapter even for FSK. In fact, EXTFSK has other advantages - you can use DTR instead of TxD for FSK, which would mean you wouldn't have to switch jumpers inside the Rigblaster to go from CW to FSK, only the cable to the radio. For CW, you would configure your CW software to use DTR for CW and RTS for PTT. For FSK, you would configure EXTFSK to use DTR for FSK and RTS for PTT. Yet another advantage is that you can even use a parallel port to do FSK with EXTFSK, although you will have to wire up your own homebrew keying circuits for FSK and PTT, you can't use the Rigblaster for this.

One other point to note: MMTTY and EXTFSK require exclusive access to the serial port. That means you cannot switch the port back and forth between other software and MMTTY/EXTFSK during the same session (e.g. to quickly load the radio's frequency into your logging software and then jump back to MMTTY for RTTY). You must choose one or the other and stick with it; the only time you can use other software that is configured to use the serial port for any purpose is when MMTTY is shut down.

And one final note: to use FSK with the TS-850 you will need to set the TS-850's power-on menu item no. 11 to ON; the default OFF position results in transmitting inverted polarity.

73,
Rich VE3IAY

--- In TS-850_450_690@yahoogroups.com, "max_ve3tmt" <max_ve3tmt@y...> wrote:
>
> I am very curious about using the FSK setting for RTTY. I am using a
> RigBlaster Plus with the 850 for PSK and RTTY now. I would like to
> explore the possiblility of using true FSK but not sure what is
> required. I am using a data switch and use the Riblaster on port A and
> my CAT interface on port B. Will a separate circuit be required to key
> the FSK line? Does this mean I will have to give up one of the ports?
>
> Any help appreciated,
>
> Max
>

4196. Re: Interface

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-01-10 20:24:17 UTC
From: max_ve3tmt
Topic: 4194 Message: 4196

--- In TS-850_450_690@yahoogroups.com, "sm7ygz" <sm7ygz@h...> wrote:
>
> Hi !
>
> Have a TS-450S and would like to build a interface cable so i can
> control my rig from my pc (even use it with N1MM). Found the cable
> under Files section (max232ctrl.jpg) can i use this cable even if i
> don't have the IF-10D ?
>
> 73
>
> /Rob
> SM7YGZ
>

Rob,

You don't need the IF-10 with the 450. That circuit will work just fine. I have used it on both the 450 and 850.

Max

4197. Re: RTTY With TS-850S/AT

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-01-10 20:32:13 UTC
From: max_ve3tmt
Topic: 4181 Message: 4197

--- In TS-850_450_690@yahoogroups.com, "Richard Ferch" <ve3iay@r...>
wrote:

> Also, according to the published circuit diagram for the Rigblaster
> Plus you can either do CW or FSK but not both, or at least not without
> changing jumper positions and cables when you change modes. For CW you
> would jumper RTS to the keying circuit and connect it to the radio's
> CW key jack; for FSK you would jumper TxD to the CW/FSK keying circuit
> and connect the CW/FSK keying output to the radio's RTTY input.

> And one final note: to use FSK with the TS-850 you will need to set
> the TS-850's power-on menu item no. 11 to ON; the default OFF position
> results in transmitting inverted polarity.
>
> 73,
> Rich VE3IAY

Thanks Rich,
I never thought to check the RB's manual!! I would rather set it up
for FSK than CW. As is now to key the rig in CW I have to use the
dedicated RB port and lose my PC control for logging etc. I don't mind
this for FSK. I will read further tonight.

Thanks for the advice,

Max

4198. Re: [TS-850_450_690] Re: RTTY With TS-850S/AT

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-01-10 21:02:10 UTC
From: Mark Saunders, KJ7BS
Topic: 4181 Message: 4198

Richard Ferch, ve3iay wrote:

"If you use a USB-to-serial adapter as a means of adding a serial port
to the computer, be aware that this will not work in FSK with most
software, although it will probably be fine for CAT, PTT and CW."

Interesting. I have an USB interface to my rig control, one each for my Kenwood and ICOM radios. My laptop does not have a 25 or 9 pin serial port so I have to use an USB to Serial converter. With only USB ports, how do I get FSK out of my laptop? I'm using HamScope with MMTTY.

Mark Saunders, KJ7BS
Glendale, AZ

4199. Re: RTTY With TS-850S/AT

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-01-10 21:35:15 UTC
From: Richard Ferch
Topic: 4181 Message: 4199

If you are using MMTTY, you should be able to do FSK from a USB serial adapter by installing and configuring EXTFSK. This is described at:

http://aobajoke.no-ip.org/~ja7ude/info/mmtty.htm .

You can find the actual files you need at:

http://mmhamsoft.ham-radio.ch/extfsk.htm ,

specifically in the file:

http://mmhamsoft.ham-radio.ch/files/programs/comfsk105.zip .

If you want to get fancier, there are a few all-in-one amateur-radio USB devices out there that will do CW, PTT, FSK and various other functions from a single USB port - see:

http://www.microham-usa.com/Products/mk.html

http://www.rigexpert.com/RigExpertPlus.html

http://www.hamradiosolutions.com/site/pages/products_dett.asp?ProductID=15

for some examples (warning: these are not cheap! I have a microKeyer and I love it, but they may not be for everyone.)

73,
Rich VE3IAY

--- In TS-850_450_690@yahoogroups.com, "Mark Saunders, KJ7BS" <kj7bs@c...> wrote:
>
> Richard Ferch, ve3iay wrote:
>
> "If you use a USB-to-serial adapter as a means of adding a serial port
> to the computer, be aware that this will not work in FSK with most
> software, although it will probably be fine for CAT, PTT and CW."
> ---
> Interesting. I have an USB interface to my rig control, one each for my Kenwood and ICOM radios. My laptop does not have a 25 or 9 pin serial port so I have to use an USB to Serial converter. With only USB ports, how do I get FSK out of my laptop? I'm using HamScope with MMTTY.
>
> Mark Saunders, KJ7BS

> Glendale, AZ
>

4200. Re: Pleace Manual Spanish TS-690???

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-01-10 23:16:34 UTC
From: ce2jlb
Topic: 4184 Message: 4200

Thanks I envie email, even waitting

aun espero

73

--
- In TS-850_450_690@yahoogroups.com, n7ioh <n7ioh@c...> wrote:
>
> I have sent an email to Kenwood to see if they have one. I
will let
> you know what I find out.
>
> Al, n7ioh
>
>
> ce2jlb wrote:
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> >Pleace Manual Spanish TS-690???
> >
> >73'S
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> >CE2JLB
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> >THANKS FOR USING TS-850_450_690@Y...
> >Yahoo! Groups Links
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4201. Re: [TS-850_450_690] Re: RTTY With TS-850S/AT

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-01-11 01:50:58 UTC
From: Tom Osborne
Topic: 4181 Message: 4201

Hi Mark

Go to http://www.contesting.com/

Scroll down the left side and you will see the lists. The second group down has the rtty list. It will tell you how to subscribe. 73
Tom W7WHY

> Do you have the RTTY list address?
>
> Mark Saunders, KJ7BS
> Glendale, AZ

4202. Re: [TS-850_450_690] Interface

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-01-11 02:17:31 UTC
From: Tom Osborne
Topic: 4194 Message: 4202

Hi Rob

Goto Ebay and look for G4ZLP's cables. He makes a great cable for that. I have one for my TS-450 and one for my FT-840. Price is very reasonable and he is very fast on shipping and great service afterward. I bought mine for about 35 USD shipped. 73
Tom W7WHY

> Hi !
>
> Have a TS-450S and would like to build a interface cable so i can
> control my rig from my pc (even use it with N1MM). Found the cable
> under Files section (max232ctrl.jpg) can i use this cable even if i
> don't have the IF-10D ?
>
> 73
>
> /Rob
> SM7YGZ
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>
> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
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4203. Re: RTTY With TS-850S/AT

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-01-11 03:59:22 UTC
From: max_ve3tmt
Topic: 4181 Message: 4203

--- In TS-850_450_690@yahoogroups.com, "Richard Ferch" <ve3iay@r...>
wrote:
>
> The FSK interface from a serial port uses TxD. The CAT connection also
> uses TxD.

I see many references to TXD in the manual however the so-called TXD
LED that is supposed to flicker doesnt exist in the RigBlaster Plus.
At least not in mine. I could get the rig to key but not
diddle-diddle. I don't think you will hear this in the monitor????

Is anyone using the RigBlaster Plus with a TS850 using direct FSK
keying? I'd like to know what jumper settings on P5 you are using. In
the meantime I'm back to AFSK :(

4204. Re: [TS-850_450_690] Interface

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-01-11 05:19:26 UTC
From: Wowok
Topic: 4194 Message: 4204

Hi Tom

I have just go to ebay.(www.ebay.com)
I am looking for G4ZLP cable. but the search result is 0.
(0 items found for G4ZLP cable). neither for G4ZLP.
did i make a mistype?

YD?NHO

----- Original Message -----
From: "Tom Osborne" <w7why@...>

> Hi Rob
>
> Goto Ebay and look for G4ZLP's cables. He makes a great cable for that.
I
> have one for my TS-450 and one for my FT-840. Price is very reasonable
and
> he is very fast on shipping and great service afterward. I bought mine
for
> about 35 USD shipped. 73
> Tom W7WHY

--
Internal Virus Database is out-of-date.
Checked by AVG Anti-Virus.
Version: 7.0.289 / Virus Database: 267.14.7 - Release Date: 12/23/2005

The information transmitted is intended only for the person or the entity to which it is addressed and may contain confidential and/or privileged material. If you have received it by mistake please notify the sender by return e-mail and delete this message including any of its attachments from your system. Any use, review, reliance or dissemination of this message in whole or in part is strictly prohibited. Please note that e-mails are susceptible to change. The views expressed herein do not necessarily represent those of PT Astra International Tbk and should not be construed as the views, offers or acceptances of PT Astra International Tbk.

4205. Re: [TS-850_450_690] Interface

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-01-11 05:29:17 UTC
From: Tom Osborne
Topic: 4194 Message: 4205

Hi

Try this link.

http://search-desc.ebay.com/search/search.dll?sofocus=bs&sbrftog=1&fstype=1&from=R10&catref=C6&satitle=%22g4zlp%22&sacat=4670%26catref%3DC6&bs=Search&fts=2&sargn=-1%26saslc%3D2&sadis=200&fpos=97420&ftrt=1&ftrv=1&saprclo=&saprchi=&fsop=1&fsoo=1

He has some there. You can also email Neil and tell him what you would
like. 73
Tom W7WHY

>

> Hi Tom
>
> I have just go to ebay.(www.ebay.com)
> I am looking for G4ZLP cable. but the search result is 0.
> (0 items found for G4ZLP cable). neither for G4ZLP.
> did i make a mistype?
>
> YD?NHO
>
>
> ----- Original Message -----
> From: "Tom Osborne" <w7why@...>
>
>
>> Hi Rob
>>
>> Goto Ebay and look for G4ZLP's cables. He makes a great cable for that.
> I
>> have one for my TS-450 and one for my FT-840. Price is very reasonable
> and
>> he is very fast on shipping and great service afterward. I bought mine
> for
>> about 35 USD shipped. 73
>> Tom W7WHY
>
>
>
>
> --
> Internal Virus Database is out-of-date.
> Checked by AVG Anti-Virus.
> Version: 7.0.289 / Virus Database: 267.14.7 - Release Date: 12/23/2005

>
>
>
>
> The information transmitted is intended only for the person or the entity
> to which it is addressed and may contain confidential and/or privileged
> material. If you have received it by mistake please notify the sender by
> return e-mail and delete this message including any of its attachments
> from your system. Any use, review, reliance or dissemination of this
> message in whole or in part is strictly prohibited. Please note that
> e-mails are susceptible to change. The views expressed herein do not
> necessarily represent those of PT Astra International Tbk and should not
> be construed as the views, offers or acceptances of PT Astra International
> Tbk.
>
>
> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
>
>
>
>
>
>

4206. Re: [TS-850_450_690] Interface

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-01-11 06:00:11 UTC
From: Wowok
Topic: 4194 Message: 4206

thank you Tom...

You can also try this link
http://g4zlp.ham-radio.ch/

73,
de yd ? nho

----- Original Message -----
From: "Tom Osborne" <w7why@...>

>
> Hi
>
> Try this link.
>
>
http://search-desc.ebay.com/search/search.dll?sofocus=bs&sbrftog=1&fstype=1&
from=R10&catref=C6&satitle=%22g4zlp%22&sacat=4670%26catref%3DC6&bs=Search&ft
s=2&sargn=-1%26saslc%3D2&sadis=200&fpos=97420&ftrt=1&ftrv=1&saprclo=&saprchi
=&fsop=1&fsoo=1
>
>
> He has some there. You can also email Neil and tell him what you would
> like. 73
> Tom W7WHY

--
Internal Virus Database is out-of-date.
Checked by AVG Anti-Virus.
Version: 7.0.289 / Virus Database: 267.14.7 - Release Date: 12/23/2005

The information transmitted is intended only for the person or the entity to which it is addressed and may contain confidential and/or privileged material. If you have received it by mistake please notify the sender by return e-mail and delete this message including any of its attachments from your system. Any use, review, reliance or dissemination of this message in whole or in part is strictly prohibited. Please note that e-mails are susceptible to change. The views expressed herein do not necessarily represent those of PT Astra International Tbk and should not be construed as the views, offers or acceptances of PT Astra International Tbk.

4207. Re: [TS-850_450_690] Interface

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-01-11 06:33:24 UTC
From: Wowok
Topic: 4194 Message: 4207

Unfortunately my country is unlisted at paypal.

Pse tell me how I can get this gear?

73, de yd ? nho

----- Original Message -----
From: "Wowok" <hendry_ong_75@...>

>
> thank you Tom...
>
> You can also try this link
> http://g4zlp.ham-radio.ch/
>
> 73,
> de yd ? nho

--
Internal Virus Database is out-of-date.
Checked by AVG Anti-Virus.
Version: 7.0.289 / Virus Database: 267.14.7 - Release Date: 12/23/2005

The information transmitted is intended only for the person or the entity to which it is addressed and may contain confidential and/or privileged material. If you have received it by mistake please notify the sender by return e-mail and delete this message including any of its attachments from your system. Any use, review, reliance or dissemination of this message in whole or in part is strictly prohibited. Please note that e-mails are susceptible to change. The views expressed herein do not necessarily represent those of PT Astra International Tbk and should not be construed as the views, offers or acceptances of PT Astra International Tbk.

4208. RE: [TS-850_450_690] Interface

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-01-11 08:05:12 UTC
From: Robban - SM7YGZ
Topic: 4194 Message: 4208

This was great, thanks !!!

_____

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of Wowok
Sent: den 11 januari 2006 07:00
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] Interface

thank you Tom...

You can also try this link
http://g4zlp.ham-radio.ch/

73,
de yd Ø nho

----- Original Message -----
From: "Tom Osborne" <w7why@...>

>
> Hi
>
> Try this link.
>
>
http://search-desc.ebay.com/search/search.dll?sofocus=bs
<http://search-desc.ebay.com/search/search.dll?sofocus=bs&sbrftog=1&fstype=1
&> &sbrftog=1&fstype=1&
from=R10&catref=C6&satitle=%22g4zlp%22&sacat=4670%26catref%3DC6&bs=Search&ft
s=2&sargn=-1%26saslc%3D2&sadis=200&fpos=97420&ftrt=1&ftrv=1&saprclo=&saprchi
=&fsop=1&fsoo=1
>
>
> He has some there. You can also email Neil and tell him what you would
> like. 73
> Tom W7WHY

--
Internal Virus Database is out-of-date.
Checked by AVG Anti-Virus.
Version: 7.0.289 / Virus Database: 267.14.7 - Release Date: 12/23/2005

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THANKS FOR USING TS-850_450_690@...

SPONSORED LINKS

Ham
<http://groups.yahoo.com/gads?t=ms&k=Ham+radio&w1=Ham+radio&w2=Craft+hobby&w3=Hobby+and+craft+supply&w4=Icom+ham+radio&w5=Yaesu+ham+radio&w6=Rules+of+the+road&c=6&s=124&.sig=-AtbGud9NgQW8q_mHCrJpw> radio

Craft
<http://groups.yahoo.com/gads?t=ms&k=Craft+hobby&w1=Ham+radio&w2=Craft+hobby&w3=Hobby+and+craft+supply&w4=Icom+ham+radio&w5=Yaesu+ham+radio&w6=Rules+of+the+road&c=6&s=124&.sig=MYXmoE_1cHXWGZadSqJ4ow> hobby

Hobby
<http://groups.yahoo.com/gads?t=ms&k=Hobby+and+craft+supply&w1=Ham+radio&w2=Craft+hobby&w3=Hobby+and+craft+supply&w4=Icom+ham+radio&w5=Yaesu+ham+radio&w6=Rules+of+the+road&c=6&s=124&.sig=8lNNK6GWA9g9E5dNLLMb3g> and craft supply

Icom
<http://groups.yahoo.com/gads?t=ms&k=Icom+ham+radio&w1=Ham+radio&w2=Craft+hobby&w3=Hobby+and+craft+supply&w4=Icom+ham+radio&w5=Yaesu+ham+radio&w6=Rules+of+the+road&c=6&s=124&.sig=IYAvWkEMqmPFmKOeCoVOuQ> ham radio

Yaesu
<http://groups.yahoo.com/gads?t=ms&k=Yaesu+ham+radio&w1=Ham+radio&w2=Craft+hobby&w3=Hobby+and+craft+supply&w4=Icom+ham+radio&w5=Yaesu+ham+radio&w6=Rules+of+the+road&c=6&s=124&.sig=KkQyze08wksDXb33UQkXjw> ham radio

Rules
<http://groups.yahoo.com/gads?t=ms&k=Rules+of+the+road&w1=Ham+radio&w2=Craft+hobby&w3=Hobby+and+craft+supply&w4=Icom+ham+radio&w5=Yaesu+ham+radio&w6=Rules+of+the+road&c=6&s=124&.sig=62RmLMRb6rR0QJCPWOxM-A> of the road

---

YAHOO! GROUPS LINKS

* Visit your group "TS-850_450_690
<http://groups.yahoo.com/group/TS-850_450_690> " on the web.

* To unsubscribe from this group, send an email to:
TS-850_450_690-unsubscribe@yahoogroups.com
<mailto:TS-850_450_690-unsubscribe@yahoogroups.com?subject=Unsubscribe>

* Your use of Yahoo! Groups is subject to the Yahoo!
<http://docs.yahoo.com/info/terms/> Terms of Service.

Jag använder en gratisversion av SPAMfighter för privata användare.
3365 spam har blivit blockerade hittills.
Betalande användare har inte meddelande i sin e-post.
Hämta gratis SPAMfighter
<http://www.spamfighter.com/Lang_SV/Product_Info.asp?/> idag!

[Non-text portions of this message have been removed]

4209. Looking for a Yahoo group for RTTY users

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-01-11 14:13:52 UTC
From: Russell Blair
Topic: 4209 Message: 4209

Can some one point me to a group for RTTY user's

Russell
(WT7D)

_____
Do You Yahoo!?
Tired of spam? Yahoo! Mail has the best spam protection around
http://mail.yahoo.com

4210. Re: Looking for a Yahoo group for RTTY users

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-01-11 17:35:01 UTC
From: Richard Ferch
Topic: 4209 Message: 4210

I am not familiar with any Yahoo groups specifically for RTTY, other than those for individual software like MMTTY, but the most popular RTTY e-mail reflector is at www.contesting.com . Anyone can view the archives at http://lists.contesting.com/mailman/listinfo/RTTY , but if you want to post you will have to subscribe (you can set your preferences not to receive individual e-mails, just like at Yahoo).

73,
Rich VE3IAY

--- In TS-850_450_690@yahoogroups.com, Russell Blair <russell_blair86@y...> wrote:
>
> Can some one point me to a group for RTTY user's
>
> Russell
> (WT7D)
>
> ---
> Do You Yahoo!?
> Tired of spam? Yahoo! Mail has the best spam protection around
> http://mail.yahoo.com
>

4211. Re: [TS-850_450_690] Re: Looking for a Yahoo group for RTTY users

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-01-11 19:37:18 UTC
From: Russell Blair
Topic: 4209 Message: 4211

Thanks Rich
I will look into it

73 Russell

--- Richard Ferch <ve3iay@...> wrote:

> I am not familiar with any Yahoo groups specifically
> for RTTY, other
> than those for individual software like MMTTY, but
> the most popular
> RTTY e-mail reflector is at www.contesting.com .
> Anyone can view the
> archives at
> http://lists.contesting.com/mailman/listinfo/RTTY ,
> but
> if you want to post you will have to subscribe (you
> can set your
> preferences not to receive individual e-mails, just
> like at Yahoo).
>
> 73,
> Rich VE3IAY
>
>
> --- In TS-850_450_690@yahoogroups.com, Russell Blair
>
> <russell_blair86@y...> wrote:
> >
> > Can some one point me to a group for RTTY user's
> >
> > Russell
> > (WT7D)
> >
> > _____
> > Do You Yahoo!?
> > Tired of spam? Yahoo! Mail has the best spam
> protection around
> > http://mail.yahoo.com
> >
>
>
>
>
>

Do You Yahoo!?
Tired of spam? Yahoo! Mail has the best spam protection around
http://mail.yahoo.com

4212. no difference between lsb and usb

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-01-11 22:50:37 UTC
From: jason
Topic: 4212 Message: 4212

Hi All

Just got my hands on a kenwood ts850s and what i have found with this radio is that when i'm listening to a signal on lsb and switch across to usb there is no difference at all, when i'm on usb ,lsb sounds the same?.
Anyone had this prob and what could be wrong?.

cheers from Jason ZL2FT.

4213. Re: no difference between lsb and usb

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-01-11 23:14:51 UTC
From: jason
Topic: 4212 Message: 4213

--- In TS-850_450_690@yahoogroups.com, "jason" <wja@x...> wrote:
>
> Hi All
>
> Just got my hands on a kenwood ts850s and what i have found with
this
> radio is that when i'm listening to a signal on lsb and switch
across
> to usb there is no difference at all, when i'm on usb ,lsb sounds
the
> same?.
> Anyone had this prob and what could be wrong?.
>
> cheers from Jason ZL2FT.
>
just foundout that on tx there is still a differnce between lsb and
usb so thats good, but still no diff on rx between lsb and usb.
Filters??

cheers from jason.

4214. Re: no difference between lsb and usb

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-01-11 23:23:15 UTC
From: max_ve3tmt
Topic: 4212 Message: 4214

--- In TS-850_450_690@yahoogroups.com, "jason" <wja@x...> wrote:
>
> Hi All
>
> Just got my hands on a kenwood ts850s and what i have found with this
> radio is that when i'm listening to a signal on lsb and switch across
> to usb there is no difference at all, when i'm on usb ,lsb sounds the
> same?.
> Anyone had this prob and what could be wrong?.
>
> cheers from Jason ZL2FT.
>

Jason,

What is your filter bandwidth set at on receive? If you are too wide
you will hear the signal on both sidebands. Set both filters to the
2.7 position and try again.

Max

4215. Re: [TS-850_450_690] no difference between lsb and usb

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-01-11 23:29:15 UTC
From: ve3wej
Topic: 4212 Message: 4215

depends on the signal. if you are listening to an AM then upper and lower of that am could sound the same., but I definitly hear a difference on my 850.....

----- Original Message -----
From: jason
To: TS-850_450_690@yahoogroups.com
Sent: Wednesday, January 11, 2006 5:50 PM
Subject: [TS-850_450_690] no difference between lsb and usb

Hi All

Just got my hands on a kenwood ts850s and what i have found with this
radio is that when i'm listening to a signal on lsb and switch across
to usb there is no difference at all, when i'm on usb ,lsb sounds the
same?.
Anyone had this prob and what could be wrong?.

cheers from Jason ZL2FT.

THANKS FOR USING TS-850_450_690@...

YAHOO! GROUPS LINKS

a.. Visit your group "TS-850_450_690" on the web.

b.. To unsubscribe from this group, send an email to:
TS-850_450_690-unsubscribe@yahoogroups.com

c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

No virus found in this incoming message.
Checked by AVG Free Edition.
Version: 7.1.371 / Virus Database: 267.14.17/226 - Release Date: 10/01/2006

[Non-text portions of this message have been removed]

4216. Re: [TS-850_450_690] no difference between lsb and usb

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-01-11 23:37:15 UTC
From: Zack Widup
Topic: 4212 Message: 4216

First off, make sure that the knobs of the slope tuning (lower right corner) are set correctly. The outer (larger) knob should be fully counterclockwise and the inner (smaller) knob should be fully clockwise.

Zack W9SZ

On Wed, 11 Jan 2006, jason wrote:

> Hi All
>
> Just got my hands on a kenwood ts850s and what i have found with this
> radio is that when i'm listening to a signal on lsb and switch across
> to usb there is no difference at all, when i'm on usb ,lsb sounds the
> same?.
> Anyone had this prob and what could be wrong?.
>
> cheers from Jason ZL2FT.
>

4217. Re: [TS-850_450_690] Interface

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-01-12 03:01:45 UTC
From: Tom Osborne
Topic: 4194 Message: 4217

Hi

I'm sure if you emailed Neil and asked him, he would probably work out
something for you. GL
Tom W7WHY

>
> Unfortunately my country is unlisted at paypal.
>
> Pse tell me how I can get this gear?
>
> 73, de yd ? nho

4218. Re: [TS-850_450_690] Looking for a Yahoo group for RTTY users

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-01-12 03:31:38 UTC
From: Tom Osborne
Topic: 4209 Message: 4218

Hi Russell

Go to www.cq-contest.com and there is a place to subscribe to the rtty group. Scroll down the left side to "rtty." 73
Tom W7WHY

> Can some one point me to a group for RTTY user's
>
> Russell
> (WT7D)
>
> _____
> Do You Yahoo!?
> Tired of spam? Yahoo! Mail has the best spam protection around
> http://mail.yahoo.com
>
>
> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
>
>
>
>
>
>
>

4219. Re: [TS-850_450_690] Interface

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-01-12 03:54:57 UTC
From: Wowok
Topic: 4194 Message: 4219

Thank you Tom,

I have sent an email to Neil.
For your information, and also for my friends in unlisted country,
Neil also receives an International Bank transfer.

Best Regards,

dy YD?NHO

----- Original Message -----
From: "Tom Osborne" <w7why@

> Hi
>
> I'm sure if you emailed Neil and asked him, he would probably work out
> something for you. GL
> Tom W7WHY

--
No virus found in this outgoing message.
Checked by AVG Anti-Virus.
Version: 7.0.289 / Virus Database: 267.14.17 - Release Date: 1/10/2006

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4220. Re: [TS-850_450_690] Looking for a Yahoo group for RTTY users

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-01-12 03:57:43 UTC
From: Tom Osborne
Topic: 4209 Message: 4220

Oops, I meant www.contesting.com (as someone else already pointed out). 73
Tom W7WHY

>
> Go to www.cq-contest.com and there is a place to subscribe to the rtty
> group. Scroll down the left side to "rtty." 73
> Tom W7WHY
>
>
>
>> Can some one point me to a group for RTTY user's
>>
>> Russell
>> (WT7D)
>>
>> ---
>> Do You Yahoo!?
>> Tired of spam? Yahoo! Mail has the best spam protection around
>> http://mail.yahoo.com
>>
>>
>> THANKS FOR USING TS-850_450_690@...
>> Yahoo! Groups Links
>>
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>>
>
>
>
> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
>
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>

4221. Re: [TS-850_450_690] Looking for a Yahoo group for RTTY users

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-01-12 13:04:37 UTC
From: Russell Blair
Topic: 4209 Message: 4221

Tom, I missed something cant find the (rtty) to
subscribe too.

Russell

--- Tom Osborne <w7why@...> wrote:

> Hi Russell
>
> Go to www.cq-contest.com and there is a place to
> subscribe to the rtty
> group. Scroll down the left side to "rtty." 73
> Tom W7WHY
>
>
>
> > Can some one point me to a group for RTTY user's
> >
> > Russell
> > (WT7D)
> >
> > _____
> > Do You Yahoo!?
> > Tired of spam? Yahoo! Mail has the best spam
> protection around
> > http://mail.yahoo.com
> >
> >
> > THANKS FOR USING TS-850_450_690@...
> > Yahoo! Groups Links
> >
> >
> >
> >
> >
> >
> >
> >
>
>

Do You Yahoo!?
Tired of spam? Yahoo! Mail has the best spam protection around
http://mail.yahoo.com

4222. Re: [TS-850_450_690] Looking for a Yahoo group for RTTY users

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-01-12 13:05:22 UTC
From: Russell Blair
Topic: 4209 Message: 4222

Tom, now I found it thanks

73 Russell

--- Tom Osborne <w7why@...> wrote:

> Oops, I meant www.contesting.com (as someone else
> already pointed out). 73
> Tom W7WHY
>
> >
> > Go to www.cq-contest.com and there is a place to
> subscribe to the rtty
> > group. Scroll down the left side to "rtty." 73
> > Tom W7WHY
> >
> >
> >
> >> Can some one point me to a group for RTTY user's
> >>
> >> Russell
> >> (WT7D)
> >>
> >>
> _____
> >> Do You Yahoo!?
> >> Tired of spam? Yahoo! Mail has the best spam
> protection around
> >> http://mail.yahoo.com
> >>
> >>
> >> THANKS FOR USING TS-850_450_690@...
> >> Yahoo! Groups Links
> >>
> >>
> >>
> >>
> >>
> >>
> >>
> >>
> >
> >
> >
> > THANKS FOR USING TS-850_450_690@...
> > Yahoo! Groups Links
> >

> >
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> >
> >
> >
> >
>

_____
Do You Yahoo!?
Tired of spam? Yahoo! Mail has the best spam protection around
http://mail.yahoo.com

4223. Only 75watts max peak on ssb

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-01-12 22:00:27 UTC
From: jason
Topic: 4223 Message: 4223

Hi All

I have read that these radios can have a lower powerout than 100watts
on sbb, mine is peaking at 75watts max in ssb mode.
In fm and am mode with a carrier it is at 100 watts output.
What i'm thinking of doing is adjusting the power output pot until it
peaks at 110 watts in ssb.
Has anyone else done this adjustment?
My ts50 has alot more drive peaking at 120watts regularly in ssb mode,
so i'm hopeing to get the 850s peak at least at 100 watts (where as at
the moment it's only between 50-75 watts max at full power).

cheers from Jason ZL2FT.

4224. Re: no difference between lsb and usb

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-01-12 22:04:33 UTC
From: jason
Topic: 4212 Message: 4224

--- In TS-850_450_690@yahoogroups.com, Zack Widup <w9sz@p...> wrote:
>
> First off, make sure that the knobs of the slope tuning (lower
right
> corner) are set correctly. The outer (larger) knob should be fully
> counterclockwise and the inner (smaller) knob should be fully
clockwise.
>
> Zack W9SZ
>
>
> On Wed, 11 Jan 2006, jason wrote:
>
> > Hi All
> >
> > Just got my hands on a kenwood ts850s and what i have found with
this
> > radio is that when i'm listening to a signal on lsb and switch
across
> > to usb there is no difference at all, when i'm on usb ,lsb
sounds the
> > same?.
> > Anyone had this prob and what could be wrong?.
> >
> > cheers from Jason ZL2FT.
> >
>
Hi Zack
Thanks for the reply , tried the slope as you mentioned but no
difference still between usb and lsb on rx.
It's not a AM sig i,m listening too as someone mentioned.
Also tried the filter settings and found that the 2.7k settings
helped but the rx was tinny and thin on ssb.

cheers from Jason zl2ft

4225. Re: [TS-850_450_690] Only 75watts max peak on ssb

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-01-12 22:09:55 UTC
From: Paul
Topic: 4223 Message: 4225

Mine has run at ~100 watts since new.

Read on a Nye peak meter.

Paul - K2BK

jason wrote:

> Hi All
>
> I have read that these radios can have a lower powerout than 100watts
> on sbb, mine is peaking at 75watts max in ssb mode.
> In fm and am mode with a carrier it is at 100 watts output.
> What i'm thinking of doing is adjusting the power output pot until it
> peaks at 110 watts in ssb.
> Has anyone else done this adjustment?
> My ts50 has alot more drive peaking at 120watts regularly in ssb mode,
> so i'm hopeing to get the 850s peak at least at 100 watts (where as at
> the moment it's only between 50-75 watts max at full power).
>
> cheers from Jason ZL2FT.
>
>
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>
> THANKS FOR USING TS-850_450_690@...
>
>
> --
> YAHOO! GROUPS LINKS
>
> * Visit your group "TS-850_450_690
> <http://groups.yahoo.com/group/TS-850_450_690>" on the web.
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> Service <http://docs.yahoo.com/info/terms/>.
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> --
>

4226. Re: no difference between lsb and usb

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-01-12 23:04:39 UTC
From: max_ve3tmt
Topic: 4212 Message: 4226

--- In TS-850_450_690@yahoogroups.com, "jason" <wja@x...> wrote:

> Hi Zack
> Thanks for the reply , tried the slope as you mentioned but no
> difference still between usb and lsb on rx.
> It's not a AM sig i,m listening too as someone mentioned.
> Also tried the filter settings and found that the 2.7k settings
> helped but the rx was tinny and thin on ssb.
>
> cheers from Jason zl2ft
>

Sounds like the carrier point is out of adjustment. Does it sound
tinny on one sideband only?

Max

4227. Re: Only 75watts max peak on ssb

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-01-12 23:50:06 UTC
From: Dave
Topic: 4223 Message: 4227

Whistle into the microphone. The peak SSB power is about that amount.

I have never met a peak-reading power meter that correctly responds to
voice peaks. On my peak-reading Bird, I see about 75 watts peak,
while my high-speed oscilloscope is showing 100 watts. If I whistle,
the scope shows the same peak, but the Bird shows 100 watts.

Do not turn up the power on the TS-850. The PA stage can handle a
sudden infinite SWR (such as an antenna blowing over in the wind) at
100 watts, but not above there. Also, the splatter off-channel starts
getting worse rather quickly above 100 watts.

What are you using as a signal source for this measurement, and what
kind of peak reading meter are you using?

Dave W8NF

--- In TS-850_450_690@yahoogroups.com, Paul <condor@m...> wrote:
>
> Mine has run at ~100 watts since new.
>
> Read on a Nye peak meter.
>
> Paul - K2BK
>
> jason wrote:
>
> > Hi All
> >
> > I have read that these radios can have a lower powerout than 100watts
> > on sbb, mine is peaking at 75watts max in ssb mode.
> > In fm and am mode with a carrier it is at 100 watts output.
> > What i'm thinking of doing is adjusting the power output pot until it
> > peaks at 110 watts in ssb.
> > Has anyone else done this adjustment?
> > My ts50 has alot more drive peaking at 120watts regularly in ssb mode,
> > so i'm hopeing to get the 850s peak at least at 100 watts (where as at
> > the moment it's only between 50-75 watts max at full power).
> >
> > cheers from Jason ZL2FT.
> >
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> > THANKS FOR USING TS-850_450_690@Y...
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> >

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>

4228. Re: [TS-850_450_690] Re: Only 75watts max peak on ssb

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-01-12 23:59:25 UTC
From: Paul
Topic: 4223 Message: 4228

I don't whistle...

I use a two tone audio from a Kenwood SM220, into a tectronics 422 scope
with a P-7 phosphor - I get same output peak on SSB as CW and RTTY
(direct FSK).

The Nye is a very fine meter... ARRL lab tested it and found that it was
one of the best < 5% error.
Better than the Bird peak.

Paul - K2BK

Dave wrote:

> Whistle into the microphone. The peak SSB power is about that amount.
>
> I have never met a peak-reading power meter that correctly responds to
> voice peaks. On my peak-reading Bird, I see about 75 watts peak,
> while my high-speed oscilloscope is showing 100 watts. If I whistle,
> the scope shows the same peak, but the Bird shows 100 watts.
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> Do not turn up the power on the TS-850. The PA stage can handle a
> sudden infinite SWR (such as an antenna blowing over in the wind) at
> 100 watts, but not above there. Also, the splatter off-channel starts
> getting worse rather quickly above 100 watts.
>
> What are you using as a signal source for this measurement, and what
> kind of peak reading meter are you using?
>
> Dave W8NF
>
>
> --- In TS-850_450_690@yahoogroups.com, Paul <condor@m...> wrote:
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> > Mine has run at ~100 watts since new.
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> > Read on a Nye peak meter.
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> > Paul - K2BK
> >
> > jason wrote:
> >
> > > Hi All
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> > > I have read that these radios can have a lower powerout than 100watts
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> > > In fm and am mode with a carrier it is at 100 watts output.
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> <http://groups.yahoo.com/gads?t=ms&k=Icom+ham+radio&w1=Ham+radio&w2=Craft+hobby&w3=Hobby+and+craft+supply&w4=Icom+ham+radio&w5=Yaesu+ham+radio&w6=Rules+of+the+road&c=6&s=124&.sig=IYAvWkEMqmPFmKOeCoVOuQ>
> Yaesu ham radio
> <http://groups.yahoo.com/gads?t=ms&k=Yaesu+ham+radio&w1=Ham+radio&w2=Craft+hobby&w3=Hobby+and+craft+supply&w4=Icom+ham+radio&w5=Yaesu+ham+radio&w6=Rules+of+the+road&c=6&s=124&.sig=KkQyze08wksDXb33UQkXjw>
> Rules of the road
> <http://groups.yahoo.com/gads?t=ms&k=Rules+of+the+road&w1=Ham+radio&w2=Craft+hobby&w3=Hobby+and+craft+supply&w4=Icom+ham+radio&w5=Yaesu+ham+radio&w6=Rules+of+the+road&c=6&s=124&.sig=62RmLMRb6rR0QJCPWOxM-A>
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> ---
>

4229. KJ4PW Re: Joining 850 group

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-01-13 00:11:29 UTC
From: H Mc
Topic: 4229 Message: 4229

Please complete my membership.

Thanks

Mac KJ4PW

_____
On the road to retirement? Check out MSN Life Events for advice on how to
get there! http://lifeevents.msn.com/category.aspx?cid=Retirement

4230. Slow or no Rx upon turn-on!

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-01-13 00:32:31 UTC
From: H.L.
Topic: 4230 Message: 4230

Hello All,

"SLOW turn-on gone to NO Rx upon turn-on" Ideas anyone??

I'm new but have been reading mail. I've had my 850S/AT for fifteen years, since new, and have done little other than align occasionally and replace a memory battery, not particularly needed, every few years.

HOWEVER, recently I have experienced new meaning to SLOW upon "turn-on". Now, the rig will frequently not start receiving signals at all unless I allow it to "warm" a little and then I have to turn it on/off (slowly) a couple of times in order for it to begin receiving understandable signals.

I called Kenwood East and they said to send it in - however, before I do that have any of you experienced or heard about this little quirk???

Thanks Mac KJ4PW

4231. PC radio interface

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-01-13 01:58:52 UTC
From: Phono-Guy
Topic: 4231 Message: 4231

I've been considering one of these for awhile, and I
would
soon like to try my luck at some digital modes, so I'm
trying to
see what others are using? I was about to get a
WestMountain unit, but then I saw a posting here for
the Tigertronics interfaces which look like they would
work just fine, and are less
expensive. I have older & new Kenwood radios so would
like to have a interface that would work equally well
with all.
Any info appreciated,
73,
Clint - WS1V

_____
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http://mail.yahoo.com

4232. Re: [TS-850_450_690] PC radio interface

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-01-13 02:03:36 UTC
From: Tom Osborne
Topic: 4231 Message: 4232

Hi Clint

I use the RASCAL interfaces here. You can see them at www.packetradio.com.
I have one on a Yaesu FT-840 and TS-450SAT. The neat thing about the one for
the Kenwood is that I ordered it wired for FSK and it just plugs into the
back of the rig and works great. Price is right too. 73 and GL
Tom W7WHY

> I've been considering one of these for awhile, and I
> would
> soon like to try my luck at some digital modes, so I'm
> trying to
> see what others are using? I was about to get a
> WestMountain unit, but then I saw a posting here for
> the Tigertronics interfaces which look like they would
> work just fine, and are less
> expensive. I have older & new Kenwood radios so would
> like to have a interface that would work equally well
> with all.
> Any info appreciated,
> 73,
> Clint - WS1V
>
> _____
> Do You Yahoo!?
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>
> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
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4233. goodbye 850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-01-13 17:39:52 UTC
From: k4pdm
Topic: 4233 Message: 4233

It was with much sadness that I bid goodbye to my TS-850SAT
yesterday after selling it on qth.com.

My situation now is that I can only afford to keep one rig around,
and I probably made 3 QSOs per week on the 850. Once I get a do-it-
all mobile rig, I'll probably be much more active.

Of course, there is nothing to keep me from later selling the little
radio and buying another 850 if I choose, but even so, it is tough
to give up a radio that looks so good and works so well.

There is no real point to this post, other than to share my feelings
with others who can relate! At least, I hope you can, at least a
little.

Goodbye 850! May your RF spend many more years bouncing hither and
yon from the ionosphere, circling the globe, bringing DX and
conversation to other lucky owners, as you continue to outperform
future generations of digital, flashy "space ranger" radios.
73,
Paul K4PDM

4234. Re: [TS-850_450_690] goodbye 850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-01-13 18:24:20 UTC
From: Rich Dailey, N8UX.
Topic: 4233 Message: 4234

>My situation now is that I can only afford to keep one rig around,
>and I probably made 3 QSOs per week on the 850. Once I get a do-it-
>all mobile rig, I'll probably be much more active.

Hi Paul. I recently found myself in a similar situation and had to part
with a *really* nice rig (not a kenwood). I feel fortunate though that it was
not my only rig, and that there are many others who have had to give up
hf operating altogether due to circumstances beyond their control.

I guess those moments occur to all of us, but I've found that the enjoyment
is still there, and that's what counts. I may end up bumping two
wires together
to key a qrp rig, but it will still be fun.

73 & GB,
Rich, N8UX.

4235. Re: [TS-850_450_690] goodbye 850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-01-13 18:56:41 UTC
From: Rich Dailey, N8UX.
Topic: 4233 Message: 4235

>Hi Paul. I recently found myself in a similar situation and had to part
>with a *really* nice rig (not a kenwood). I feel fortunate though that it was

Sorry - please don't misunderstand the context of my statement. I didn't
mean that Kenwoods are not nice rigs - they are some of the very
best. I should
have said "really expensive rig". Well, actually not that Kenwoods
are cheap...um...
hope you all know what I mean.

Ok, I'm done digging my hole - I'll just go ahead and jump in it now.

Rich, N8UX.

4236. Re: [TS-850_450_690] goodbye 850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-01-13 19:17:08 UTC
From: Paul Manuel
Topic: 4233 Message: 4236

--- "Rich Dailey, N8UX." <redailey@...> wrote:>
> Sorry - please don't misunderstand the context of my statement. I didn't mean that Kenwoods are not nice rigs - they are some of the very best.

Hi Rich,
No problem, thanks for the comments. I understand what you mean.
73,
Paul K4PDM

Do You Yahoo!?
Tired of spam? Yahoo! Mail has the best spam protection around
http://mail.yahoo.com

4238. Re: goodbye 850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-01-13 20:01:49 UTC
From: max_ve3tmt
Topic: 4233 Message: 4238

Paul,

I have been in your exact position three times in the past, meaning the 850 I now use is my fourth! Each time I sold or traded the others, I could have kicked myself. But I did, again and again. I felt very fortunate to find this one in the shape it was, and after giving it a nice new front panel it looks just like new. This one will stay in my shack forever. I agree, something about the look of the Kenwood mesmorizes you. I think the only other rig I've owned that I liked as much was the FT-920, I would love to have one of those again. I hope you still participate in the group, I know it was hard for me when I was without mine, but we value every members input.

Max

4239. Re: Only 75watts max peak on ssb

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-01-14 00:27:52 UTC
From: Dave
Topic: 4223 Message: 4239

The Bird peak kit can be calibrated to be within 1% of the non-peak reading. The challenge lies in the response time. A single CW "dit" brings the meter to the peak value. However, a two-tone SSB signal has a rounded, not a square, top, and that's why the Bird peak meter fails on SSB peaks - as do the three non-Bird peak add-ons for the 43 that I have tested.

I do what you do - I use a 'scope, and perform a relative cal of the scope.

73,

Dave W8NF

--- In TS-850_450_690@yahoogroups.com, Paul <condor@m...> wrote:
>
> I don't whistle...
>
> I use a two tone audio from a Kenwood SM220, into a tectronics 422 scope
> with a P-7 phosphor - I get same output peak on SSB as CW and RTTY
> (direct FSK).
>
> The Nye is a very fine meter... ARRL lab tested it and found that it was
> one of the best < 5% error.
> Better than the Bird peak.
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> Paul - K2BK
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> Dave wrote:
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> > Whistle into the microphone. The peak SSB power is about that amount.
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> > voice peaks. On my peak-reading Bird, I see about 75 watts peak,
> > while my high-speed oscilloscope is showing 100 watts. If I whistle,
> > the scope shows the same peak, but the Bird shows 100 watts.
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> > Do not turn up the power on the TS-850. The PA stage can handle a
> > sudden infinite SWR (such as an antenna blowing over in the wind) at
> > 100 watts, but not above there. Also, the splatter off-channel starts
> > getting worse rather quickly above 100 watts.
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> > What are you using as a signal source for this measurement, and what

> > kind of peak reading meter are you using?
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> > Dave W8NF
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> > Hobby and craft supply
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> > Yaesu ham radio
> >
<http://groups.yahoo.com/gads?t=ms&k=Yaesu+ham+radio&w1=Ham+radio&w2=Craft+hobby&w3=Hobby+and+craft+supply&w4=Icom+ham+radio&w5=Yaesu+ham+radio&w6=Rules+of+the+road&c=6&s=124&.sig=KkQyze08wksDXb33UQkXjw>

> > Rules of the road
> >
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> >
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> > Service <http://docs.yahoo.com/info/terms/>.
> >
> >
> >

> >
>

4240. Re: goodbye 850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-01-14 00:29:20 UTC
From: Dave
Topic: 4233 Message: 4240

What? You mean the '850 is not a mobile rig? That must be what I've
been doing wrong.... ;)

Dave W8NF

--- In TS-850_450_690@yahoogroups.com, "k4pdm" <k4pdm@y...> wrote:
>
> It was with much sadness that I bid goodbye to my TS-850SAT
> yesterday after selling it on qth.com.
>
> My situation now is that I can only afford to keep one rig around,
> and I probably made 3 QSOs per week on the 850. Once I get a do-it-
> all mobile rig, I'll probably be much more active.
>
> Of course, there is nothing to keep me from later selling the little
> radio and buying another 850 if I choose, but even so, it is tough
> to give up a radio that looks so good and works so well.
>
> There is no real point to this post, other than to share my feelings
> with others who can relate! At least, I hope you can, at least a
> little.
>
> Goodbye 850! May your RF spend many more years bouncing hither and
> yon from the ionosphere, circling the globe, bringing DX and
> conversation to other lucky owners, as you continue to outperform
> future generations of digital, flashy "space ranger" radios.
> 73,
> Paul K4PDM
>

4241. Relays and surge supressor for TS-690

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-01-14 00:30:21 UTC
From: n8fau15
Topic: 4241 Message: 4241

Hello All:

My TS690 is very ill. I took it apart and found K17 (MATSUSHITA DS1E-M-DC12V) and D12 (looks like the pix on the start page of this group)smoked.

Anyone know of a source for these parts? Just need something that will fit into the PC board.

Thanks

Bob Rogers
N8FAU

4242. Re: [TS-850_450_690] Relays and surge supressor for TS-690

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-01-14 00:48:25 UTC
From: ve3wej
Topic: 4241 Message: 4242

have you checked east coast transistor (kenwoodparts.com????)

----- Original Message -----
From: n8fau15
To: TS-850_450_690@yahoogroups.com
Sent: Friday, January 13, 2006 7:30 PM
Subject: [TS-850_450_690] Relays and surge supressor for TS-690

Hello All:

My TS690 is very ill. I took it apart and found K17 (MATSUSHITA
DS1E-M-DC12V) and D12 (looks like the pix on the start page of this
group)smoked.

Anyone know of a source for these parts? Just need something that will
fit into the PC board.

Thanks

Bob Rogers
N8FAU

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Checked by AVG Free Edition.
Version: 7.1.371 / Virus Database: 267.14.17/228 - Release Date: 12/01/2006

[Non-text portions of this message have been removed]

4243. Re: [TS-850_450_690] Re: goodbye 850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-01-14 01:17:34 UTC
From: Paul Manuel
Topic: 4233 Message: 4243

--- Dave <emailw8nf@...> wrote:
> What? You mean the '850 is not a mobile rig? That must be what I've
been doing wrong.... ;)

Seriously, Dave, I did consider using the 850 in the seat next to me, as I only use ham radio when driving alone anyway. I have used some fairly large radios that way. But the idea of lugging that beautiful piece of equipment back and forth from the car, possibly bumping and scratching it, did not appeal to me. I have worked some mobile 850s, so I know people do it...
73,
Paul K4PDM

_____
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Tired of spam? Yahoo! Mail has the best spam protection around
http://mail.yahoo.com

4244. Re: Relays and surge supressor for TS-690

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-01-14 01:54:02 UTC
From: n8fau15
Topic: 4241 Message: 4244

--- In TS-850_450_690@yahoogroups.com, "ve3wej" <ve3wej@c...> wrote:
>
> have you checked east coast transistor (kenwoodparts.com????)
>
>
>
> ----- Original Message -----
> From: n8fau15
> To: TS-850_450_690@yahoogroups.com
> Sent: Friday, January 13, 2006 7:30 PM
> Subject: [TS-850_450_690] Relays and surge supressor for TS-690
>
>
> Hello All:
>
> My TS690 is very ill. I took it apart and found K17 (MATSUSHITA
> DS1E-M-DC12V) and D12 (looks like the pix on the start page of this
> group)smoked.

No I haven't.... I'll give them a try!!!!

Tnx

Bob
N8FAU
>
> Anyone know of a source for these parts? Just need something that will
> fit into the PC board.
>
>
> Thanks
>
> Bob Rogers
> N8FAU
>
>
>
>
>
>
>
> THANKS FOR USING TS-850_450_690@Y...
>
>
>
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>
>

> YAHOO! GROUPS LINKS
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>
>
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12/01/2006
>
>
> [Non-text portions of this message have been removed]
>

4245. Re: [TS-850_450_690] Re: goodbye 850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-01-14 01:54:53 UTC
From: Dan Goodwin
Topic: 4233 Message: 4245

I've used both my TS850 and TS50 mobile here in
VO1'land. The tuner on the 850 will tune just about
anything you throw at it. Not the safest place for the
rig strapped in the front passenger seat BTW, HI!

73,
Dan
VO1MX VO2ZZ

--- Paul Manuel <k4pdm@...> wrote:

--- Dave <emailw8nf@...> wrote:
> What? You mean the '850 is not a mobile rig? That
must be what I've
been doing wrong.... ;)

Seriously, Dave, I did consider using the 850 in the
seat next to me, as I
only use ham radio when driving alone anyway. I have
used some fairly
large radios that way. But the idea of lugging that
beautiful piece of
equipment back and forth from the car, possibly
bumping and scratching it,
did not appeal to me. I have worked some mobile 850s,
so I know people do
it...
73,
Paul K4PDM

_____
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4246. part numbers TS690 K17 D12

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-01-14 02:08:02 UTC
From: n8fau15
Topic: 4246 Message: 4246

Don't have access to my manual. I need part numbers for the following:

K17 and D12.

Thanks

Bob
N8FAU

4247. Re: [TS-850_450_690] Relays and surge supressor for TS-690

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-01-14 03:04:32 UTC
From: ve3wej
Topic: 4241 Message: 4247

can you tell me what board they are on....I have the manual and schematics here

----- Original Message -----
From: n8fau15
To: TS-850_450_690@yahoogroups.com
Sent: Friday, January 13, 2006 7:30 PM
Subject: [TS-850_450_690] Relays and surge supressor for TS-690

Hello All:

My TS690 is very ill. I took it apart and found K17 (MATSUSHITA
DS1E-M-DC12V) and D12 (looks like the pix on the start page of this
group)smoked.

Anyone know of a source for these parts? Just need something that will
fit into the PC board.

Thanks

Bob Rogers
N8FAU

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Version: 7.1.371 / Virus Database: 267.14.17/228 - Release Date: 12/01/2006

[Non-text portions of this message have been removed]

4248. Re: [TS-850_450_690] Relays and surge supressor for TS-690

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-01-14 03:11:00 UTC
From: ve3wej
Topic: 4241 Message: 4248

d12 part number is dsa301la.....available at kenwoodparts.com (east coast transistor) for 14.35 + shipping

dont see any kenwood part number shown for the relay
Ve3wej/Ve3ie
Dave Garber
----- Original Message -----
From: n8fau15
To: TS-850_450_690@yahoogroups.com
Sent: Friday, January 13, 2006 7:30 PM
Subject: [TS-850_450_690] Relays and surge supressor for TS-690

Hello All:

My TS690 is very ill. I took it apart and found K17 (MATSUSHITA DS1E-M-DC12V) and D12 (looks like the pix on the start page of this group)smoked.

Anyone know of a source for these parts? Just need something that will fit into the PC board.

Thanks

Bob Rogers
N8FAU

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---

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Version: 7.1.371 / Virus Database: 267.14.17/228 - Release Date: 12/01/2006

[Non-text portions of this message have been removed]

4249. Problems with AT TUNE Ts-690 Pleace

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-01-15 03:25:55 UTC
From: ce2jlb
Topic: 4249 Message: 4249

Problems with AT TUNE
I have a Ts-690 and I form the option Power + Ent, menu 1. ON and
button AT Tune do not happen to CW
that?

Pleace

73'S
Joel
CE2JLB

Problemas con el AT TUNE
tengo un Ts-690 y configuro la opción Power + Ent , menu 1. ON y
el boton At Tune y no pasa a CW
Por que ?

4250. Re: ACC2 PLUG

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-01-15 03:43:37 UTC
From: ce2jlb
Topic: 4162 Message: 4250

Hola amigo

Revisa esta Web

Yo tengo unTs-690 y funciono muy bien

http://www.upei.ca/~seeler/

73

Joel
CE2JLB

--- In TS-850_450_690@yahoogroups.com, Russell Blair
<russell_blair86@y...> wrote:
>
> Now that I have the ACC2 plugs, and looking in the
> book to connect up the sound card to the plug it looks
> like for (AFSK) from the sound card output is on pins
> 3&4 labled as (AF INPUT)and the rec audio to the radio
> labled (Moduration output)is on pins 11&12.
> Oh my radio is a TS-450S, Now do I still need the
> 100:1 pad from the sound card output to the input to
> the radio as needed when I was using the mic as the
> radio input. Can any one tell if this wright or do I
> have all this backwords. It kinda hard to tell from
> the drawing in the book because all of the arrows
> point out from the radio.
>
> Russell
>
>
>
> _____
> Yahoo! DSL ☐ Something to write home about.
> Just $16.99/mo. or less.
> dsl.yahoo.com
>

4251. Re: goodbye 850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-01-15 17:26:44 UTC
From: Dave
Topic: 4233 Message: 4251

When we moved state-to-state recently, my wife and I drove separate vehicles. We had VHF rigs to stay in touch with each other, and I had the '850 with me, and a collection of Hamstiks. Only a few weeks previous, I had been borrowing an Icom IC706 for mobile work. The '706 has a dreadfully phase-noisy receiver, which makes the mobile noise worse than it really is. Many hams incorrectly assume that since RXed sigs are weak in a mobile situation, that a poor RX like the IC706 is suitable. It's not. The LO phase noise spreads out the damage done by any noise source. With the '850, I could hear so much better, and the dual NBs handled the mobile noise better, as well. Of course, were I to get serious about mobile, I'd take care of some of the noise sources "at the source", as it were. But that still doesn't fix noise coming from other vehicles, so a good noise blanker is still a requirement.

Mostly, I don't work mobile. If the trip is of any length, my wife is with me, and I prefer to QSO her with baseband acoustic, rather than other hams on HF. Sorry, guys... ;)

Dave W8NF

--- In TS-850_450_690@yahoogroups.com, Paul Manuel <k4pdm@y...> wrote:
>
>
>
> --- Dave <emailw8nf@y...> wrote:
> > What? You mean the '850 is not a mobile rig? That must be what I've
> been doing wrong.... ;)
>
> Seriously, Dave, I did consider using the 850 in the seat next to
me, as I
> only use ham radio when driving alone anyway. I have used some fairly
> large radios that way. But the idea of lugging that beautiful piece of
> equipment back and forth from the car, possibly bumping and
scratching it,
> did not appeal to me. I have worked some mobile 850s, so I know
people do
> it...
> 73,
> Paul K4PDM
>
> _____
> Do You Yahoo!?
> Tired of spam? Yahoo! Mail has the best spam protection around
> http://mail.yahoo.com
>

4252. Matsushita Relays (a substitution)

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-01-15 21:10:29 UTC
From: n8fau15
Topic: 4252 Message: 4252

I found a substitution for Matsushita Relays DS1E-M-DC12V is available as a Panasonic DS1E-M-DC12V from Digikey for under $5.00 (US).

Thanks Dave VE3WEJ for the Kenwood P/N for the supressor... Looks like I'll be back on the air within a week....

4253. 850 Power up no receive, wait, power down and up again and it works???

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-01-17 00:16:29 UTC
From: H.L.
Topic: 4253 Message: 4253

Hello Everyone!

Let me try this question another way. After 16 wonderful years of relatively trouble free service my beloved 850S/AT now shows some sign of wear and tear.

When powered up it frequently will not receive any signals. After leaving the power on for about fifteen minutes or so it can be powered down and then powered up again and frequently the receive will pick up at that point.

Have any of you heard about this problem???

KJ4PW Mac Good on QRZ

4254. Re: 850 Power up no receive, wait, power down and up again and it works???

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-01-17 04:35:32 UTC
From: ka5ivr
Topic: 4253 Message: 4254

I have a TS-850S/AT doing almost the same thing. Sometimes doing
a "hard reset" fixes the receive for a short time. Sometimes the
power up and power down trick works, but I want mine fixed too.

You are not alone. Maybe someone knows, I hope.

Stuart
KA5IVR

--- In TS-850_450_690@yahoogroups.com, "H.L." <hmcarthur2@h...>
wrote:
>
>
> Hello Everyone!
>
> Let me try this question another way. After 16 wonderful years of
> relatively trouble free service my beloved 850S/AT now shows some
sign
> of wear and tear.
>
> When powered up it frequently will not receive any signals. After
> leaving the power on for about fifteen minutes or so it can be
powered
> down and then powered up again and frequently the receive will
pick up
> at that point.
>
> Have any of you heard about this problem???
>
> KJ4PW Mac Good on QRZ
>

4255. Re: 850 Power up no receive, wait, power down and up again and it works???

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-01-17 04:39:57 UTC
From: max_ve3tmt
Topic: 4253 Message: 4255

--- In TS-850_450_690@yahoogroups.com, "ka5ivr" <ka5ivr@h...> wrote:
>
> I have a TS-850S/AT doing almost the same thing. Sometimes doing
> a "hard reset" fixes the receive for a short time. Sometimes the
> power up and power down trick works, but I want mine fixed too.
>
> You are not alone. Maybe someone knows, I hope.
>
> Stuart
> KA5IVR

When was the last time you changed the battery? Mine was doing all kinds of stupid things...no S meter reading, slope tune stopped working, memory tune quit. Never had another problem after I changed the battery.

Max

4256. Re: Items for sale

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-01-17 14:42:40 UTC
From: Fred Wolf
Topic: 3569 Message: 4256

--- In TS-850_450_690@yahoogroups.com, n7ioh <n7ioh@c...> wrote:
>
> I just sold my TS-690S and need to sell some of my other related
gear.
>
> I have for sale the Kenwood factory service manual for the
> TS-450S/690S. I bought it new from Pacific Coast Parts in August
2000.
> It is just like new as I have never needed it. It was kept in a
folder
> in my desk just in case. It also contains the Service Bulletins,
> Publication Updates, and the Parts Bulletins as of then. I am asking
> $30 plus shipping.
>

> Thanks, Al, N7IOH
>
I know this message is quite old, but I could use a copy of the 450/690
service manual. Is it still available? If yes, Paypal OK?

4257. TS 450 Mod for digital modes

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-01-17 14:48:09 UTC
From: Fred Wolf
Topic: 4257 Message: 4257

Long time lurker now making first posts! Thanks all for great reading.

Some time back, I wired up a homebrew interface to work PSK with my 450sat. Using ACC connector, it worked great, until I wanted to work some SSB. Had all kinds of noise on my xmt audio. Found a mod to the radio to drop gain on ACC audio input, but it involves going inside and working with some SMT stuff. Prefer trying any kind of external changes to get things working. Anyone have any success with the 450 and changing back and forth between phone and digital?

4258. Re: Matsushita Relays (a substitution)

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-01-17 16:17:22 UTC
From: Dan Janda
Topic: 4252 Message: 4258

I think we should always remember that
Matsushita is just Japanese for Panasonic
(actually, Panasonic is the USA/Canada brand
name used by Matsushita for their products here,
so it's more true than the bad attempt at a
joke I was trying to make).

Much of their electronic component line is
available here with the Panasonic branding.

Dan
(AA3LS)

--- In TS-850_450_690@yahoogroups.com, "n8fau15" <n8fau@w...> wrote:
>
> I found a substitution for Matsushita Relays DS1E-M-DC12V is available
> as a Panasonic DS1E-M-DC12V from Digikey for under $5.00 (US).
>
> Thanks Dave VE3WEJ for the Kenwood P/N for the supressor... Looks
> like I'll be back on the air within a week....
>

4259. Re: [TS-850_450_690] 850 Power up no receive, wait, power down and up again and it works???

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-01-17 16:26:40 UTC
From: KD5SFA
Topic: 4253 Message: 4259

Is it possible that you have a intermittant
connection between the receive side of the
T/R relay that after it warms up the thermal
expansion allows contact ? That would be a good
place to start tracing it back by injecting a signal
at that point or at least using a jumper to bypass the
relay. I have a TS-700sp that after it warms up the
receive goes away and the s-meter doesn't work as it
should. I have not had time to bench it and trace the
receive side yet. I suspect it is a bad solder joint along that
line.

73,
Jon
KD5SFA

-----Original Message-----
>From: "H.L." <hmcarthur2@...>
>Sent: Jan 16, 2006 6:16 PM
>To: TS-850_450_690@yahoogroups.com
>Subject: [TS-850_450_690] 850 Power up no receive, wait, power down and up again and it works???
>
>
>Hello Everyone!
>
>Let me try this question another way. After 16 wonderful years of
>relatively trouble free service my beloved 850S/AT now shows some sign
>of wear and tear.
>
>When powered up it frequently will not receive any signals. After
>leaving the power on for about fifteen minutes or so it can be powered
>down and then powered up again and frequently the receive will pick up
>at that point.
>
>Have any of you heard about this problem???
>
>KJ4PW Mac Good on QRZ
>
>
>
>
>
>THANKS FOR USING TS-850_450_690@...

>Yahoo! Groups Links
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4260. Re: TS 450 Mod for digital modes

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-01-17 18:14:59 UTC
From: max_ve3tmt
Topic: 4257 Message: 4260

--- In TS-850_450_690@yahoogroups.com, "Fred Wolf" <n9wf@a...> wrote:
>
> Long time lurker now making first posts! Thanks all for great reading.
>
> Some time back, I wired up a homebrew interface to work PSK with my
> 450sat. Using ACC connector, it worked great, until I wanted to work
> some SSB. Had all kinds of noise on my xmt audio. Found a mod to the
> radio to drop gain on ACC audio input, but it involves going inside and
> working with some SMT stuff. Prefer trying any kind of external
> changes to get things working. Anyone have any success with the 450
> and changing back and forth between phone and digital?
>

Fred,

What are you using for digital generation...RigBlaster, KAM etc??

There is a mod for the KAM concerning distorted audio on the 850.

http://www.mods.dk/view.php?ArticleId=1733

Another option would be to build a switch box to disconnect the audio
from the ACCY connector when not in use. Or use a Rigblaster so the
tones are disconnected when in SSB mode.

Max

4261. Re: TS 450 Mod for digital modes

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-01-17 19:21:25 UTC
From: Fred Wolf
Topic: 4257 Message: 4261

--- In TS-850_450_690@yahoogroups.com, "max_ve3tmt" <max_ve3tmt@y...>
wrote:
> > Some time back, I wired up a homebrew interface to work PSK with
my
> > 450sat. Using ACC connector, it worked great, until I wanted to
work
> > some SSB. Had all kinds of noise on my xmt audio. Found a mod
to the
> > radio to drop gain on ACC audio input, but it involves going
inside and
> > working with some SMT stuff. Prefer trying any kind of external
> > changes to get things working. Anyone have any success with the
450
> > and changing back and forth between phone and digital?
> >
>
> Fred,
>
> What are you using for digital generation...RigBlaster, KAM etc??
>
> There is a mod for the KAM concerning distorted audio on the 850.
>
> http://www.mods.dk/view.php?ArticleId=1733
>
> Another option would be to build a switch box to disconnect the
audio
> from the ACCY connector when not in use. Or use a Rigblaster so the
> tones are disconnected when in SSB mode.
>
> Max
>
Thanks for reply, Max. The same mod is recommended for the 450 used
with KAM. I'm using sound card, connecting through my interface to
the ACC input on the 450. The effect of leaving the connector in
place is seen on output rf continuously when I switch to SSB.
Without the ACC connected, there is, of course, no rf output in ssb
until some speech is presented to the mic. I think the mod to the
ACC audio input circuit might solve this problem. I will try your
idea for switching and see if I can eliminate the noise problem.
Might also try grounding the audio in, see if it has any impact on
the audio through the mic circuit.
Problem with the mod is diddling with SMT. I thought, with a good
schematic diagram, I could look at the effect of this mod, perhaps
figure out a way to do the mod external to the 450, and thus avoid
the challenge of SMT mods. Working on getting some clear drawings

for schematics and for pcb layouts for the IF Board so I can
translate the instructions from the mod into actual circuit layout.
Life can be soooo complicated some days!!

4262. Re: [TS-850_450_690] Re: TS 450 Mod for digital modes

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-01-18 02:47:38 UTC
From: Tom Osborne
Topic: 4257 Message: 4262

> Thanks for reply, Max. The same mod is recommended for the >450 used
> with KAM. I'm using sound card, connecting through >my interface to the
> ACC input on the 450. The effect of leaving >the connector in place is
> seen on output rf continuously when I >switch to SSB.

Hi

I am using a TS-450SAT here with the RASCAL interface. I leave it plugged in all the time, along with my mike. I run FSK on 1 radio and AFSK on the other. I have never had any interferance problems on either RTTY or SSB.

Make sure that your mike is not open when sending RTTY or you will pick up all sorts of noise through the mike while sending RTTY. My PTT button closes both the PTT and mike circiut. 73
Tom W7WHY

4263. Re: TS 450 Mod for digital modes

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-01-18 08:14:30 UTC
From: Richard Ferch
Topic: 4257 Message: 4263

Fred,

Just a wild guess here, but have you tried muting the sound card output (in the Windows Volume Control application) when you are on SSB? If that doesn't work, are the various signal lines connected to ACC2 all shielded?

If that works, but you don't like reconfiguring the sound card every time you go into or out of digital modes, you might investigate QuickMix (at http://www.ptpart.co.uk/quickmix/) which allows you to save the settings so you can switch more easily. On the other hand, if this trick doesn't work or you have already tried it, just ignore this!

73,
Rich VE3IAY

--- In TS-850_450_690@yahoogroups.com, "Fred Wolf" <n9wf@a...> wrote:
>
> Long time lurker now making first posts! Thanks all for great reading.
>
> Some time back, I wired up a homebrew interface to work PSK with my
> 450sat. Using ACC connector, it worked great, until I wanted to work
> some SSB. Had all kinds of noise on my xmt audio. Found a mod to the
> radio to drop gain on ACC audio input, but it involves going inside and
> working with some SMT stuff. Prefer trying any kind of external
> changes to get things working. Anyone have any success with the 450
> and changing back and forth between phone and digital?
>

4264. ts-850-dsp-100and if232c

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-01-18 13:20:03 UTC
From: ik8vze
Topic: 4264 Message: 4264

a cordial salute to all the customers of this group. Some OM uses ts-850 and dsp-100 and if 232c kenwood?
I would want an aid is possible to connect the if 232c using the dsp-100 at the same time?
which taken I must connect the if-232c, if the plug acc1 is used from the dsp-100?
Can be used the plug cont out of the dsp-100? I would want to know
If someone has already experimented or tried such logon and if it works help me ,thanks
ik8vze espedito

4265. Original and new encoderM.ch/Vfo.ch on 850, number of pin ?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-01-18 23:12:44 UTC
From: Allan
Topic: 4265 Message: 4265

Hi all,

I'd like to change the M.ch/Vfo.ch encoder on the 850sat.
So I contact kenwood France and ask them the item W02-1660-05.

I just finish to the 850 and I see that the original has 6 pins and the new one (send by Kenwood) has only 3 pins ... I see a notice with the new encoder "parts n°W02-1660-15.

But on the original encoder, only 3 pins are using so I think it's normal .

Could you confirm me that ? Because I'm not an expert on electronic.

Many thanks for your help,

Regards

Allan

_____
Nouveau : téléphonez moins cher avec Yahoo! Messenger ! Découvez les tarifs exceptionnels pour appeler la France et l'international.
Téléchargez sur http://fr.messenger.yahoo.com

4266. Re: Original and new encoderM.ch/Vfo.ch on 850, number of pin ?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-01-20 18:42:54 UTC
From: max_ve3tmt
Topic: 4265 Message: 4266

Allan,

Have you tried contacting Kenwood directly?

W02-1660-15 is the new part number for the encoder.

Max

4267. Re: ts-850-dsp-100and if232c

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-01-20 23:58:17 UTC
From: cuco303ii
Topic: 4264 Message: 4267

--- In TS-850_450_690@yahoogroups.com, "ik8vze" <ESPEDITORIZZUTI@V...>
wrote:
>
> a cordial salute to all the customers of this group. Some OM uses ts-
> 850 and dsp-100 and if 232c kenwood?
> I would want an aid is possible to connect the if 232c using the dsp-
> 100 at the same time?
> which taken I must connect the if-232c, if the plug acc1 is used from
> the dsp-100?
> Can be used the plug cont out of the dsp-100? I would want to know
> If someone has already experimented or tried such logon and if it
> works help me ,thanks
> ik8vze espedito
>
Hy Espedito,

Yes I am using TS 850 and DSP 100 with home made inteface RS 232 for
computer and it works evrything O.K.
You have to use cont out on DSP 100 for RS 232.
If you turn off DSP 100, IF 232 will not work!!!

To check up first connect RS 232 direct to TS 850 and if that working,
probably you dont have any problem to work with DSP 100.

Any problem..... just post mesage..

Gordan
9A6AIV

4268. TS450 Inrad SSB 2.1khz filter for 455khz question

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-01-21 11:02:31 UTC
From: rovntoma
Topic: 4268 Message: 4268

Hello friends
I have a idea for install filter for 455khz into my TS450.(in mamual is written that this slot only for CW 455khz optional filter).I find on net interest filter from INRAD :
"INRAD-96 TS450S/TS690 INRAD 2100Hz/455kHz for KENWOOD TS450S, TS690"

On position 8.883 I have also Inrad 2,1khz which work great.
My question:
It is some differencies between internal 2.4khz crystal and 2,1 khz optional filter on 455?Have somebody this into 450?Its good idea or "save your money"
Thanks for any answer Tom
(Sorry for my simple english)

4269. Re: TS 450 Mod for digital modes

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-01-21 03:20:44 UTC
From: Bill P.
Topic: 4257 Message: 4269

The TS450 works perfect for digital modes through the ACC connector even with a simple home brew interface using Com or Audio generated PTT at the interface. Check your sound card controls, its outputing Windows sounds PLUS RFI to the 450.

Bill k6acj

4270. KJ4PW and TX850S/AT no recieve on power up (Kenwood East, last resort)

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-01-21 21:19:49 UTC
From: H.L.
Topic: 4270 Message: 4270

OK, everyone! The 850 is on the way to Kenwood East as we speak! I will post the results of their diagnosis as soon as they let me know what they think is going on.

"Slow to turn on" is a familiar phrase for 850 owners, "receive won't turn on" is something more radical - maybe we will have this answered soon????

KJ4PW Mac

4271. Re: 850 Power up no receive, wait, power down and up again and it works???

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-01-21 21:15:43 UTC
From: H.L.
Topic: 4253 Message: 4271

--- In TS-850_450_690@yahoogroups.com, "max_ve3tmt"
<max_ve3tmt@y...> wrote:
>
> --- In TS-850_450_690@yahoogroups.com, "ka5ivr" <ka5ivr@h...>
wrote:

Hello Max:

I changed the battery because I was suspecious of it also, battery
changed about four months ago!!! The problem has actually become
progressively worse since then. I think it must be something else,
hope so anyway!!

KJ4PW Mac

> >
> > I have a TS-850S/AT doing almost the same thing. Sometimes
doing
> > a "hard reset" fixes the receive for a short time. Sometimes
the
> > power up and power down trick works, but I want mine fixed too.
> >
> > You are not alone. Maybe someone knows, I hope.
> >
> > Stuart
> > KA5IVR
>
>
> When was the last time you changed the battery? Mine was doing all
> kinds of stupid things...no S meter reading, slope tune stopped
> working, memory tune quit. Never had another problem after I
changed
> the battery.
>
> Max

>

4272. Re: [TS-850_450_690] KJ4PW and TX850S/AT no recieve on power up (Kenwood East, last resort)

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-01-21 21:24:22 UTC
From: Rich Dailey, N8UX.
Topic: 4270 Message: 4272

>"Slow to turn on" is a familiar phrase for 850 owners, "receive won't
>turn on" is something more radical - maybe we will have this answered
>soon????

I currently have two 850s I'm working on - one is considerably slower to light up than the other - a few seconds. The slow one has had the battery replaced a couple weeks ago.

Will be following your reports closely on this anomaly.

Thanks,
Rich, N8UX.

4273. What fails on the DC-DC converter board?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-01-23 20:35:16 UTC
From: Dave
Topic: 4273 Message: 4273

My '850 has developed the seeminly famous DC-DC converter problem, causing the ALC on transmit to spike high, momentarily driving the TX output to zero.

I've noted that there's a "patch repair" consisting of adding some resistors to the DC-DC converter board. This repair scares me. Without knowing the underlying cause of why a previously-functioning rig suddently behaves differently, I fear that this patch is simply covering up something, and that the symptom will come back later.

Has anybody actually determined what component(s) are going bad?

On my '850, this is not a problem that has been slowly coming - it showed up a week ago and has consistently behaved like this since then; this is a fairly clear sign that something has distinctly gone amiss, and adding resistors to "adjust" a marginal design is not the correct solution.

I'm headed toward ordering a replacement board; in the meanwhile, the rig dialed back to 10W driving my SB-220 gets me still on the air at 200W, which is more than enough for any operating I routinely do.

TIA,

Dave W8NF

4274. Re: [TS-850_450_690] What fails on the DC-DC converter board?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-01-23 21:15:32 UTC
From: ESPEDITORIZZUTI@VIRGILIO.IT
Topic: 4273 Message: 4274

tk5ep.free.fr/tech/ts850/DC-DC/DC-DC.htm
ciao from ik8vze espedito
----- Original Message -----
From: "Dave" <emailw8nf@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Monday, January 23, 2006 9:35 PM
Subject: [TS-850_450_690] What fails on the DC-DC converter board?

> My '850 has developed the seeminly famous DC-DC converter problem,
> causing the ALC on transmit to spike high, momentarily driving the TX
> output to zero.
>
> I've noted that there's a "patch repair" consisting of adding some
> resistors to the DC-DC converter board. This repair scares me.
> Without knowing the underlying cause of why a previously-functioning
> rig suddently behaves differently, I fear that this patch is simply
> covering up something, and that the symptom will come back later.
>
> Has anybody actually determined what component(s) are going bad?
>
> On my '850, this is not a problem that has been slowly coming - it
> showed up a week ago and has consistently behaved like this since
> then; this is a fairly clear sign that something has distinctly gone
> amiss, and adding resistors to "adjust" a marginal design is not the
> correct solution.
>
> I'm headed toward ordering a replacement board; in the meanwhile, the
> rig dialed back to 10W driving my SB-220 gets me still on the air at
> 200W, which is more than enough for any operating I routinely do.
>
> TIA,
>
> Dave W8NF
>
>
>
>
>
>
> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
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4275. Re: [TS-850_450_690] What fails on the DC-DC converter board?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-01-23 21:32:14 UTC
From: ESPEDITORIZZUTI@VIRGILIO.IT
Topic: 4273 Message: 4275

Also I have a problem on the ALC however the card I have preferred not to change it for the moment in how much I work all good except this small oscillation of the ALC due to the X59-1100-00 card, for hour I hold it in this way I work from 15 years hi!tk5ep.free.fr/tech/ts850/DC-DC/DC-DC.htm all it is very explained, even if the removal of the card is difficult, hello soon

----- Original Message -----
From: "Dave" <emailw8nf@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Monday, January 23, 2006 9:35 PM
Subject: [TS-850_450_690] What fails on the DC-DC converter board?

> My '850 has developed the seeminly famous DC-DC converter problem,
> causing the ALC on transmit to spike high, momentarily driving the TX
> output to zero.
>
> I've noted that there's a "patch repair" consisting of adding some
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> then; this is a fairly clear sign that something has distinctly gone
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> correct solution.
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> I'm headed toward ordering a replacement board; in the meanwhile, the
> rig dialed back to 10W driving my SB-220 gets me still on the air at
> 200W, which is more than enough for any operating I routinely do.
>
> TIA,
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> Dave W8NF
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> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links

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4276. TS850SAT

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-01-23 23:07:54 UTC
From: johnnygm7lsi@aol.com
Topic: 4276 Message: 4276

Hi Folks,
My much loved and trusty 850 has developed a fault and I wonder
if anybody else has stumbled on the one. The first thing I noticed was when I
used the auto tuner, it went thru the motions when activated, IE, the usual
whirring of the motors, but it just sends the "CAN`T TUNE TONE" after trying
to tune for the preset time. I also tried the 850`s manual tuner but no joy.
So to get back on the air quickly I purchased an MFJ949E manual tuner. While
using the MFJ to tune, I turned down the power and switched to FM and found I
wasn`t putting any power out on FM or AM. Everything else seems to be fine,
IE max power on usb/lsb.

Johnny,
GM7LSI. Elgin, Scotland.

[Non-text portions of this message have been removed]

4277. Re: TS850SAT

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-01-24 02:40:35 UTC
From: nm9p
Topic: 4276 Message: 4277

Simplest and, hopefully, not too insulting question......Does the rig put any power out while tuning? Is the CAR control turned up to make sure it is putting out power? (I have momentarily forgotten this after not having used the rig for a while...)

If CAR is turned up and still no power while tuning, you must solve the power problem before worrying about the tuner, which still probably works.

73 DE Ken - NM9P

--- In TS-850_450_690@yahoogroups.com, johnnygm7lsi@a... wrote:
>
> Hi Folks,
> My much loved and trusty 850 has developed a fault and I wonder
> if anybody else has stumbled on the one. The first thing I noticed was when I
> used the auto tuner, it went thru the motions when activated, IE, the usual
> whirring of the motors, but it just sends the "CAN`T TUNE TONE" after trying
> to tune for the preset time. I also tried the 850`s manual tuner but no joy.
> So to get back on the air quickly I purchased an MFJ949E manual tuner. While
> using the MFJ to tune, I turned down the power and switched to FM and found I
> wasn`t putting any power out on FM or AM. Everything else seems to be fine,
> IE max power on usb/lsb.
>
>
Johnny,
> GM7LSI. Elgin, Scotland.
>
>
> [Non-text portions of this message have been removed]
>

4278. Kenwood service

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-01-24 16:45:32 UTC
From: sculycat
Topic: 4278 Message: 4278

Hi Guys,

I am trying to find the Kenwood East Service Center address, phone, and email numbers. I have looked back into previous posts but that is like a needle in a haystack. Would anybody have that information or can direct me where to find it? Thanks

Eric

4279. Re: [TS-850_450_690] Kenwood service

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-01-24 16:58:32 UTC
From: Lane Giard
Topic: 4278 Message: 4279

Here you go,

Lane N7ZXP

Kenwood Service Center East
829 Lynnhaven Pkwy., Suite 130 - Virginia Beach, VA 23452
Fax: (757) 340-6809
Repairs Only: (757) 340-1702

----- Original Message -----
From: "sculycat" <kr9w@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Tuesday, January 24, 2006 8:45 AM
Subject: [TS-850_450_690] Kenwood service

> Hi Guys,
>
> I am trying to find the Kenwood East Service Center address, phone,
> and email numbers. I have looked back into previous posts but that is
> like a needle in a haystack. Would anybody have that information or
> can direct me where to find it? Thanks
>
> Eric
>
>
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> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
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4280. Re: [TS-850_450_690] Kenwood service

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-01-24 17:38:23 UTC
From: Eric
Topic: 4278 Message: 4280

Thank You Lane.

KR9W, Eric

Lane Giard wrote:

>Here you go,
>
>Lane N7ZXP
>
>Kenwood Service Center East
>829 Lynnhaven Pkwy., Suite 130 - Virginia Beach, VA 23452
>Fax: (757) 340-6809
>Repairs Only: (757) 340-1702
>
>
>
>----- Original Message -----
>From: "sculycat" <kr9w@...>
>To: <TS-850_450_690@yahoogroups.com>
>Sent: Tuesday, January 24, 2006 8:45 AM
>Subject: [TS-850_450_690] Kenwood service
>
>
>
>
>>Hi Guys,
>>
>>I am trying to find the Kenwood East Service Center address, phone,
>>and email numbers. I have looked back into previous posts but that is
>>like a needle in a haystack. Would anybody have that information or
>>can direct me where to find it? Thanks
>>
>>Eric
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>>THANKS FOR USING TS-850_450_690@...
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4281. Re: [TS-850_450_690] Kenwood service

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-01-24 17:43:48 UTC
From: Anthony W. DePrato
Topic: 4278 Message: 4281

757 340 1702
73 Tony wa4jqs

At 04:45 PM 1/24/2006 +0000, you wrote:
>Hi Guys,
>
>I am trying to find the Kenwood East Service Center address, phone,
>and email numbers. I have looked back into previous posts but that is
>like a needle in a haystack. Would anybody have that information or
>can direct me where to find it? Thanks
>
>Eric
>
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>
>THANKS FOR USING TS-850_450_690@...
>Yahoo! Groups Links
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>

QBE ZUT DE WA4JQS

ANTHONY W. (Tony) DePrato WA4JQS EXTRA - HEAVY
Since 1962
CQ DX HALL OF FAME # 35
A1-OP FISTS # 10573
South Sandwich Island Dxpedition Group
CALLS HELD:
WA4JQS/ZS1, WA4JQS/KC4, WA4JQS/4K1
ZD8JQS, V31SS,
VP8BZL, VP8SSI, 3Y0PI

[Non-text portions of this message have been removed]

4282. Re: [TS-850_450_690] Re: TS850SAT

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-01-24 22:31:46 UTC
From: johnnygm7lsi@aol.com
Topic: 4276 Message: 4282

Hi Ken,
Thanks for the advice, and no, you weren`t insulting, and yes
you were correct, I must have turned it down when I was cleaning the rig. All
working fine now thanks to you. A BIG thank you, I feel I right TWAT now.

Many thanks again, Johnny, GM7LSI. 73`s

Simplest and, hopefully, not too insulting question......Does the rig
put any power out while tuning? Is the CAR control turned up to make
sure it is putting out power? (I have momentarily forgotten this
after not having used the rig for a while...)

If CAR is turned up and still no power while tuning, you must solve
the power problem before worrying about the tuner, which still
probably works.

73 DE Ken - NM9P

--- In TS-850_450_690@yahoogroups.com, johnnygm7lsi@a... wrote:
>
> Hi Folks,
> My much loved and trusty 850 has developed a fault and
I wonder
> if anybody else has stumbled on the one. The first thing I noticed
was when I
> used the auto tuner, it went thru the motions when activated, IE,
the usual
> whirring of the motors, but it just sends the "CAN`T TUNE TONE"
after trying
> to tune for the preset time. I also tried the 850`s manual tuner
but no joy.
> So to get back on the air quickly I purchased an MFJ949E manual
tuner. While
> using the MFJ to tune, I turned down the power and switched to FM
and found I
> wasn`t putting any power out on FM or AM. Everything else seems to
be fine,
> IE max power on usb/lsb.
>
>
Johnny,
> GM7LSI. Elgin, Scotland.
>
>
> [Non-text portions of this message have been removed]
>

THANKS FOR USING TS-850_450_690@...
Yahoo! Groups Links

[Non-text portions of this message have been removed]

4283. Re: TS850SAT

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-01-26 04:13:37 UTC
From: nm9p
Topic: 4276 Message: 4283

No Problem....And don't worry about feeling like a TWAT....How do you think I knew to ask YOU if you had checked it? <guilty grin>

I felt like a real dufus after upbraiding a contester OP for having a nasy, spattering signal one day... only to find that I had left my noise blanker on and IT was causing the splatter. After turning it OFF the OM had really great audio!

What was it my BOSS said once..... something like "remove the log from your own eye before you try to remove the speck from your neighbor's eye." It works for ham radio, too!

Enjoy the 850...I love mine!

73 de Ken - NM9P

--- In TS-850_450_690@yahoogroups.com, johnnygm7lsi@a... wrote:
>
> Hi Ken,
> Thanks for the advice, and no, you weren`t insulting,
and yes
> you were correct, I must have turned it down when I was cleaning
the rig. All
> working fine now thanks to you. A BIG thank you, I feel I right
TWAT now.
>
> Many thanks again, Johnny, GM7LSI. 73`s
>
> Simplest and, hopefully, not too insulting question......Does the rig
> put any power out while tuning? Is the CAR control turned up to make
> sure it is putting out power? (I have momentarily forgotten this
> after not having used the rig for a while...)
>
> If CAR is turned up and still no power while tuning, you must solve
> the power problem before worrying about the tuner, which still
> probably works.
>
> 73 DE Ken - NM9P
>
>
>
> --- In TS-850_450_690@yahoogroups.com, johnnygm7lsi@a... wrote:
> >
> > Hi Folks,
> > My much loved and trusty 850 has developed a fault and
> I wonder

> > if anybody else has stumbled on the one. The first thing I noticed
> was when I
> > used the auto tuner, it went thru the motions when activated, IE,
> the usual
> > whirring of the motors, but it just sends the "CAN`T TUNE TONE"
> after trying
> > to tune for the preset time. I also tried the 850`s manual tuner
> but no joy.
> > So to get back on the air quickly I purchased an MFJ949E manual
> tuner. While
> > using the MFJ to tune, I turned down the power and switched to FM
> and found I
> > wasn`t putting any power out on FM or AM. Everything else seems to
> be fine,
> > IE max power on usb/lsb.
> >
> >
> Johnny,
> > GM7LSI. Elgin, Scotland.
> >
> >
> > [Non-text portions of this message have been removed]
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> THANKS FOR USING TS-850_450_690@Y...
> Yahoo! Groups Links
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> [Non-text portions of this message have been removed]
>

4284. Re: [TS-850_450_690] Re: TS850SAT

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-01-26 09:31:04 UTC
From: johnnygm7lsi@aol.com
Topic: 4276 Message: 4284

Thanks for the funnys Ken,, I just had a good chuckle, I`ve had mine a good few years too, and still loving it, Thanks again, & 73`s, Johnny

No Problem....And don't worry about feeling like a TWAT....How do you think I knew to ask YOU if you had checked it? <guilty grin>

I felt like a real dufus after upbraiding a contester OP for having a nasy, spattering signal one day... only to find that I had left my noise blanker on and IT was causing the splatter. After turning it OFF the OM had really great audio!

What was it my BOSS said once..... something like "remove the log from your own eye before you try to remove the speck from your neighbor's eye." It works for ham radio, too!

Enjoy the 850...I love mine!

73 de Ken - NM9P

--- In TS-850_450_690@yahoogroups.com, johnnygm7lsi@a... wrote:
>
> Hi Ken,
> Thanks for the advice, and no, you weren`t insulting,
and yes
> you were correct, I must have turned it down when I was cleaning
the rig. All
> working fine now thanks to you. A BIG thank you, I feel I right
TWAT now.
>
> Many thanks again, Johnny, GM7LSI. 73`s
>
> Simplest and, hopefully, not too insulting question......Does the rig
> put any power out while tuning? Is the CAR control turned up to make
> sure it is putting out power? (I have momentarily forgotten this
> after not having used the rig for a while...)
>
> If CAR is turned up and still no power while tuning, you must solve
> the power problem before worrying about the tuner, which still
> probably works.
>
> 73 DE Ken - NM9P
>
>
>
> --- In TS-850_450_690@yahoogroups.com, johnnygm7lsi@a... wrote:
> >

> > Hi Folks,
> > My much loved and trusty 850 has developed a fault and
> I wonder
> > if anybody else has stumbled on the one. The first thing I noticed
> was when I
> > used the auto tuner, it went thru the motions when activated, IE,
> the usual
> > whirring of the motors, but it just sends the "CAN`T TUNE TONE"
> after trying
> > to tune for the preset time. I also tried the 850`s manual tuner
> but no joy.
> > So to get back on the air quickly I purchased an MFJ949E manual
> tuner. While
> > using the MFJ to tune, I turned down the power and switched to FM
> and found I
> > wasn`t putting any power out on FM or AM. Everything else seems to
> be fine,
> > IE max power on usb/lsb.
> >
> >
> Johnny,
> > GM7LSI. Elgin, Scotland.
> >
> >
> > [Non-text portions of this message have been removed]
> >
>
>
>
>
>
>
> THANKS FOR USING TS-850_450_690@Y...
> Yahoo! Groups Links
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>
>
>
> [Non-text portions of this message have been removed]
>

THANKS FOR USING TS-850_450_690@...
Yahoo! Groups Links

[Non-text portions of this message have been removed]

4285. Re: Splatter

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-01-26 11:52:06 UTC
From: max_ve3tmt
Topic: 4276 Message: 4285

--- In TS-850_450_690@yahoogroups.com, "nm9p" <nm9p@y...> wrote:

I felt like a real dufus after upbraiding a contester OP for having a nasy, spattering signal one day... only to find that I had left my noise blanker on and IT was causing the splatter. After turning it OFF the OM had really great audio!

I did the same thing Ken, I was working some PSK stations down on 40m one night when a guy came on with lines all over the waterfall. It went away of course when he stopped transmitting, so I fired him a line complaining about how he was wiping out the band with his splatter. As soon as I turned of the NB it disappeared. I apologized to the guy and we had a great QSO. I notice the same effect on strong SSB signals too. Total crap to sparkling audio at the push of a button.

Max VE3TMT

4286. Re: [TS-850_450_690] Re: TS850SAT

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-01-26 15:11:46 UTC
From: Paul
Topic: 4276 Message: 4286

You started my day with a giggle - tnx!

Paul - K2BK

johnnygm7lsi@... wrote:

> What was it my BOSS said once..... something like "remove the log
> from your own eye before you try to remove the speck from your
> neighbor's eye." It works for ham radio, too!
>
> Enjoy the 850...I love mine!
>
> 73 de Ken - NM9P

4287. Re: Splatter

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-01-26 19:27:18 UTC
From: Dave
Topic: 4276 Message: 4287

For some odd reason, certain settings of the notch filter cause
received splatter too. Somehow, the notch filter can impair the
action of the receiver ALC. If that happens, backing off on the RF
gain usually helps.

I'm in constant amazement when I listen to the ESSB guys trading
signal reports. They report "40 over S9" and other preposterous
numbers. I can make the S-meter read that high, by fundamentally
operating the rig incorrectly.

I set the AIP and RX attenuators so that the background noise floor
does not move the S-meter. On 80 meters, with my 75 foot high
inverted vee, I'm usually running with AIP "on" (preamp off) and the
12dB attenuator kicked in. The noise just barely makes motion on the
S-meter. If I do this, then it's rare for me to see a 10dB over S9
signal, and the receiver sounds fairly open and clean, and the NB
seems to work better.

Our modern rigs give us lots of options for tweaking in a signal and
gtting rid of interference. Each one of those options is also an
invitation to misinterpret what we're hearing. It's worth remembering
that a receiver is not a piece of test gear.

73,

Dave W8NF

--- In TS-850_450_690@yahoogroups.com, "max_ve3tmt" <max_ve3tmt@y...>
wrote:
>
> --- In TS-850_450_690@yahoogroups.com, "nm9p" <nm9p@y...> wrote:
>
> I felt like a real dufus after upbraiding a contester OP for having a
> nasy, spattering signal one day... only to find that I had left my
> noise blanker on and IT was causing the splatter. After turning it
> OFF the OM had really great audio!
>
>
> I did the same thing Ken, I was working some PSK stations down on 40m
> one night when a guy came on with lines all over the waterfall. It
> went away of course when he stopped transmitting, so I fired him a
> line complaining about how he was wiping out the band with his
> splatter. As soon as I turned of the NB it disappeared. I apologized
> to the guy and we had a great QSO. I notice the same effect on strong
> SSB signals too. Total crap to sparkling audio at the push of a button.
>

> Max VE3TMT
>

4288. Re: Splatter

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-01-26 19:53:42 UTC
From: max_ve3tmt
Topic: 4276 Message: 4288

--- In TS-850_450_690@yahoogroups.com, "Dave" <emailw8nf@y...> wrote:
>
> For some odd reason, certain settings of the notch filter cause
> received splatter too. Somehow, the notch filter can impair the
> action of the receiver ALC. If that happens, backing off on the RF
> gain usually helps.
>
> I'm in constant amazement when I listen to the ESSB guys trading
> signal reports. They report "40 over S9" and other preposterous
> numbers. I can make the S-meter read that high, by fundamentally
> operating the rig incorrectly.
>
> I set the AIP and RX attenuators so that the background noise floor
> does not move the S-meter. On 80 meters, with my 75 foot high
> inverted vee, I'm usually running with AIP "on" (preamp off) and the
> 12dB attenuator kicked in. The noise just barely makes motion on the
> S-meter. If I do this, then it's rare for me to see a 10dB over S9
> signal, and the receiver sounds fairly open and clean, and the NB
> seems to work better.
>
> Our modern rigs give us lots of options for tweaking in a signal and
> gtting rid of interference. Each one of those options is also an
> invitation to misinterpret what we're hearing. It's worth remembering
> that a receiver is not a piece of test gear.
>
> 73,
>
> Dave W8NF

Dave,

Very interesting reading. I am going to give your observations a try. I do get a lot of noise on my vertical on 40m and 80m where I run a longwire. Of course on a lot of signals the noise is so high it is hard to hear the station. I always run my 850 with the AIP on. I don't know if my S-meter is calibrated or not, but I rarely get a 30 over 9 signal unless I put the preamp on. I have a console TV upstairs with a switching power supply that just drives me crazy. I installed a switch on the rear to shutoff the AC line when not being watched. You wouldn't believe the difference it makes.

Max

4289. Re: Splatter

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-01-27 19:12:09 UTC
From: Dave
Topic: 4276 Message: 4289

So now, thikn of a city of 100,000 homes, each one with a TV set with
a switching power supply.

That's why, when you're mobile, you can tell that you're near
population because the background noise on the lower bands rose by
20-30dB!

Dave W8NF

--- In TS-850_450_690@yahoogroups.com, "max_ve3tmt" <max_ve3tmt@y...>
wrote:
>
> --- In TS-850_450_690@yahoogroups.com, "Dave" <emailw8nf@y...> wrote:
> >
> > For some odd reason, certain settings of the notch filter cause
> > received splatter too. Somehow, the notch filter can impair the
> > action of the receiver ALC. If that happens, backing off on the RF
> > gain usually helps.
> >
> > I'm in constant amazement when I listen to the ESSB guys trading
> > signal reports. They report "40 over S9" and other preposterous
> > numbers. I can make the S-meter read that high, by fundamentally
> > operating the rig incorrectly.
> >
> > I set the AIP and RX attenuators so that the background noise floor
> > does not move the S-meter. On 80 meters, with my 75 foot high
> > inverted vee, I'm usually running with AIP "on" (preamp off) and the
> > 12dB attenuator kicked in. The noise just barely makes motion on the
> > S-meter. If I do this, then it's rare for me to see a 10dB over S9
> > signal, and the receiver sounds fairly open and clean, and the NB
> > seems to work better.
> >
> > Our modern rigs give us lots of options for tweaking in a signal and
> > gtting rid of interference. Each one of those options is also an
> > invitation to misinterpret what we're hearing. It's worth remembering
> > that a receiver is not a piece of test gear.
> >
> > 73,
> >
> > Dave W8NF
>
>
> Dave,
>
> Very interesting reading. I am going to give your observations a try.
> I do get a lot of noise on my vertical on 40m and 80m where I run a

> longwire. Of course on a lot of signals the noise is so high it is
> hard to hear the station. I always run my 850 with the AIP on. I don't
> know if my S-meter is calibrated or not, but I rarely get a 30 over 9
> signal unless I put the preamp on. I have a console TV upstairs with a
> switching power supply that just drives me crazy. I installed a switch
> on the rear to shutoff the AC line when not being watched. You
> wouldn't believe the difference it makes.
>
> Max
>

4290. Kenwood TS850 <> Acom 1000 relay wire

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-01-28 13:31:19 UTC
From: pa7two
Topic: 4290 Message: 4290

Hi Kenwood lovers,

My good old Kenwood TS850 needs to be paired with a ACOM 1000 amplifier. I would prefere full QSK operation if possible but cannot find too much info how to hook them up relay wire wise.

Has anyone done this before and like to share how to do this with me (us)?

If full QSK is not possible than the normal hookup I am also interested in, in detail please.

Looking forward to your replies,

Kind regards and 73, de Kees - pa7two

4291. the Kat-2 works ts-690???

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-01-28 22:02:00 UTC
From: ce2jlb
Topic: 4291 Message: 4291

the Kat-2 can be installo in ts-690

as I can install it
I must make modifications

thanks

4292. TS-850 ALC and tuner fixed, (finally) - humming along again

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-01-30 23:37:42 UTC
From: Dave
Topic: 4292 Message: 4292

I lost one of the DC-DC converters in the rig and had the semi-famous ALC problem. I popped open the rig to find that the board appears to have been replaced once already and the two resistors had been paralleled. Whatever it is that fails must continue to get worse even with those resistors tweaked.

PacParts got the new board to me two days after ordering it and it took but 20 minutes to install. Maybe some day I'd be up for really digging into it to find out what the weak spot is and come up with a permanent fix, but for now, boards are cheap and quick and the installation is, too. I managed to leave a solder short between two pins on the DC-DC converter board. The symptom when I turned the rig on and transmitted is that the ALC was nailed high, and the radio was delivering just under 300 watts. Glad I was transmitting into the big dummy load - into a poor SWR, that would have toasted the finals for certain!

As long as I had it open, though, I took another stab at the tuner. Mine's been screching and squawking for quite some time, even though I attempted to lube it per comments on the list.

This time, I set about really getting to the gears and stuff. Once the tuner's out of the rig, the top cover of the back half comes off with four screws, and a few plugs get unplugged. I often label plugs for what connector they go back into, but in this case, each plug has a different number of pins, so you can't reassemble incorrectly.

Some more screws come out of the front cover, which wraps around the two variable caps and motors. Then, with great care, this cover slides off the tuner towards the front. There are some tangs which capture and align the capacitors. I pried gently with a flat blade screwdriver to get these tangs over the capacitors. This has to be done several times on top and bottom. Finally, the cover slides off to the front.

Now, with the tuner out and disassembled, you can apply 12V (or 13.8V) to either motor and get the capitor to rotate. Apply the voltage in short bursts, so that you can tell if you've turned against a stop. The capacitors have no stops, but the potentiometers do, and if you try to drive the pot against the stop, you can cause the worm gear on the motor to "snap" over a tooth. That causes no misalignment, but obviously risks a broken tooth. You can see when the pot has hit the stop because the pot twists a bit when you do that. Best to avoid doing so, obviously.

You do not have to disassemble any further, for instance, removing the motors is not required. I used tri-flow teflon lube in several different spots, each time using the 12V to spin the cap from one end to the other and back several times. In the end, it turned out that the source of the screech and squawk was the motors themselves. So I upended the thing so that the motor worm gear was poking vertically up, spritzed the lightest possible bit of teflon spray, and then ran the motor back and forth to work it into the shaft. There is no way to get to the rear bearing, as far as I can tell, hopeully it's the front bearing that's in trouble.

Before I realized it was the motors themselves, I'd thought I had it and put it together- then it screeched again ,but a lot less. So I had to take it apart two times.

So, for the first time since purchasing it, my TS-850SAT does everything it's supposed to do, and does it without complaining.

My celebratory QSO for getting the rig back on the air was to work FG5FR in Guadeloupe on 30 meters.

Dave W8NF

4293. Re: TS-850 ALC and tuner fixed, (finally) - humming along again

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-01-31 14:47:51 UTC
From: max_ve3tmt
Topic: 4292 Message: 4293

--- In TS-850_450_690@yahoogroups.com, "Dave" <emailw8nf@y...> wrote:

> I lost one of the DC-DC converters in the rig and had the semi-famous
> ALC problem. I popped open the rig to find that the board appears to
> have been replaced once already and the two resistors had been
> paralleled. Whatever it is that fails must continue to get worse even
> with those resistors tweaked.

Dave,

You inspired me to fix my ALC flucuating problem. I wasn't sure if it was infact causing my problem, but I noticed on PSK31 my power would rise and fall from 25W to 50W and back and forth. I removed the 22K and put 15K in their place. After testing last night the power output is stable. I think I finally have all the bugs worked out.

Here is a question to the group,

I have the 850 set at 110W output (FM MODE) and the meter shows the same number of LED's lit on each band, one lit after the 100W mark. However the current draw from my power supply varies anywhere from 10A to about 17A according to the meter on the supply. Shouldn't the current draw be the same on every band if the power output is the same? Whch reading should I trust?

Max

4294. Re: [TS-850_450_690] Re: TS-850 ALC and tuner fixed, (finally) - humming along again

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-01-31 17:50:46 UTC
From: Paul Manuel
Topic: 4292 Message: 4294

--- max_ve3tmt <max_ve3tmt@...> wrote:
> I have the 850 set at 110W output (FM MODE) and the meter shows the
> same number of LED's lit on each band, one lit after the 100W mark.
> However the current draw from my power supply varies anywhere from 10A
> to about 17A according to the meter on the supply. Shouldn't the
> current draw be the same on every band if the power output is the
> same? Whch reading should I trust?

Max,
No, the efficiency of the rig will vary from band to band. And you cannot really trust either one as a measure of power output--you need a wattmeter of known accuracy feeding a dummy load for that.

My 850 (now sold) drew anywhere from 17 to 20 A on my Astron meter at full power, but I cannot tell you exactly how much power that was! Your 10A reading is only 138W input at 13.8V, so something is definitely reading incorrectly.

73,
Paul K4PDM

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http://mail.yahoo.com

4295. Re: TS-850 ALC and tuner fixed, (finally) - humming along again

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-01-31 17:57:32 UTC
From: max_ve3tmt
Topic: 4292 Message: 4295

--- In TS-850_450_690@yahoogroups.com, Paul Manuel <k4pdm@y...> wrote:

> Max,
> No, the efficiency of the rig will vary from band to band. And you
cannot
> really trust either one as a measure of power output--you need a
wattmeter
> of known accuracy feeding a dummy load for that.
>
> My 850 (now sold) drew anywhere from 17 to 20 A on my Astron meter
at full
> power, but I cannot tell you exactly how much power that was! Your 10A
> reading is only 138W input at 13.8V, so something is definitely reading
> incorrectly.
>
> 73,
> Paul K4PDM

Paul,

I believe it is a Pyramid supply. However I forgot to mention, my output, into the dummy load shows the same amplitude on my Heath monitor scope, or very close to the same levels.

Max

4296. Re: TS-850 ALC and tuner fixed, (finally) - humming along again

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-01-31 18:32:43 UTC
From: nm9p
Topic: 4292 Message: 4296

My $.02...
If amplifier efficiency varies with frequency, due to variations in
transistor activity, filter Q, etc., then the current drain will
change for same power output.

any other takers?

Ken - NM9P

--- In TS-850_450_690@yahoogroups.com, "max_ve3tmt" <max_ve3tmt@y...>
wrote:
>
> --- In TS-850_450_690@yahoogroups.com, "Dave" <emailw8nf@y...> wrote:
>
> > I lost one of the DC-DC converters in the rig and had the semi-famous
> > ALC problem. I popped open the rig to find that the board appears to
> > have been replaced once already and the two resistors had been
> > paralleled. Whatever it is that fails must continue to get worse even
> > with those resistors tweaked.
>
>
> Dave,
>
> You inspired me to fix my ALC flucuating problem. I wasn't sure if it
> was infact causing my problem, but I noticed on PSK31 my power would
> rise and fall from 25W to 50W and back and forth. I removed the 22K
> and put 15K in their place. After testing last night the power output
> is stable. I think I finally have all the bugs worked out.
>
> Here is a question to the group,
>
> I have the 850 set at 110W output (FM MODE) and the meter shows the
> same number of LED's lit on each band, one lit after the 100W mark.
> However the current draw from my power supply varies anywhere from 10A
> to about 17A according to the meter on the supply. Shouldn't the
> current draw be the same on every band if the power output is the
> same? Whch reading should I trust?
>
> Max
>

4297. Rig isn't humming all that well after all.

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-01-31 20:37:59 UTC
From: Dave
Topic: 4297 Message: 4297

Hmmm...I was on last night. Saw a minor version of the ALC problem show up again. On CW, mine makes a little AM modulation when the ALC problem shows up. This is with a new DC-DC converter board. Will have to dig out the 'scope and see what's up. At least you can get to the board to make measurements while the rig's running. I think, though, I'll hold off a bit; I have a higher priority project that was already interrupted by my "repair", which turned out more to be an "improvement".

Dave W8NF

4298. Re: TS-850 ALC and tuner fixed, (finally) - humming along again

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-01-31 20:36:20 UTC
From: Dave
Topic: 4292 Message: 4298

Yep, and amp gain varies with frequency. That's one purpose of the ALC system, to more or less force the amplifier into delivering the same power on each band, regardless of the amp's actual gain or saturated power capabilities.

If the rig is delivering a true 100W, then the current readings are suspect. Mine shows from 22 to 26 amps on an Astron meter at 100W output, measured on a Bird 43.

Dave W8NF

--- In TS-850_450_690@yahoogroups.com, "nm9p" <nm9p@y...> wrote:
>
> My $.02...
> If amplifier efficiency varies with frequency, due to variations in
> transistor activity, filter Q, etc., then the current drain will
> change for same power output.
>
> any other takers?
>
> Ken - NM9P
>
>
> --- In TS-850_450_690@yahoogroups.com, "max_ve3tmt" <max_ve3tmt@y...>
> wrote:
> >
> > --- In TS-850_450_690@yahoogroups.com, "Dave" <emailw8nf@y...> wrote:
> >
> > > I lost one of the DC-DC converters in the rig and had the
semi-famous
> > > ALC problem. I popped open the rig to find that the board
appears to
> > > have been replaced once already and the two resistors had been
> > > paralleled. Whatever it is that fails must continue to get
worse even
> > > with those resistors tweaked.
> >
> >
> > Dave,
> >
> > You inspired me to fix my ALC flucuating problem. I wasn't sure if it
> > was infact causing my problem, but I noticed on PSK31 my power would
> > rise and fall from 25W to 50W and back and forth. I removed the 22K
> > and put 15K in their place. After testing last night the power output
> > is stable. I think I finally have all the bugs worked out.
> >

> > Here is a question to the group,
> >
> > I have the 850 set at 110W output (FM MODE) and the meter shows the
> > same number of LED's lit on each band, one lit after the 100W mark.
> > However the current draw from my power supply varies anywhere from 10A
> > to about 17A according to the meter on the supply. Shouldn't the
> > current draw be the same on every band if the power output is the
> > same? Whch reading should I trust?
> >
> > Max
> >
>

4299. swr reading changed on tuned antenna

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-02-01 09:08:50 UTC
From: jason
Topic: 4299 Message: 4299

Hi All

I have noticed tonight that the swr reading on my 850s has gone up.
I went outside and lower the di-pole and checked it over no probs
found.
Still the swr had gone up from 1:1 to 2:5 on the resonent freq and
also on 40 the swr has changed.
So i put the antenna into my ts2000 and checked the reading and it's
tuned flat on the resonent freqs on 80/40, put it back on the 850s
and the redaings are backup to about 2:5.
The antennatuner is off and i've checked all the settings and
everything is fine, i also did a partial reset still no luck.
The radio has been going fine until now , no swr fluctuations or
backing down on power.
Now i have to use the tuner on 40 and 80 and it also is having a
problem matching the antenna on 20mtrs where in the past few weeks
its tuned the antenna fine on 20.
Has something gone wrong in the swr circuit or tuner?.

cheers from Jason zl2ft.

4300. Re: swr reading changed on tuned antenna

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-02-01 13:27:19 UTC
From: max_ve3tmt
Topic: 4299 Message: 4300

Jason,

Did you try the 850 into a dummy load bypassing the internal tuner? If so and it is still out, I would retune the SWR section.

Max

4301. Re: swr reading changed on tuned antenna

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-02-01 18:34:55 UTC
From: jason
Topic: 4299 Message: 4301

--- In TS-850_450_690@yahoogroups.com, "max_ve3tmt" <max_ve3tmt@y...>
wrote:
>
> Jason,
>
> Did you try the 850 into a dummy load bypassing the internal tuner?
If
> so and it is still out, I would retune the SWR section.
>
> Max
>
Hi Max

Yes tryed bypassing the internal tuner no luck, stll high reading.
Not sure how to retune the swr section, might have to send off to tech.
But it was good a couple of days back so can the srw section just go
out like that, suddenly?.

cheers from Jason.

4302. Re: [TS-850_450_690] swr reading changed on tuned antenna

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-02-02 02:00:19 UTC
From: Tom Osborne
Topic: 4299 Message: 4302

Hi Jason

Your radio is not on split is it? I've done that before when I forgot it
was transmitting on a different band :-) 73
Tom W7WHY

> Hi All
>
> I have noticed tonight that the swr reading on my 850s has gone up.
> I went outside and lower the di-pole and checked it over no probs
> found.
> Still the swr had gone up from 1:1 to 2:5 on the resonent freq and
> also on 40 the swr has changed.
> So i put the antenna into my ts2000 and checked the reading and it's
> tuned flat on the resonent freqs on 80/40, put it back on the 850s
> and the redaings are backup to about 2:5.
> The antennatuner is off and i've checked all the settings and
> everything is fine, i also did a partial reset still no luck.
> The radio has been going fine until now , no swr fluctuations or
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> Now i have to use the tuner on 40 and 80 and it also is having a
> problem matching the antenna on 20mtrs where in the past few weeks
> its tuned the antenna fine on 20.
> Has something gone wrong in the swr circuit or tuner?.
>
> cheers from Jason zl2ft.
>
>
>
>
>
> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
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4303. Re: [TS-850_450_690] swr reading changed on tuned antenna

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-02-02 23:20:21 UTC
From: ve3wej
Topic: 4299 Message: 4303

So i put the antenna into my ts2000 and checked the reading and it's tuned flat on the resonent freqs on 80/40

What was it without "tuning" the antenna

Find your next car at Yahoo! Canada Autos

[Non-text portions of this message have been removed]

4304. DC - DC board some info..

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-02-02 21:46:52 UTC
From: Colin J Thomson
Topic: 4304 Message: 4304

Hi..

A friend of mine sent me some details regarding the DC -DC Board, details
below:

###
Changing the resistor is *not* a permanent fix as suggested by others..
I did originally post the appropriate repair but with time this seems to
have been lost.
Q3 is a germanium transistor (god knows why) and it does go leaky.
Changing R4 may appear to fix the problem but Q3 will eventually fail
completely.
Its better to replace Q3 with a silicon PNP device. I used a BCW30 simply
because this is what I had at the time.
With a BCW30 the gain is higher so R4 needs increasing to 100K.
Once this is done the "fault" will *not* re-occur

Keith G4FUF
###

I hope this helps someone,

73es Colin G6AVK
--
Fedora Core 4, Custom Built Kernel 2.6.15-ck3
KDE-Redhat-3.5.1-1.3.fc4.kde
Registered Linux user number #342953

4305. Info

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-02-03 03:09:54 UTC
From: Lane Giard
Topic: 4305 Message: 4305

It would be nice if when things are posted, that the radio being talked about was always mentioned. as in 450-850 ect...
Thanks
Lane, N7ZXP

4306. Re: [TS-850_450_690] Info

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-02-03 03:45:52 UTC
From: Charles Mortimer
Topic: 4305 Message: 4306

hallo all
Chas. calling
I totally agree with lane about mentioning particular models
if there no model no mentioned I regard it as useless information and bin it
Chas. vk6ycj
----- Original Message -----
From: Lane Giard
To: TS-850_450_690@yahoogroups.com
Sent: Friday, February 03, 2006 11:09 AM
Subject: [TS-850_450_690] Info

It would be nice if when things are posted, that the radio being
talked about was always mentioned. as in 450-850 ect...
Thanks
Lane, N7ZXP

THANKS FOR USING TS-850_450_690@...

YAHOO! GROUPS LINKS

a.. Visit your group "TS-850_450_690" on the web.

b.. To unsubscribe from this group, send an email to:
TS-850_450_690-unsubscribe@yahoogroups.com

c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

[Non-text portions of this message have been removed]

4307. Re: swr reading changed on tuned antenna

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-02-03 05:18:43 UTC
From: jason
Topic: 4299 Message: 4307

--- In TS-850_450_690@yahoogroups.com, ve3wej <davegarberwej@...>
wrote:
>
> So i put the antenna into my ts2000 and checked the reading
and it's
> tuned flat on the resonent freqs on 80/40
>
>
> What was it without "tuning" the antenna
>
>
>
> ---------------------------------
> Find your next car at Yahoo! Canada Autos
>
> [Non-text portions of this message have been removed]
>
Hi

I was'nt using the tuner at all in the ts2000 and the antenna some
weeks back was tuned on 40 and 80mtr bands with a very good swr
acheived on the bands.
Still the 850 says that it is all out of wack, i can also put it on
a ts50 and manual ant tuner and check swr and all is good.

cheers from Jason.

4308. Re: [TS-850_450_690] 850 Info

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-02-03 05:20:43 UTC
From: Steve Beveridge
Topic: 4308 Message: 4308

Greetings folks,

Guess this is an example where the brevity in response we were implored to adopt has just gone too far! (Occums razor went too far??)

Having said that, the thread did initially indicate that it was the 850 (thus my belated addition to the Subject header).

Now while everyone (unfortunately) can't own an 850, this is the rig which does suffer from the DC:DC board problem (must admit I can't comment on the 690 or 450). Personally, I'm delighted that the 'real' culprit (on the DC-DC board) has been identified as Q3 by Keith G4FUF, so 'thank you' Keith and Colin G6AVK for passing it on.

It's already been copied into my 850 file, as I figure I will do the swap before I finally re-align the rig. I'm restoring an 850 which took a lightning strike/surge - through the PS! Given the state of the IF board, I'm glad I wasn't there when the PS went off.

Cheers
Steve VK2XWL
----- Original Message -----
From: Charles Mortimer
To: TS-850_450_690@yahoogroups.com
Sent: Friday, February 03, 2006 2:45 PM
Subject: Re: [TS-850_450_690] Info

hallo all
Chas. calling
I totally agree with lane about mentioning particular models
if there no model no mentioned I regard it as useless information and bin it
Chas. vk6ycj
----- Original Message -----
From: Lane Giard
To: TS-850_450_690@yahoogroups.com
Sent: Friday, February 03, 2006 11:09 AM
Subject: [TS-850_450_690] Info

It would be nice if when things are posted, that the radio being
talked about was always mentioned. as in 450-850 ect...
Thanks
Lane, N7ZXP

[Non-text portions of this message have been removed]

4309. ts-850 problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-02-03 05:46:41 UTC
From: setnetter99647
Topic: 4309 Message: 4309

Turned the rig on the other day and the receiver was dead, there would be static only if I turned the rf gain knob to 12 o clock, any other position would be complete silence, even at the 12 o clock position it was just static anywhere I tuned the vfo.
Anyone have this problem before?
Thanks,
Ron AL7Dx

4310. Re: DC - DC board some info..

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-02-03 06:34:14 UTC
From: Dave
Topic: 4304 Message: 4310

Colin,

That has to be the single most valuable bit of TS-850 service info I have ever seen. Anybody who's worked in reliability engineering knows that germanium transistors are a problem waiting to happen, so this completely deals with it. I presently have a DC-DC board which is "new old stock" (Pacific parts just shipped it to me a week ago as new, but the manufacturing date code appears to be 1996), with symptoms that could readily be explained by a leaky Q3.

Dave W8NF

--- In TS-850_450_690@yahoogroups.com, Colin J Thomson <colin@...> wrote:
>
> Hi..
>
> A friend of mine sent me some details regarding the DC -DC Board,
details
> below:
>
> ###
> Changing the resistor is *not* a permanent fix as suggested by others..
> I did originally post the appropriate repair but with time this
seems to
> have been lost.
> Q3 is a germanium transistor (god knows why) and it does go leaky.
> Changing R4 may appear to fix the problem but Q3 will eventually fail
> completely.
> Its better to replace Q3 with a silicon PNP device. I used a BCW30
simply
> because this is what I had at the time.
> With a BCW30 the gain is higher so R4 needs increasing to 100K.
> Once this is done the "fault" will *not* re-occur
>
> Keith G4FUF
> ###
>
> I hope this helps someone,
>
> 73es Colin G6AVK
> --
> Fedora Core 4, Custom Built Kernel 2.6.15-ck3
> KDE-Redhat-3.5.1-1.3.fc4.kde
> Registered Linux user number #342953
>

4311. Re: 850 Info

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-02-03 06:39:05 UTC
From: Dave
Topic: 4308 Message: 4311

--- In TS-850_450_690@yahoogroups.com, "Steve Beveridge" <steve.b@...>
wrote:
>

(polite snip)
>
> Now while everyone (unfortunately) can't own an 850,

And why not? At $650 used, they're cheaper than half a year's lunches
at the company cafeteria. Bring tuna sandwiches to work for six
months and you've got one. That's how I got mine!

<tongue only gently nudged against cheek>

Dave W8NF

4312. Re: DC - DC board some info..

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-02-03 12:17:30 UTC
From: max_ve3tmt
Topic: 4304 Message: 4312

--- In TS-850_450_690@yahoogroups.com, Colin J Thomson <colin@...> wrote:

I used a BCW30 simply because this is what I had at the time.
With a BCW30 the gain is higher so R4 needs increasing to 100K.
Once this is done the "fault" will *not* re-occur

The NTE equivalent for this transistor is an NTE2407 Silicon PNP
Transistor General Purpose Amp, Surface Mount

Max

4313. EVERYONE READ PLEASE

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-02-03 12:21:48 UTC
From: max_ve3tmt
Topic: 4313 Message: 4313

It is a good point to mention the radio being discussed. However as mentioned in the past, it is just as easy to do the following...

When replying to a message, keep only the original message in your reply if you choose. This will allow the readers the opportunity to read the original query as well as your reply. Some of you are replying with 3 or more replies from others in your reply. Who wants to read a reply that scrolls for 50 lines??? Not me.

So please trim your replies to make it easier for all of us to follow what is being discussed. Of course the other option is to set everyone to moderated, but I don't have that much free time to trim all the messages myself.

Max VE3TMT

4314. Re: [TS-850_450_690] ts-850 problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-02-03 14:18:15 UTC
From: ve3wej
Topic: 4309 Message: 4314

check to see if the attenuator switches have both been pressed......

Ve3wej/Ve3ie
Dave Garber
----- Original Message -----
From: setnetter99647
To: TS-850_450_690@yahoogroups.com
Sent: Friday, February 03, 2006 12:46 AM
Subject: [TS-850_450_690] ts-850 problem

Turned the rig on the other day and the receiver was dead, there would
be static only if I turned the rf gain knob to 12 o clock, any other
position would be complete silence, even at the 12 o clock position it
was just static anywhere I tuned the vfo.
Anyone have this problem before?
Thanks,
Ron AL7Dx

THANKS FOR USING TS-850_450_690@...

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Icom ham radio Yaesu ham radio Rules of the road

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b.. To unsubscribe from this group, send an email to:
TS-850_450_690-unsubscribe@yahoogroups.com

c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

No virus found in this incoming message.
Checked by AVG Free Edition.
Version: 7.1.375 / Virus Database: 267.15.0/248 - Release Date: 01/02/2006

[Non-text portions of this message have been removed]

4315. re: DC-DC board Q3

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-02-03 17:35:05 UTC
From: Rich Dailey, N8UX.
Topic: 4315 Message: 4315

Would it be prudent to replace Q1 and Q2 as well? Are they also
germanium? If they are indeed germanium, I have to assume Kenwood
had a reason for it. Then again, maybe not.

Owning/working at a repair facility for 25 years, I found it best
to ask a lot of questions before applying the 'ol slobberin iron-hi.
I have two 850's on the bench waiting for my attention to the DC-DC
board anomaly.

Rich, N8UX.

Rich Dailey, N8UX.
FISTS # 5605
Do you have a J-36 bug? See the J-36 Project page - http://tinyurl.com/9y3kq
--... ...--

4316. Re: Kenwood TS850 <> Acom 1000 relay wire

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-02-03 20:07:24 UTC
From: pa7two
Topic: 4290 Message: 4316

Hi all Kenwood users,

Thanks to all who sent me an e-mail, connection has been made!

But I wonder why no reply on the reflector??

Vy 73, de Kees - pa7two

--- In TS-850_450_690@yahoogroups.com, "pa7two" <pa7two@...> wrote:
>
> Hi Kenwood lovers,
>
> My good old Kenwood TS850 needs to be paired with a ACOM 1000
> amplifier. I would prefere full QSK operation if possible but
cannot
> find too much info how to hook them up relay wire wise.
>
> Has anyone done this before and like to share how to do this with
me
> (us)?
>
> If full QSK is not possible than the normal hookup I am also
interested
> in, in detail please.
>
> Looking forward to your replies,
>
> Kind regards and 73, de Kees - pa7two
>

4317. Re: DC-DC board Q3

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-02-03 21:58:00 UTC
From: Randy
Topic: 4315 Message: 4317

Q3 looks to be a 2sa1162y. This is a silicon pnp. Not germanium.
Randy

--- In TS-850_450_690@yahoogroups.com, "Rich Dailey, N8UX."
<redailey@...> wrote:
>
> Would it be prudent to replace Q1 and Q2 as well? Are they also
> germanium? If they are indeed germanium, I have to assume Kenwood
> had a reason for it. Then again, maybe not.
>
> Owning/working at a repair facility for 25 years, I found it best
> to ask a lot of questions before applying the 'ol slobberin iron-
hi.
> I have two 850's on the bench waiting for my attention to the DC-DC
> board anomaly.
>
> Rich, N8UX.
>
> Rich Dailey, N8UX.
> FISTS # 5605
> Do you have a J-36 bug? See the J-36 Project page -
http://tinyurl.com/9y3kq
> --... ...--
>

4318. FS: Kenwood TS-850 Front panel assembly.

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-02-04 09:35:57 UTC
From: Terry
Topic: 4318 Message: 4318

Hi Fellow Kenwood fans,

I have a Front panel assembly for the Kenwood TS-850. It is still in it's wrapping with the origional Kenwood parts card and is as new.

Part number: A62-0043-03

I do not want cash for it, instead I would like to exchange it for a quality 2m linear amplifier with inbuilt preamp above 100W (no homebrew).

If not it will go on ebay auction.

Best Regards,

Terry G0VHS

4319. TS-450SAT CW/SSB Optional Filters

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-02-04 13:36:27 UTC
From: scottpa1960
Topic: 4319 Message: 4319

A couple of years ago I inherited my father's TS-450SAT. I have been doing a lot of CW and SSB contesting with this radio and was wondering where I could find the optional narrow filters for CW and SSB. I have a feeling Kenwood hasn't made anything for this rig in many years now.

Thanks for any guidance you can provide.

73--Scott
WY3X

4320. Re: [TS-850_450_690] TS-450SAT CW/SSB Optional Filters

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-02-04 17:13:19 UTC
From: Paul
Topic: 4319 Message: 4320

You can find them on eBay almost any day.

Paul - K2BK

scottpa1960 wrote:

> A couple of years ago I inherited my father's TS-450SAT. I have been
> doing a lot of CW and SSB contesting with this radio and was wondering
> where I could find the optional narrow filters for CW and SSB. I have
> a feeling Kenwood hasn't made anything for this rig in many years now.
>
> Thanks for any guidance you can provide.
>
> 73--Scott
> WY3X
>
>
>
>
>
> THANKS FOR USING TS-850_450_690@...
>
>
>
> SPONSORED LINKS
> Ham radio
> <http://groups.yahoo.com/gads?t=ms&k=Ham+radio&w1=Ham+radio&w2=Craft+hobby&w3=Hobby+and+craft+supply&w4=Icom+ham+radio&w5=Yaesu+ham+radio&w6=Rules+of+the+road&c=6&s=124&.sig=-AtbGud9NgQW8q_mHCrJpw>
> Craft hobby
> <http://groups.yahoo.com/gads?t=ms&k=Craft+hobby&w1=Ham+radio&w2=Craft+hobby&w3=Hobby+and+craft+supply&w4=Icom+ham+radio&w5=Yaesu+ham+radio&w6=Rules+of+the+road&c=6&s=124&.sig=MYXmoE_1cHXWGZadSqJ4ow>
> Hobby and craft supply
> <http://groups.yahoo.com/gads?t=ms&k=Hobby+and+craft+supply&w1=Ham+radio&w2=Craft+hobby&w3=Hobby+and+craft+supply&w4=Icom+ham+radio&w5=Yaesu+ham+radio&w6=Rules+of+the+road&c=6&s=124&.sig=8lNNK6GWA9g9E5dNLLMb3g>
>
> Icom ham radio
> <http://groups.yahoo.com/gads?t=ms&k=Icom+ham+radio&w1=Ham+radio&w2=Craft+hobby&w3=Hobby+and+craft+supply&w4=Icom+ham+radio&w5=Yaesu+ham+radio&w6=Rules+of+the+road&c=6&s=124&.sig=IYAvWkEMqmPFmKOeCoVOuQ>
> Yaesu ham radio
> <http://groups.yahoo.com/gads?t=ms&k=Yaesu+ham+radio&w1=Ham+radio&w2=Craft+hobby&w3=Hobby+and+craft+supply&w4=Icom+ham+radio&w5=Yaesu+ham+radio&w6=Rules+of+the+road&c=6&s=124&.sig=KkQyze08wksDXb33UQkXjw>

> Rules of the road
> <http://groups.yahoo.com/gads?t=ms&k=Rules+of+the+road&w1=Ham+radio&w2=Craft+hobby&w3=Hobby+and+craft+supply&w4=Icom+ham+radio&w5=Yaesu+ham+radio&w6=Rules+of+the+road&c=6&s=124&.sig=62RmLMRb6rR0QJCPWOxM-A>
>
>
>
> --
> YAHOO! GROUPS LINKS
>
> * Visit your group "TS-850_450_690
> <http://groups.yahoo.com/group/TS-850_450_690>" on the web.
>
> * To unsubscribe from this group, send an email to:
> TS-850_450_690-unsubscribe@yahoogroups.com
> <mailto:TS-850_450_690-unsubscribe@yahoogroups.com?subject=Unsubscribe>
>
> * Your use of Yahoo! Groups is subject to the Yahoo! Terms of
> Service <http://docs.yahoo.com/info/terms/>.
>
>
> --
>

4321. Re: [TS-850_450_690] Re: DC-DC board Q3

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-02-04 11:40:20 UTC
From: Colin J Thomson
Topic: 4315 Message: 4321

On Friday 03 February 2006 21:58, Randy wrote:
> Q3 looks to be a 2sa1162y. This is a silicon pnp. Not germanium.

OK, my last Email to the group never made it??
So to clear things up about this:

2SA devices are germanium PNP and 2SB are NPN, 2SC/2SD are silicon.
(I remember this from my early construction days) More info below..

http://www.mikroelektronika.co.yu/english/product/books/keu/04.htm

Time to close this Topic and try the mod Hi!

Cheers

Colin De G6AVK
--
Fedora Core 4, Custom Built Kernel 2.6.15-ck3
KDE-Redhat-3.5.1-1.5.fc4.kde
Registered Linux user number #342953

4322. Re: [TS-850_450_690] Re: DC-DC board Q3

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-02-03 23:44:00 UTC
From: Colin J Thomson
Topic: 4315 Message: 4322

On Friday 03 February 2006 21:58, Randy wrote:
> Q3 looks to be a 2sa1162y. This is a silicon pnp. Not germanium.

Hmm, I just passed on the info to try and help others,
I know that the changes mentioned have been done on *many* 850's over here by
the Author and it has indeed fixed the problem permanently.

Cheers,

-Colin De G6AVK
--
Fedora Core 4, Custom Built Kernel 2.6.15-ck3
KDE-Redhat-3.5.1-1.4.fc4.kde
Registered Linux user number #342953

4323. Re: DC-DC board Q3

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-02-04 22:19:32 UTC
From: Randy
Topic: 4315 Message: 4323

Below is the Toshiba link for the data sheet to the 2sa1162 (Q3).
You can do a search on the web for other manufacturers of the
2sa1162y.
Randy

http://www.toshiba.com/taec/Catalog/Product.do?productid=2276

--- In TS-850_450_690@yahoogroups.com, Colin J Thomson <colin@...>
wrote:
>
> On Friday 03 February 2006 21:58, Randy wrote:
> > Q3 looks to be a 2sa1162y. This is a silicon pnp. Not germanium.
>
> Hmm, I just passed on the info to try and help others,
> I know that the changes mentioned have been done on *many* 850's
over here by
> the Author and it has indeed fixed the problem permanently.
>
> Cheers,
>
> -Colin De G6AVK
> --
> Fedora Core 4, Custom Built Kernel 2.6.15-ck3
> KDE-Redhat-3.5.1-1.4.fc4.kde
> Registered Linux user number #342953
>

4324. wanted DRU-2

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-02-08 03:41:50 UTC
From: taephono
Topic: 4324 Message: 4324

If anyone has a spare DRU-2 they are willing to sell, or
knows of someone that does please contact me, I'm looking for one.

73,
Clint
WS1V

4325. RE: [TS-850_450_690] Re: swr reading changed on tuned antenna

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-02-08 21:39:40 UTC
From: JamesMNelson
Topic: 4299 Message: 4325

Jason,

Take a look at this.

I have found that the TS-450/690s have what we think is a design flaw. I would think that the 850 would be same way. From the SO-238 that is located on the back plane of the radio, there is a solid piece of wire that runs down to the filter board. I think that it should have been stranded. On both of the 690s that I have, and several 450 that I have fixed for friends, this wire had developed a cold solder joint at one end or the other. Most likely, I would think, from stress on the SO-238 caused by moving the radio around while the cable is attached. When we would put pressure on the SO-238, the problem would go away. Sometimes you would have to push up or down on the connector. Sometimes you would have to push in or pull out on the connector a little bit for the problem to show up or go away. You can easily get to the back of the SO-238 to reflow the solder, but to correctly reflow the filter board connection you have to remove several (10-15 if I remember correctly) and several RF inputs and outputs, not to mention all of the control cabling to remove the filter board. What you can do to check the filter board first is the GENTLY pull up on the short solid jumper from the SO-238 while the cover is off and see it that helps. If it does and you are sure that the bad joint is not on the SO-238, then you have your work cut out for you.

Hope this helps. Any questions drive me a line.

james//

-----Original Message-----
From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of jason
Sent: Thursday, February 02, 2006 11:19 PM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] Re: swr reading changed on tuned antenna

--- In TS-850_450_690@yahoogroups.com, ve3wej <davegarberwej@...>
wrote:
>
> So i put the antenna into my ts2000 and checked the reading
and it's
> tuned flat on the resonent freqs on 80/40
>
>
> What was it without "tuning" the antenna
>
>

>
> ---------------------------------
> Find your next car at Yahoo! Canada Autos
>
> [Non-text portions of this message have been removed]
>
Hi

I was'nt using the tuner at all in the ts2000 and the antenna some
weeks back was tuned on 40 and 80mtr bands with a very good swr
acheived on the bands.
Still the 850 says that it is all out of wack, i can also put it on
a ts50 and manual ant tuner and check swr and all is good.

cheers from Jason.

THANKS FOR USING TS-850_450_690@...

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<http://groups.yahoo.com/group/TS-850_450_690> " on the web.

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<mailto:TS-850_450_690-unsubscribe@yahoogroups.com?subject=Unsubscribe>

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[Non-text portions of this message have been removed]

4326. TS850 Filters?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-02-09 00:26:28 UTC
From: Phono-Guy
Topic: 4326 Message: 4326

Have a 850 that currently only has the 500hz 8.8if
CW filter.... wondering what other filter combinations
standout for this radio? Also would I be better to
use InRad filters instead of Kenwoood issue?

Thanks,
Clint
WS1V

Do You Yahoo!?
Tired of spam? Yahoo! Mail has the best spam protection around
http://mail.yahoo.com

4327. Re: TS850 Filters?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-02-09 03:22:32 UTC
From: w7tea
Topic: 4326 Message: 4327

Clint, I started using InRad filters years ago and prefer them to the Kenwood CW filters. I have cascaded 400hz filters (8.83 and 455) in my 850s and found them to be excellent. My Omni VI+ has five InRad filters. My Orion has an InRad roofing filter.

73, Gary W7TEA

--- In TS-850_450_690@yahoogroups.com, Phono-Guy <taephono@...> wrote:
>
> Have a 850 that currently only has the 500hz 8.8if
> CW filter.... wondering what other filter combinations
> standout for this radio? Also would I be better to
> use InRad filters instead of Kenwoood issue?
>
> Thanks,
> Clint
> WS1V

4328. TS850 using VFO A & B for split?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-02-11 02:51:11 UTC
From: taephono
Topic: 4328 Message: 4328

After playing with my newly acquired 850 for a few days, and reading
the manual over & over, I still haven't figured out a quick way to
setup the VFO A / B split operaton, I do get it to work but it seems
I have to go thru alot of motions to get it there, so I must be missing
something...:)
and the manual isn't written very clearly to explain this.

Can someone explain to me the quickest way to set
up the VFOs for a split on the same band, keeping VFO A on the received
station, and putting VFO B at a different tx freq.

Thanks,
Clint
WS1V

4329. Re: [TS-850_450_690] TS850 using VFO A & B for split?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-02-11 02:57:40 UTC
From: ve3wej
Topic: 4328 Message: 4329

when you have the selected freq in vfo a, tap the a=b key

then select the button below the rx tab, and the second below the tx tab

while holding the tf-set (stands for transmit frequency) turn vfo dial, and your transmit freq will adjust to where you are trying to go....

----- Original Message -----
From: taephono
To: TS-850_450_690@yahoogroups.com
Sent: Friday, February 10, 2006 9:51 PM
Subject: [TS-850_450_690] TS850 using VFO A & B for split?

After playing with my newly acquired 850 for a few days, and reading
the manual over & over, I still haven't figured out a quick way to
setup the VFO A / B split operaton, I do get it to work but it seems
I have to go thru alot of motions to get it there, so I must be missing
something...:)
and the manual isn't written very clearly to explain this.

Can someone explain to me the quickest way to set
up the VFOs for a split on the same band, keeping VFO A on the received
station, and putting VFO B at a different tx freq.

Thanks,
Clint
WS1V

THANKS FOR USING TS-850_450_690@...

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Rules of the road

YAHOO! GROUPS LINKS

a.. Visit your group "TS-850_450_690" on the web.

b.. To unsubscribe from this group, send an email to:
TS-850_450_690-unsubscribe@yahoogroups.com

c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

No virus found in this incoming message.
Checked by AVG Free Edition.

Version: 7.1.375 / Virus Database: 267.15.5/256 - Release Date: 10/02/2006

[Non-text portions of this message have been removed]

4330. Re: [TS-850_450_690] TS850 using VFO A & B for split?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-02-11 03:06:40 UTC
From: Rich Dailey, N8UX.
Topic: 4328 Message: 4330

>Can someone explain to me the quickest way to set
>up the VFOs for a split on the same band, keeping VFO A on the received
>station, and putting VFO B at a different tx freq.

Here's how I do it Clint...

hit RX A, tune the dx.

Hit A=B.

Hit RX B, tune your tx freq in the pileup.

Hit RX A, then TX B. The "split" display will appear.

Work DX!

Hold TF-SET while tuning to find the guys he's working. When you release,
you back rx'ing on his freq, and transmitting on the new split.

May not be the best way, but it's how I do it.

Rich, N8UX.

Rich Dailey, N8UX.
FISTS # 5605, SKCC #1324
Do you have a J-36 bug? See the J-36 Project page - http://tinyurl.com/9y3kq
--... ...--

4331. Re: TS850 using VFO A & B for split?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-02-11 03:09:39 UTC
From: taephono
Topic: 4328 Message: 4331

OK... that's what I started doing today using the T_F set button to move up the tx freq... so I guess I'm catching on.. :)

Appreciate the help,

Clint

--- In TS-850_450_690@yahoogroups.com, "ve3wej" <ve3wej@...> wrote:
>
> when you have the selected freq in vfo a, tap the a=b key
>
> then select the button below the rx tab, and the second below the tx tab
>
> while holding the tf-set (stands for transmit frequency) turn vfo dial, and your transmit freq will adjust to where you are trying to go....
>
>
>
>
>
>
>
> ----- Original Message -----
> From: taephono
> To: TS-850_450_690@yahoogroups.com
> Sent: Friday, February 10, 2006 9:51 PM
> Subject: [TS-850_450_690] TS850 using VFO A & B for split?
>
>
> After playing with my newly acquired 850 for a few days, and reading
> the manual over & over, I still haven't figured out a quick way to
> setup the VFO A / B split operaton, I do get it to work but it seems
> I have to go thru alot of motions to get it there, so I must be missing
> something...:)
> and the manual isn't written very clearly to explain this.
>
> Can someone explain to me the quickest way to set
> up the VFOs for a split on the same band, keeping VFO A on the received
> station, and putting VFO B at a different tx freq.
>

> Thanks,
> Clint
> WS1V
>
>
>
>
>
> THANKS FOR USING TS-850_450_690@...
>
>
>
> SPONSORED LINKS Ham radio Craft hobby Hobby and craft supply
> Rules of the road
>
>
> ---

> YAHOO! GROUPS LINKS
>
> a.. Visit your group "TS-850_450_690" on the web.
>
> b.. To unsubscribe from this group, send an email to:
> TS-850_450_690-unsubscribe@...m
>
> c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms
of Service.
>
>
> ---

>
>
>
>
> ---

>
>
> No virus found in this incoming message.
> Checked by AVG Free Edition.
> Version: 7.1.375 / Virus Database: 267.15.5/256 - Release Date:
10/02/2006
>
>
> [Non-text portions of this message have been removed]
>

4332. Re: TS850 using VFO A & B for split?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-02-11 03:11:43 UTC
From: taephono
Topic: 4328 Message: 4332

Rich,
Thanks .. this will help.
After only 2 days of playing with the radio, I'm starting to catch on..:)

73,
Clint
WS1V

--- In TS-850_450_690@yahoogroups.com, "Rich Dailey, N8UX." <redailey@...> wrote:
>
>
> >Can someone explain to me the quickest way to set
> >up the VFOs for a split on the same band, keeping VFO A on the received
> >station, and putting VFO B at a different tx freq.
>
> Here's how I do it Clint...
>
> hit RX A, tune the dx.
>
> Hit A=B.
>
> Hit RX B, tune your tx freq in the pileup.
>
> Hit RX A, then TX B. The "split" display will appear.
>
> Work DX!
>
> Hold TF-SET while tuning to find the guys he's working. When you release,
> you back rx'ing on his freq, and transmitting on the new split.
>
> May not be the best way, but it's how I do it.
>
> Rich, N8UX.
>
> Rich Dailey, N8UX.
> FISTS # 5605, SKCC #1324
> Do you have a J-36 bug? See the J-36 Project page - http://tinyurl.com/9y3kq
> --... ...--
>

4333. Working Split

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-02-11 13:18:10 UTC
From: Larry Moore
Topic: 4333 Message: 4333

When working in a large cw pile up and split operation what is the best way to zero beat the guy on your transmit frequency to get close. I know tight filters help but in large pile ups you can blow by the working station with such a filter. I usually use the tune button but should be a faster way.

Larry
W8WT

[Non-text portions of this message have been removed]

4334. TS-850S/AT for sale

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-02-11 15:51:56 UTC
From: w7tea
Topic: 4334 Message: 4334

I've heard I will regret this but I have a super TS-850S sitting unused and uneeded. Original
owner, non smoker, purchased in June 1991. Serial number 20800237. Never had a
problem. Has 2.1 khz International Radio filter in 8.83 IF and 400 Hz CW filters in 8.83 and
455 IFs. Bill, K0ZL, replaced the battery (no leakage), did the NB and sidetone mods, DC-DC mod and aligned a year ago. He said if DDS chips had not failed since 91, they are not likely
to do so now. Original box, manual and service manual. Also SP-31 speaker, MC-85 and MC-50. Not used either mike in years. One issue. There was a smudge on top of the front panel. I stupidly cleaned it with alcohol and rubbed the grey paint off--so now there is a black spot. Pics available of course. Package for $800 plus shipping and insurance from 97230.

73, Gary W7TEA

4335. Re: Working Split

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-02-11 23:18:42 UTC
From: nm9p
Topic: 4333 Message: 4335

You can get pretty close by turning break-in off, so you can hit the key and listen to your sidetone without transmitting. Then shift to the transmit VFO and carefully match your sidetone to the tone of the station you want to zero beat. With a trained ear, you should be able to get wthin a few Hz. (Some musical ears can get even closer.) Switsh back to split/receive VFO and reactivate breakin and yoou should be set.

73 de Ken - NM9P

--- In TS-850_450_690@yahoogroups.com, "Larry Moore" <LMoore6@...> wrote:
>
> When working in a large cw pile up and split operation what is the best way to zero beat the guy on your transmit frequency to get close. I know tight filters help but in large pile ups you can blow by the working station with such a filter. I usually use the tune button but should be a faster way.
>
> Larry
> W8WT
>
> [Non-text portions of this message have been removed]
>

4336. Re: Working Split

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-02-11 23:20:43 UTC
From: nm9p
Topic: 4333 Message: 4336

BTW, I forgot to say, I always use "fine" tuning speed on CW with
narrow filter. It makes it easier to zero beat...

Ken - NM9P

--- In TS-850_450_690@yahoogroups.com, "nm9p" <nm9p@...> wrote:
>
> You can get pretty close by turning break-in off, so you can hit the
> key and listen to your sidetone without transmitting. Then shift to
> the transmit VFO and carefully match your sidetone to the tone of the
> station you want to zero beat. With a trained ear, you should be able
> to get wthin a few Hz. (Some musical ears can get even closer.)
> Switsh back to split/receive VFO and reactivate breakin and yoou
> should be set.
>
> 73 de Ken - NM9P
>
>
>
> --- In TS-850_450_690@yahoogroups.com, "Larry Moore" <LMoore6@> wrote:
> >
> > When working in a large cw pile up and split operation what is the
> best way to zero beat the guy on your transmit frequency to get close.
> I know tight filters help but in large pile ups you can blow by the
> working station with such a filter. I usually use the tune button but
> should be a faster way.
> >
> > Larry
> > W8WT
> >
> > [Non-text portions of this message have been removed]
> >
>

4337. Re: [TS-850_450_690] TS850 using VFO A & B for split?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-02-12 04:34:34 UTC
From: Zack Widup
Topic: 4328 Message: 4337

On Sat, 11 Feb 2006, taephono wrote:

> After playing with my newly acquired 850 for a few days, and reading
> the manual over & over, I still haven't figured out a quick way to
> setup the VFO A / B split operaton, I do get it to work but it seems
> I have to go thru alot of motions to get it there, so I must be missing
> something...:)
> and the manual isn't written very clearly to explain this.
>
> Can someone explain to me the quickest way to set
> up the VFOs for a split on the same band, keeping VFO A on the received
> station, and putting VFO B at a different tx freq.
>
> Thanks,
> Clint
> WS1V

Someone may have already answered this, but here goes:

1) Make sure both "RX" and "TX" are set to "A" (top row buttons)
2) Push the "A=B" button
3) Push the "B" TX button (second row)
4) You should now have the "A" RX button and the "B" TX button lit
Push the "TF-SET" button and tune the receiver around to hear where you
are going to transmit. Release the "TF-SET" button to listen on the DX
transmit frequency

5) If you'd like, now push the "F-LOCK" button. You cannot now change the
receive frequency on VFO A but you can still change your transmit
frequency by holding in the "TF-SET" button while tuning the dial.

73, Zack W9SZ

4338. Re: TS850 using VFO A & B for split?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-02-13 03:49:02 UTC
From: taephono
Topic: 4328 Message: 4338

> Someone may have already answered this, but here goes:
>
> 1) Make sure both "RX" and "TX" are set to "A" (top row buttons)
> 2) Push the "A=B" button
> 3) Push the "B" TX button (second row)
> 4) You should now have the "A" RX button and the "B" TX button lit
> Push the "TF-SET" button and tune the receiver around to hear where you
> are going to transmit. Release the "TF-SET" button to listen on the DX
> transmit frequency
>
> 5) If you'd like, now push the "F-LOCK" button. You cannot now
change the
> receive frequency on VFO A but you can still change your transmit
> frequency by holding in the "TF-SET" button while tuning the dial.
>
> 73, Zack W9SZ
>

Zack,
Thanks for this info... there seems to be various ways to operate
the two VFOs, this is another method.

73,
Clint
WS1V

4339. TS850SAT & outboard antennae tuner ?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-02-13 03:55:01 UTC
From: taephono
Topic: 4339 Message: 4339

Playing with my newly acquired TS850SAT the last few days, hooked it up a to my G5RV, the internal antennae tuner really does a quick & nice job tuneing down the SWR.. this is the 1st time I've used a rig with an auto tuner... about time I get with the crowd...:)

One question , I notice that the internal tuner has a problem getting down the swr to an acceptable level at a few spot, so I hooked up an outboard antennae tuner... anyone here use a similar setup?
When I'm using the external tuner should I disable the internal tuner or should I let both tuners work together to obtain the best swr?
I have been placing the outboard tuner in the thru position when the 850SATs tuner can tune the swr down to 1:1 by itself.

Spring antennae work is on the list!!

THanks for you replies,
73
Clint
WS1V

4340. Re: [TS-850_450_690] TS850SAT & outboard antennae tuner ?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-02-13 04:39:56 UTC
From: Lane Giard
Topic: 4339 Message: 4340

If you use an external then you must NOT use ther internal and vissa versa..
What is the starting SWR at when the internal wont tune. What band.

Lane,
N7ZXP

----- Original Message -----
From: "taephono" <taephono@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Sunday, February 12, 2006 7:55 PM
Subject: [TS-850_450_690] TS850SAT & outboard antennae tuner ?

> Playing with my newly acquired TS850SAT the last few days, hooked it
> up a to my G5RV, the internal antennae tuner really does
> a quick & nice job tuneing down the SWR.. this is the 1st time I've
> used a rig with an auto tuner... about time I get with the crowd...:)
>
> One question , I notice that the internal tuner has a problem getting
> down the swr to an acceptable level at a few spot, so I hooked up an
> outboard antennae tuner... anyone here use a similar setup?
> When I'm using the external tuner should I disable the internal tuner
> or should I let both tuners work together to obtain the best swr?
> I have been placing the outboard tuner in the thru position when the
> 850SATs tuner can tune the swr down to 1:1 by itself.
>
> Spring antennae work is on the list!!
>
> THanks for you replies,
> 73
> Clint
> WS1V
>
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>
> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
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>

4341. Re: [TS-850_450_690] Re: TS850 using VFO A & B for split?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-02-13 13:39:14 UTC
From: Zack Widup
Topic: 4328 Message: 4341

On Mon, 13 Feb 2006, taephono wrote:

> >
> > 5) If you'd like, now push the "F-LOCK" button. You cannot now
> change the
> > receive frequency on VFO A but you can still change your transmit
> > frequency by holding in the "TF-SET" button while tuning the dial.
> >
> > 73, Zack W9SZ
> >
>
> Zack,
> Thanks for this info... there seems to be various ways to operate
> the two VFOs, this is another method.
>
> 73,
> Clint
> WS1V
>

Hi Clint,

I think the idea is about the same in all the answers you got. I included #5 above because I often accidentally tune the dial after I've let go of the TF-SET button and then have to re-tune for the DX.

Enjoy the TS-850. It's one of the best.

BTW the engineers who designed it must've been hams, and pileup chasers to boot. Who else would've thought of still allowing you to tune the frequency on TF-SET while all other functions are locked out?

73, Zack W9SZ

4342. Re: TS850 using VFO A & B for split?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-02-14 00:20:44 UTC
From: taephono
Topic: 4328 Message: 4342

Antennae is a G5RV, tunes easily on most bands, but I do notice that on a couple of the phone bands, and 18mhz the internal tuner on the TS850s cannot tune out the swr, and putting the 850S in manual tune doesn't do it either. THe external tuner does tune out the swr, so yes the swr is high at these points.

Clint
WS1V

--- In TS-850_450_690@yahoogroups.com, "taephono" <taephono@...> wrote:
>
> > Someone may have already answered this, but here goes:
> >
> > 1) Make sure both "RX" and "TX" are set to "A" (top row buttons)
> > 2) Push the "A=B" button
> > 3) Push the "B" TX button (second row)
> > 4) You should now have the "A" RX button and the "B" TX button lit
> > Push the "TF-SET" button and tune the receiver around to hear where you
> > are going to transmit. Release the "TF-SET" button to listen on the DX
> > transmit frequency
> >
> > 5) If you'd like, now push the "F-LOCK" button. You cannot now
> change the
> > receive frequency on VFO A but you can still change your transmit
> > frequency by holding in the "TF-SET" button while tuning the dial.
> >
> > 73, Zack W9SZ
> >
>
> Zack,
> Thanks for this info... there seems to be various ways to operate
> the two VFOs, this is another method.
>
> 73,
> Clint
> WS1V
>

4343. Re: [TS-850_450_690] Re: TS850 using VFO A & B for split?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-02-14 00:33:00 UTC
From: johnnygm7lsi@aol.com
Topic: 4328 Message: 4343

Your not alone Clint,, I have tried 18mhz using a G5RV and a Carolina Windom full size 80mtr model with the 850`s internal tuner and I have never got it tune either, but it tunes on all other bands from 160 to 10. It would be interesting to hear other reports about this.

Johnny, GM7LSI.

Antennae is a G5RV, tunes easily on most bands, but I do notice that on a couple of the phone bands, and 18mhz the internal tuner on the TS850s cannot tune out the swr, and putting the 850S in manual tune doesn't do it either. THe external tuner does tune out the swr, so yes the swr is high at these points.

Clint
WS1V

--- In TS-850_450_690@yahoogroups.com, "taephono" <taephono@...>
wrote:
>
> > Someone may have already answered this, but here goes:
> >
> > 1) Make sure both "RX" and "TX" are set to "A" (top row buttons)
> > 2) Push the "A=B" button
> > 3) Push the "B" TX button (second row)
> > 4) You should now have the "A" RX button and the "B" TX button lit
> > Push the "TF-SET" button and tune the receiver around to hear
where you
> > are going to transmit. Release the "TF-SET" button to listen on
the DX
> > transmit frequency
> >
> > 5) If you'd like, now push the "F-LOCK" button. You cannot now
> change the
> > receive frequency on VFO A but you can still change your transmit
> > frequency by holding in the "TF-SET" button while tuning the dial.
> >
> > 73, Zack W9SZ
> >
>
> Zack,
> Thanks for this info... there seems to be various ways to operate
> the two VFOs, this is another method.
>
> 73,
> Clint
> WS1V

>

THANKS FOR USING TS-850_450_690@...
Yahoo! Groups Links

[Non-text portions of this message have been removed]

4344. Re: [TS-850_450_690] Re: TS850 using VFO A & B for split?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-02-14 00:40:42 UTC
From: KD5SFA
Topic: 4328 Message: 4344

Interesting....I have a windom cut for 80m and my 850
tunes all bands. I used the data from
http://www.buxcomm.com/windom.htm to build mine.
It is up as an inverted V with the apex at about 55'.

As a note my LDG AT100-pro and 706mkIIG will tune 160m - 6m
on the same antenna.

I used a 4:1 balun from Buxcomm as well.

73,
Jon
KD5SFA

-----Original Message-----
>From: johnnygm7lsi@...
>Sent: Feb 13, 2006 6:33 PM
>To: TS-850_450_690@yahoogroups.com
>Subject: Re: [TS-850_450_690] Re: TS850 using VFO A & B for split?
>
>Your not alone Clint,, I have tried 18mhz using a G5RV and a Carolina Windom
>full size 80mtr model with the 850`s internal tuner and I have never got it
>tune either, but it tunes on all other bands from 160 to 10. It would be
>interesting to hear other reports about this.
>
>Johnny, GM7LSI.
>
>Antennae is a G5RV, tunes easily on most bands, but I do notice that
>on a couple of the phone bands, and 18mhz the internal tuner on the
>TS850s cannot tune out the swr, and putting the 850S in manual tune
>doesn't do it either. THe external tuner does tune out the swr, so
>yes the swr is high at these points.
>
>Clint
>WS1V
>
>
>--- In TS-850_450_690@yahoogroups.com, "taephono" <taephono@...>
>wrote:
>>
>> > Someone may have already answered this, but here goes:
>> >
>> > 1) Make sure both "RX" and "TX" are set to "A" (top row buttons)
>> > 2) Push the "A=B" button
>> > 3) Push the "B" TX button (second row)
>> > 4) You should now have the "A" RX button and the "B" TX button lit

>> > Push the "TF-SET" button and tune the receiver around to hear
>where you
>> > are going to transmit. Release the "TF-SET" button to listen on
>the DX
>> > transmit frequency
>> >
>> > 5) If you'd like, now push the "F-LOCK" button. You cannot now
>> change the
>> > receive frequency on VFO A but you can still change your transmit
>> > frequency by holding in the "TF-SET" button while tuning the dial.
>> >
>> > 73, Zack W9SZ
>> >
>>
>> Zack,
>> Thanks for this info... there seems to be various ways to operate
>> the two VFOs, this is another method.
>>
>> 73,
>> Clint
>> WS1V
>>
>
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>
>THANKS FOR USING TS-850_450_690@...
>Yahoo! Groups Links
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>[Non-text portions of this message have been removed]
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>
>THANKS FOR USING TS-850_450_690@...
>Yahoo! Groups Links
>
>

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>

4345. Re: [TS-850_450_690] Re: TS850 using VFO A & B for split?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-02-14 00:58:03 UTC
From: johnnygm7lsi@aol.com
Topic: 4328 Message: 4345

Well Jon,,, The Windom I am using is the ready made one from Radio Works.
Thanks for the link, very interesting, looks good reading,I`m surprised they
give you so much detail, easily copied,,, even the ready made ones are cheaper
than Radio works.

Johnny

Interesting....I have a windom cut for 80m and my 850
tunes all bands. I used the data from
http://www.buxcomm.com/windom.htm to build mine.
It is up as an inverted V with the apex at about 55'.

As a note my LDG AT100-pro and 706mkIIG will tune 160m - 6m
on the same antenna.

I used a 4:1 balun from Buxcomm as well.

73,
Jon
KD5SFA

-----Original Message-----
>From: johnnygm7lsi@...
>Sent: Feb 13, 2006 6:33 PM
>To: TS-850_450_690@yahoogroups.com
>Subject: Re: [TS-850_450_690] Re: TS850 using VFO A & B for split?
>
>Your not alone Clint,, I have tried 18mhz using a G5RV and a Carolina
Windom
>full size 80mtr model with the 850`s internal tuner and I have never got
it
>tune either, but it tunes on all other bands from 160 to 10. It would be
>interesting to hear other reports about this.
>
>Johnny, GM7LSI.
>
>Antennae is a G5RV, tunes easily on most bands, but I do notice that
>on a couple of the phone bands, and 18mhz the internal tuner on the
>TS850s cannot tune out the swr, and putting the 850S in manual tune
>doesn't do it either. THe external tuner does tune out the swr, so
>yes the swr is high at these points.
>
>Clint
>WS1V
>
>

>--- In TS-850_450_690@yahoogroups.com, "taephono" <taephono@...>
>wrote:
>>
>> > Someone may have already answered this, but here goes:
>> >
>> > 1) Make sure both "RX" and "TX" are set to "A" (top row buttons)
>> > 2) Push the "A=B" button
>> > 3) Push the "B" TX button (second row)
>> > 4) You should now have the "A" RX button and the "B" TX button lit
>> > Push the "TF-SET" button and tune the receiver around to hear
>where you
>> > are going to transmit. Release the "TF-SET" button to listen on
>the DX
>> > transmit frequency
>> >
>> > 5) If you'd like, now push the "F-LOCK" button. You cannot now
>> change the
>> > receive frequency on VFO A but you can still change your transmit
>> > frequency by holding in the "TF-SET" button while tuning the dial.
>> >
>> > 73, Zack W9SZ
>> >
>>
>> Zack,
>> Thanks for this info... there seems to be various ways to operate
>> the two VFOs, this is another method.
>>
>> 73,
>> Clint
>> WS1V
>>
>
>
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>
>
>THANKS FOR USING TS-850_450_690@...
>Yahoo! Groups Links
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>[Non-text portions of this message have been removed]
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>THANKS FOR USING TS-850_450_690@...
>Yahoo! Groups Links
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THANKS FOR USING TS-850_450_690@...
Yahoo! Groups Links

[Non-text portions of this message have been removed]

4346. windom antenna question

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-02-14 04:35:36 UTC
From: Gary ve3rin
Topic: 4346 Message: 4346

Jon KD5SFA, a question for you and others that may have built a 160 meter windom.
I am in the midst of designing a 160 meter windom / carolina windom based on the info from
http://packetradio.com/windom.htm and
http://www.radioworks.com/ccw160.html
to use at home to compare with a full sized 160 loop that I cannot get hight on the entire
loop.
It will be mounted in an inverted V with the apex at about 50 ft.
If possible could you email me direct to find out what you did on the windom that you built
The one that I am designing will allow me to either use it as a regular windom or a Carolina
Windom. My concern is that both sites use a 4:1 ballun but I was advise that the windom may
have 400 ohm impediance instead of the 200 ohm impedience implied.
Does any body know the impedience at the feed point, in other words has any body tested for this
info.
Gary ve3rin@...

----- Original Message -----
From: KD5SFA
To: TS-850_450_690@yahoogroups.com
Sent: Monday, February 13, 2006 7:40 PM
Subject: Re: [TS-850_450_690] Re: TS850 using VFO A & B for split?

Interesting....I have a windom cut for 80m and my 850
tunes all bands. I used the data from
http://www.buxcomm.com/windom.htm to build mine.
It is up as an inverted V with the apex at about 55'.

I used a 4:1 balun from Buxcomm as well.

73,
Jon
KD5SFA

4348. Re: [TS-850_450_690] TS850SAT & outboard antennae tuner ?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-02-15 23:57:07 UTC
From: Zack Widup
Topic: 4339 Message: 4348

Is there a reason why not? I have been doing just that in two main
situations:

1 - I don't have antennas specifically cut for the 18 and 24 MHz bands.
I didn't want to do the mod to the rig so the receiver also goes
through the tuner, so on those bands I use an external tuner, which perks
up the receive, and the internal tuner also. It's probably not needed
but I haven't had a problem with it.

2 - I don't have an antenna that will tune to 160 and the rig itself can't
tu8ne 160 but witht he help of a tuner, it will make it. I've made some
QSO's on 160 that way.

Not ideal, but it does seem to work.

73, Zack W9SZ

On Sun, 12 Feb 2006, Lane Giard wrote:

> If you use an external then you must NOT use ther internal and vissa versa..
> What is the starting SWR at when the internal wont tune. What band.
>
> Lane,
> N7ZXP
>

4349. Re: TS850SAT & outboard antennae tuner ?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-02-16 01:39:38 UTC
From: Dave
Topic: 4339 Message: 4349

The TS-850's internal tuner is of the Tee network variety - a series cap, a switched inductor to ground, then another series cap. That schematic layout gives you the widest variety of antennas that can be tuned given a small variety of component values.

However, it can not tune 50 ohms to 50 ohms - that would require the inductor to be switched out of circuit and both capacitors shorted across. It can come close.

That's why the recommendation not to use the internal tuner if you are using an external tuner, but it probably matters little.

I tend to use the internal tuner when running barefoot, and have an external tuner which i use when I want to run power.

I have tuning problems on 160, and for that band, I home-brew a band-specific matching network for whichever antenna I choose to designate as my 160 antenna, and use a 5V coil relay to switch the network in and out.

I don't see any risk in the way you're using your tuner.

Dave W8NF

--- In TS-850_450_690@yahoogroups.com, Zack Widup <w9sz@...> wrote:
>
>
> Is there a reason why not? I have been doing just that in two main
> situations:
>
> 1 - I don't have antennas specifically cut for the 18 and 24 MHz
bands.
> I didn't want to do the mod to the rig so the receiver also goes
> through the tuner, so on those bands I use an external tuner, which
perks
> up the receive, and the internal tuner also. It's probably not needed
> but I haven't had a problem with it.
>
> 2 - I don't have an antenna that will tune to 160 and the rig itself
can't
> tu8ne 160 but witht he help of a tuner, it will make it. I've made
some
> QSO's on 160 that way.
>
> Not ideal, but it does seem to work.
>
> 73, Zack W9SZ

>
>
> On Sun, 12 Feb 2006, Lane Giard wrote:
>
> > If you use an external then you must NOT use ther internal and
vissa versa..
> > What is the starting SWR at when the internal wont tune. What band.
> >
> > Lane,
> > N7ZXP
> >
>

4350. Re: [TS-850_450_690] TS850SAT & outboard antennae tuner ?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-02-16 02:48:17 UTC
From: Rich Dailey, N8UX.
Topic: 4339 Message: 4350

I do it all the time using my 40m vertical on 80, when I'm too lazy
to go out and hook up the coil-hi. It makes the rig happy, and gets
some rf off the antenna on 80. By no means efficient, but it works
in leu of a good tuned situation.

Rich

At 06:57 PM 02/15/06, you wrote:

>Is there a reason why not? I have been doing just that in two main
>situations:
>
>1 - I don't have antennas specifically cut for the 18 and 24 MHz bands.
>I didn't want to do the mod to the rig so the receiver also goes
>through the tuner, so on those bands I use an external tuner, which perks
>up the receive, and the internal tuner also. It's probably not needed
>but I haven't had a problem with it.
>
>2 - I don't have an antenna that will tune to 160 and the rig itself can't
>tu8ne 160 but witht he help of a tuner, it will make it. I've made some
>QSO's on 160 that way.
>
>Not ideal, but it does seem to work.
>
>73, Zack W9SZ
>
>
>On Sun, 12 Feb 2006, Lane Giard wrote:
>
> > If you use an external then you must NOT use ther internal and
> vissa versa..
> > What is the starting SWR at when the internal wont tune. What band.
> >
> > Lane,
> > N7ZXP
> >
>
>
>
>THANKS FOR USING TS-850_450_690@...
>Yahoo! Groups Links
>
>
>
>

Rich Dailey, N8UX.
FISTS # 5605, SKCC #1324
Do you have a J-36 bug? See the J-36 Project page - http://tinyurl.com/9y3kq
--... ...--

4351. 160 meter Windom design requirements needed

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-02-17 02:24:33 UTC
From: Gary ve3rin
Topic: 4351 Message: 4351

I am in the midst of designing a 160 meter Windom / Carolina Windom based on
the info from http://packetradio.com/windom.htm and
http://www.radioworks.com/ccw160.html
to use at home to compare with a full sized 160 loop that I cannot get height on the entire loop.
It will be mounted in an inverted V with the apex at about 50 ft.
If possible could any one email me direct to find out what you did on the Windom that you built.
The one that I am designing will allow me to either use it as a regular Windom or a Carolina Windom. My concern is that both sites use a 4:1 ballun.
I was advised that the Windom may have 400 ohm impedance instead of the 200 ohm impedience implied.
Does any body know the impedience at the feed point, in other words has anybody tested for this info.
Gary ve3rin@...

[Non-text portions of this message have been removed]

4352. Tx off freq

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-02-17 21:23:44 UTC
From: Lane Giard
Topic: 4352 Message: 4352

My 850 recieves on freq but tx slightly low. If i set recieve to 7.260.00 i need to tx at 7.259.90 to sound good. what can I adjust to correct this? Thanks for the help.

Lane

4353. Re: [TS-850_450_690] Tx off freq

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-02-18 01:04:39 UTC
From: ve3wej
Topic: 4352 Message: 4353

yes in the manual somewwhere, there is an adjustment. if there is no response from others, email me direct and i will try to dig it out....

----- Original Message -----
From: Lane Giard
To: TS-850_450_690@yahoogroups.com
Sent: Friday, February 17, 2006 4:23 PM
Subject: [TS-850_450_690] Tx off freq

My 850 recieves on freq but tx slightly low. If i set recieve to
7.260.00 i need to tx at 7.259.90 to sound good. what can I adjust to
correct this? Thanks for the help.

Lane

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[Non-text portions of this message have been removed]

4354. w2ihy settings

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-02-18 22:42:34 UTC
From: w8btm45231
Topic: 4354 Message: 4354

I have a shure SM57 and a W2IHY 8 band EQ can some one recomend some settings on the EQ that would make my 850 sound nice
tnx N8YI

4355. Re: w2ihy settings

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-02-19 00:14:31 UTC
From: max_ve3tmt
Topic: 4354 Message: 4355

--- In TS-850_450_690@yahoogroups.com, "w8btm45231" <bmcgraw@...> wrote:
>
> I have a shure SM57 and a W2IHY 8 band EQ can some one recomend some
> settings on the EQ that would make my 850 sound nice
> tnx N8YI
>

Plug a good set of headphones into the rig, turn the TX monitor on and
play with the settings.

4356. TS-450 display problem.

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-02-20 02:54:28 UTC
From: Rodrigo
Topic: 4356 Message: 4356

Hi

I have a ts450 and recently it has developed a display problem. When you turn it on, the HELLO message or whatever frequency it is showing, the numbers appear mixed up...I have to turn it off and on couple times to get it ok again.

Have anyone experienced this problem before?

Thanks in advance

Rod

[Non-text portions of this message have been removed]

4357. Re: TS-450 display problem.

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-02-20 02:27:26 UTC
From: max_ve3tmt
Topic: 4356 Message: 4357

Rod,

When was the last time the battery was changed?

Max

4358. Re: [TS-850_450_690] Re: TS-450 display problem.

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-02-20 14:51:14 UTC
From: Rodrigo
Topic: 4356 Message: 4358

Hi Max

I guess it was never changed...I bought it new and it is holding the memories pretty good so I decided to do it later...

Could be it?

Thanks

Rod

----- Original Message -----
From: max_ve3tmt
To: TS-850_450_690@yahoogroups.com
Sent: Sunday, February 19, 2006 11:27 PM
Subject: [TS-850_450_690] Re: TS-450 display problem.

Rod,

When was the last time the battery was changed?

Max

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Version: 7.1.375 / Virus Database: 267.15.11/264 - Release Date: 2/17/2006

[Non-text portions of this message have been removed]

4359. Re: [TS-850_450_690] Re: TS-450 display problem.

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-02-20 04:17:54 UTC
From: N3ISH@COMCAST.NET
Topic: 4356 Message: 4359

Is their a window for Kenwood 870.s
George n3ish@...

----- Original Message -----
From: "max_ve3tmt" <max_ve3tmt@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Sunday, February 19, 2006 9:27 PM
Subject: [TS-850_450_690] Re: TS-450 display problem.

> Rod,
>
> When was the last time the battery was changed?
>
> Max
>
>
>
>
>
>
> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
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4360. Re: [TS-850_450_690] Re: TS-450 display problem.

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-02-20 11:19:22 UTC
From: Paul
Topic: 4356 Message: 4360

Don't wait until the battery is dead - by then, it could have leaked and damaged the PC board.

They should be replaced after 8 or 10 years, or any time the radio is serviced (it's cheap insurance)..

Paul - K2BK

Rodrigo wrote:

> Hi Max
>
> I guess it was never changed...I bought it new and it is holding
> the memories pretty good so I decided to do it later...
>
> Could be it?
>
> Thanks
>
> Rod
>
> ----- Original Message -----
> From: max_ve3tmt
> To: TS-850_450_690@yahoogroups.com
> Sent: Sunday, February 19, 2006 11:27 PM
> Subject: [TS-850_450_690] Re: TS-450 display problem.
>
>
> Rod,
>
> When was the last time the battery was changed?
>
> Max
>
>
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>
> THANKS FOR USING TS-850_450_690@...
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>
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>
> --
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> 2/17/2006
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craft+supply&w4=Rules+of+the+road&c=4&s=83&.sig=yoVbTQtG6YaR6NJUyKpXvA>
> Craft hobby
> <http://groups.yahoo.com/gads?t=ms&k=Craft+hobby&w1=Ham+radio&w2=Craft+hobby&w3=Hobby+an
d+craft+supply&w4=Rules+of+the+road&c=4&s=83&.sig=htBHoHvXnYfz2KGpW1Rf1g>
> Hobby and craft supply
> <http://groups.yahoo.com/gads?t=ms&k=Hobby+and+craft+supply&w1=Ham+radio&w2=Craft+hobby&
w3=Hobby+and+craft+supply&w4=Rules+of+the+road&c=4&s=83&.sig=qbynoBgYr6SAUdiOpBo5Kw>
>
> Rules of the road
> <http://groups.yahoo.com/gads?t=ms&k=Rules+of+the+road&w1=Ham+radio&w2=Craft+hobby&w3=Ho
bby+and+craft+supply&w4=Rules+of+the+road&c=4&s=83&.sig=EzShZuvWlHa4KASEZZWJBA>
>

>
>
> --
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> <http://groups.yahoo.com/group/TS-850_450_690>" on the web.
>
> * To unsubscribe from this group, send an email to:
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>
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> Service <http://docs.yahoo.com/info/terms/>.
>
>
> --
>

4361. Re: TS-450 display problem.

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-02-20 12:00:30 UTC
From: max_ve3tmt
Topic: 4356 Message: 4361

--- In TS-850_450_690@yahoogroups.com, "Rodrigo" <yid_grps@...> wrote:
>
> Hi Max
>
> I guess it was never changed...I bought it new and it is holding
the memories pretty good so I decided to do it later...
>
> Could be it?
>
> Thanks
>
> Rod

It's the first thing I was check. And as Paul said, why wait, if it hasn't leaked already it would be a good time to do it anyway. Due to the battery's positioning on the digital board (I think it is the same as the 850)you may want to mount it elsewhere so it is easier to get at next time. I mounted mine under the little hatch on the top cover. My 850 started to go flakey, the S-meter quit working, the slope tuning wouldn't work, sometimes it would lock in TX. Things you wouldn't expect to be the battery. I put a new one in and haven't had a problem since.

Max

4362. Re: [TS-850_450_690] Re: TS-450 display problem.

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-02-21 00:11:33 UTC
From: Rodrigo
Topic: 4356 Message: 4362

Yes,

I will do that...it also has developed a little off frequency as you go high on the bands...

Any suggestion and pics of those who have done it? Im thinking about getting a old computer motherboard battery holder and place it some where in the case and pull the wires from the board...so next time it goes dead, just flip the battery and put a new in and also, keep it inside a little plastic bag, in case the new one leaks, which I believe it would not last as much as the original one.

Rod

----- Original Message -----
From: max_ve3tmt
To: TS-850_450_690@yahoogroups.com
Sent: Monday, February 20, 2006 9:00 AM
Subject: [TS-850_450_690] Re: TS-450 display problem.

--- In TS-850_450_690@yahoogroups.com, "Rodrigo" <yid_grps@...> wrote:
>
> Hi Max
>
> I guess it was never changed...I bought it new and it is holding the memories pretty good so I decided to do it later...
>
> Could be it?
>
> Thanks
>
> Rod

It's the first thing I was check. And as Paul said, why wait, if it hasn't leaked already it would be a good time to do it anyway. Due to the battery's positioning on the digital board (I think it is the same as the 850)you may want to mount it elsewhere so it is easier to get at next time. I mounted mine under the little hatch on the top cover. My 850 started to go flakey, the S-meter quit working, the slope tuning wouldn't work, sometimes it would lock in TX. Things you wouldn't expect to be the battery. I put a new one in and haven't had a problem since.

Max

THANKS FOR USING TS-850_450_690@...

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Version: 7.1.375 / Virus Database: 267.15.11/264 - Release Date: 2/17/2006

[Non-text portions of this message have been removed]

4363. Re: [TS-850_450_690] Re: replacing 450/850 batteries...

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-02-20 12:57:12 UTC
From: Paul
Topic: 4356 Message: 4363

Hi Guys.

I had wanted to get one of the battery holders that hold the battery and
it slips in and out.

Radio shack used to sell them, but no more.

I tried to find them on the web, and all I could find was volume
distributors that sold in lots of xxx for $30+

Do any of you guys know of a source of these coin type battery holders,
cuz I'm going into my 850 soon for mods, and would like to do a remote
battery holder while I'm in it.

Paul - K2BK

Rodrigo wrote:

> Yes,
>
> I will do that...it also has developed a little off frequency as
> you go high on the bands...
>
>
> Any suggestion and pics of those who have done it? Im thinking about
> getting a old computer motherboard battery holder and place it some
> where in the case and pull the wires from the board...so next time it
> goes dead, just flip the battery and put a new in and also, keep it
> inside a little plastic bag, in case the new one leaks, which I
> believe it would not last as much as the original one.
>
>
> Rod
>
>
>
>
> ----- Original Message -----
> From: max_ve3tmt
> To: TS-850_450_690@yahoogroups.com
> Sent: Monday, February 20, 2006 9:00 AM
> Subject: [TS-850_450_690] Re: TS-450 display problem.
>
>
> --- In TS-850_450_690@yahoogroups.com, "Rodrigo" <yid_grps@...> wrote:
> >
> > Hi Max

> >
> > I guess it was never changed...I bought it new and it is holding
> the memories pretty good so I decided to do it later...
> >
> > Could be it?
> >
> > Thanks
> >
> > Rod
>
> It's the first thing I was check. And as Paul said, why wait, if it
> hasn't leaked already it would be a good time to do it anyway. Due to
> the battery's positioning on the digital board (I think it is the same
> as the 850)you may want to mount it elsewhere so it is easier to get
> at next time. I mounted mine under the little hatch on the top cover.
> My 850 started to go flakey, the S-meter quit working, the slope
> tuning wouldn't work, sometimes it would lock in TX. Things you
> wouldn't expect to be the battery. I put a new one in and haven't had
> a problem since.
>
> Max
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>
> THANKS FOR USING TS-850_450_690@...
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>
> ---
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> <http://groups.yahoo.com/gads?t=ms&k=Ham+radio&w1=Ham+radio&w2=Craft+hobby&w3=Hobby+and+craft+supply&w4=Rules+of+the+road&c=4&s=83&.sig=yoVbTQtG6YaR6NJUyKpXvA>
> Craft hobby
> <http://groups.yahoo.com/gads?t=ms&k=Craft+hobby&w1=Ham+radio&w2=Craft+hobby&w3=Hobby+and+craft+supply&w4=Rules+of+the+road&c=4&s=83&.sig=htBHoHvXnYfz2KGpW1Rf1g>
> Hobby and craft supply
> <http://groups.yahoo.com/gads?t=ms&k=Hobby+and+craft+supply&w1=Ham+radio&w2=Craft+hobby&w3=Hobby+and+craft+supply&w4=Rules+of+the+road&c=4&s=83&.sig=qbynoBgYr6SAUdiOpBo5Kw>
>
> Rules of the road
> <http://groups.yahoo.com/gads?t=ms&k=Rules+of+the+road&w1=Ham+radio&w2=Craft+hobby&w3=Hobby+and+craft+supply&w4=Rules+of+the+road&c=4&s=83&.sig=EzShZuvWlHa4KASEZZWJBA>
>
>
>
> --
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>
>
> --
>

4364. Re: replacing 450/850 batteries...

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-02-20 13:53:54 UTC
From: max_ve3tmt
Topic: 4356 Message: 4364

--- In TS-850_450_690@yahoogroups.com, Paul <condor@...> wrote:

> Do any of you guys know of a source of these coin type battery
holders,
> cuz I'm going into my 850 soon for mods, and would like to do a
remote
> battery holder while I'm in it.
>
> Paul - K2BK

Old computer motherboards are a good source.

Max

4365. Re: [TS-850_450_690] Re: replacing 450/850 batteries...

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-02-20 14:13:02 UTC
From: ve3wej
Topic: 4356 Message: 4365

I also see the battery available at just about all the swaps I go to in mich/ohio/and ontario

cr2032 and the socket from an old computer mother board IS a good idea. As far as using the battery from the computer, while it would get you by in a pinch, isnt the battery sometimes as old as the original.

----- Original Message -----
From: max_ve3tmt
To: TS-850_450_690@yahoogroups.com
Sent: Monday, February 20, 2006 8:53 AM
Subject: [TS-850_450_690] Re: replacing 450/850 batteries...

--- In TS-850_450_690@yahoogroups.com, Paul <condor@...> wrote:

> Do any of you guys know of a source of these coin type battery
holders,
> cuz I'm going into my 850 soon for mods, and would like to do a
remote
> battery holder while I'm in it.
>
> Paul - K2BK

Old computer motherboards are a good source.

Max

THANKS FOR USING TS-850_450_690@...

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No virus found in this incoming message.
Checked by AVG Free Edition.
Version: 7.1.375 / Virus Database: 267.15.11/264 - Release Date: 17/02/2006

[Non-text portions of this message have been removed]

4366. Re: [TS-850_450_690] Re: replacing 450/850 batteries...

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-02-20 14:16:19 UTC
From: Gary ve3rin
Topic: 4356 Message: 4366

The old computer mother board trick does the job. I went to a small computer store and got one there with out having to get the entire board. FREE
Gary
----- Original Message -----
From: Paul
To: TS-850_450_690@yahoogroups.com
Sent: Monday, February 20, 2006 7:57 AM
Subject: Re: [TS-850_450_690] Re: replacing 450/850 batteries...

Hi Guys.

I had wanted to get one of the battery holders that hold the battery and it slips in and out.

Radio shack used to sell them, but no more.

I tried to find them on the web, and all I could find was volume distributors that sold in lots of xxx for $30+

Do any of you guys know of a source of these coin type battery holders, cuz I'm going into my 850 soon for mods, and would like to do a remote battery holder while I'm in it.

Paul - K2BK

Rodrigo wrote:

> Yes,
>
> I will do that...it also has developed a little off frequency as
> you go high on the bands...
>
>
> Any suggestion and pics of those who have done it? Im thinking about
> getting a old computer motherboard battery holder and place it some
> where in the case and pull the wires from the board...so next time it
> goes dead, just flip the battery and put a new in and also, keep it
> inside a little plastic bag, in case the new one leaks, which I
> believe it would not last as much as the original one.
>
>
> Rod
>
>
>
>
> ----- Original Message -----

> From: max_ve3tmt
> To: TS-850_450_690@yahoogroups.com
> Sent: Monday, February 20, 2006 9:00 AM
> Subject: [TS-850_450_690] Re: TS-450 display problem.
>
>
> --- In TS-850_450_690@yahoogroups.com, "Rodrigo" <yid_grps@...> wrote:
> >
> > Hi Max
> >
> > I guess it was never changed...I bought it new and it is holding
> the memories pretty good so I decided to do it later...
> >
> > Could be it?
> >
> > Thanks
> >
> > Rod
>
> It's the first thing I was check. And as Paul said, why wait, if it
> hasn't leaked already it would be a good time to do it anyway. Due to
> the battery's positioning on the digital board (I think it is the same
> as the 850)you may want to mount it elsewhere so it is easier to get
> at next time. I mounted mine under the little hatch on the top cover.
> My 850 started to go flakey, the S-meter quit working, the slope
> tuning wouldn't work, sometimes it would lock in TX. Things you
> wouldn't expect to be the battery. I put a new one in and haven't had
> a problem since.
>
> Max
>
>
>
>
>
>
> THANKS FOR USING TS-850_450_690@...
>
>
>
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> b.. To unsubscribe from this group, send an email to:
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> Service.

>
>
> ---
>
>
>
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> ---
>
>
> No virus found in this incoming message.
> Checked by AVG Free Edition.
> Version: 7.1.375 / Virus Database: 267.15.11/264 - Release Date:
> 2/17/2006
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>
> [Non-text portions of this message have been removed]
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> <http://groups.yahoo.com/gads?t=ms&k=Hobby+and+craft+supply&w1=Ham+radio&w2=Craft+hobby&w3=Hobby+and+craft+supply&w4=Rules+of+the+road&c=4&s=83&.sig=qbynoBgYr6SAUdiOpBo5Kw>
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>
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[Non-text portions of this message have been removed]

4367. Re: [TS-850_450_690] Re: replacing 450/850 batteries...

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-02-20 14:41:54 UTC
From: Rich Dailey, N8UX.
Topic: 4356 Message: 4367

> > Do any of you guys know of a source of these coin type battery
>holders,

I'm using the CR2032 size to replace them in the 850's - here are some sources-

http://www.mcmelectronics.com - part # 29-1675 - $.70

http://www.mouser.com/ - part # 614-hu2032lf - .$82

http://www.digikey.com/ - part # BA2032-ND - $1.03

If you're going to attempt mounting the holder in the thru holes where the old
battery was located, I'd highly recommend not using a used motherboard holder,
as the thru holes are pretty small (in the 850). Alternatively, you
can solder pigtails
to the mounting legs, insulate them with tape and mount in a more
convenient location.
When doing this, I use a couple ferrite beads on the pigtails for good measure.

Rich, N8UX

Rich Dailey, N8UX.
FISTS # 5605, SKCC #1324
Do you have a J-36 bug? See the J-36 Project page - http://tinyurl.com/9y3kq
--... ...--

4368. Re: [TS-850_450_690] Re: replacing 450/850 batteries...

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-02-20 15:49:05 UTC
From: Paul
Topic: 4356 Message: 4368

Hi Rich... THANK YOU. !!!

I don't plan on mounting it, I will run wires and place it somewhere
with easy access.

Paul - K2BK

Rich Dailey, N8UX. wrote:

>
> > > Do any of you guys know of a source of these coin type battery
> >holders,
>
> I'm using the CR2032 size to replace them in the 850's - here are some
> sources-
>
> http://www.mcmelectronics.com - part # 29-1675 - $.70
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> http://www.mouser.com/ - part # 614-hu2032lf - .$82
>
> http://www.digikey.com/ - part # BA2032-ND - $1.03
>
> If you're going to attempt mounting the holder in the thru holes where
> the old
> battery was located, I'd highly recommend not using a used motherboard
> holder,
> as the thru holes are pretty small (in the 850). Alternatively, you
> can solder pigtails
> to the mounting legs, insulate them with tape and mount in a more
> convenient location.
> When doing this, I use a couple ferrite beads on the pigtails for good
> measure.
>
> Rich, N8UX
>
>
> Rich Dailey, N8UX.
> FISTS # 5605, SKCC #1324
> Do you have a J-36 bug? See the J-36 Project page -
> http://tinyurl.com/9y3kq
> --... ...--
>
>
>
> THANKS FOR USING TS-850_450_690@...
>

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> Craft hobby
> <http://groups.yahoo.com/gads?t=ms&k=Craft+hobby&w1=Ham+radio&w2=Craft+hobby&w3=Hobby+and+craft+supply&w4=Rules+of+the+road&c=4&s=83&.sig=htBHoHvXnYfz2KGpW1Rf1g>
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>
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> --
>

4369. Another Battery holder source

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-02-20 16:46:22 UTC
From: Rich Dailey, N8UX.
Topic: 4369 Message: 4369

http://www.allelectronics.com/cgi-bin/item/BH-60/970/COIN-CELL_BATTERY_HOLDER,_20MM_DIA_CELL_.html

Rich

Rich Dailey, N8UX.
FISTS # 5605, SKCC #1324
Do you have a J-36 bug? See the J-36 Project page - http://tinyurl.com/9y3kq
--... ...--

4370. TS-690S using VFO A & B for split?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-02-21 00:33:59 UTC
From: Paul N. Gayet AA1SU
Topic: 4370 Message: 4370

Hi Clint, Zach, et al,
Thanks for asking the question about working split operation. I too had been struggling with that on occasion. It's one of those things that I read over quickly in the manual at the time. I have a TS-690S and the instructions provided match almost exactly. Even locking the frequency and looking to see where the DX is listening with the TF button works the same! This comes in handy to see if I'm even close. I feel silly that I forgot about the A=B Button. I kept manually entering the frequency from other bands.

I used NIMM Logger for the first time this weekend in the ARRL CW DX Contest. The RIG control allows for SPLIT operation, with a little learning curve. It's just amazing what smart Hams will put out there on the web for free! The same goes for Ham Radio Deluxe for RIG control. Both are high quality programs available for free. Sure wish Kentrol was free. I can't even get the DEMO version to open up in the computer. I think there is a problem with the software, but I'm not too worried about it.

While I'm thinking about it, what are the short cuts for setting up the memories? It's another part of the manual that I just glazed over. :-)

73
Paul N. Gayet AA1SU
ARRL Vermont Section Manager
AA1SU@...
FISTS #4028
Please visit
http://www.arrl.org/sections/?sect=VT
for the latest in ARRL Vermont Section News

[Non-text portions of this message have been removed]

4371. battery holder

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-02-21 20:16:11 UTC
From: john rogers
Topic: 4371 Message: 4371

I used a battery holder from an old motherboard when replacing my battery in the 850. I clipped the mounting tabs off the old battery in the 850 as close to the battery as possible. I formed them to align with the tabs on the new holder and soldered them together, That way I did not have to remove the circuit board to get behind it and also didn't risk messing up the circuit traces. It has been working great.

John - W4BA

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[Non-text portions of this message have been removed]

4372. 60 meter

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-02-21 22:03:07 UTC
From: kc2jku
Topic: 4372 Message: 4372

I have a TS450S and I am wondering if there is a way to transmitt on the 60 meter band.

Thanks KC2JKU

4373. Re: [TS-850_450_690] 60 meter

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-02-21 22:29:32 UTC
From: Zack Widup
Topic: 4372 Message: 4373

On Tue, 21 Feb 2006, kc2jku wrote:

> I have a TS450S and I am wondering if there is a way to transmitt on
> the 60 meter band.
>
> Thanks KC2JKU
>

Yes - go to http://www.mods.dk and click "Kenwood" on the main menu, then click "TS-450" on the right, then click "General Coverage Transmission Modification for the TS-450 and TS-690".

I think I'd rather unsolder the chip diode D27 than cut it. Bt that's my preference.

73, Zack W9SZ

4374. Recommend shop to replace TS-850 battery (& modify?)

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-02-22 01:19:50 UTC
From: radiok3pi
Topic: 4374 Message: 4374

Hello,

My TS-850S is 10 yrs old. No problems yet but I guess I need to replace the battery to be on the safe side.

I'm not going to be able to do the job myself. I am wondering if any group members can recommend someone who can do this and perhaps do a mod to put the battery holder in an easier (and safer) location.

Is there a general consensus on how often the battery should be changed?

Thanks & 73
Russ Johnson K3Pi
Lexington NC

4375. Re: TS-450 display problem.

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-02-22 01:26:05 UTC
From: L Nixon
Topic: 4356 Message: 4375

I put it on my webpage at:

http://www.geocities.com/lfnca/450bat/450sat_battery.htm

GL
Larry, VE7LFN

-- In TS-850_450_690@yahoogroups.com, "Rodrigo" <yid_grps@...> wrote:

>
> Any suggestion and pics of those who have done it?

4376. Re: [TS-850_450_690] Recommend shop to replace TS-850 battery (& modify?)

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-02-22 01:46:23 UTC
From: Anthony W. DePrato WA4JQS
Topic: 4374 Message: 4376

>yes Rich N8UX has been doing mods and repairs on ts850s . he is in
>qrz.com. he has worked on 3 of mine.

73 Tony

Anthony W. DePrato WA4JQS
QCWA # 23602 10X # 3621
A1-OP FISTS # 10573 AMI # 1274
NCDXF # 1036 RNARS # 1309 SKCC # 1227
DXCC PHONE DXCC RTTY DXCC CW
Lis. 1961 Calls Held
VP8BZL VP8SSI 3Y0PI V31SS ZD8JQS
WA4JQS/ZS1 WA4JQS/4K1 WA4JQS/KC4

4377. Re: [TS-850_450_690] Recommend shop to replace TS-850 battery (& modify?)

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-02-22 03:01:34 UTC
From: Paul
Topic: 4374 Message: 4377

I'm the original owner of my 850.
The serial number starts with #4... I don't remember what your a bought it, but '93/'94 seems about right..
My battery has not been changed, but I think I'm living on borrowed time, cuz when they go, they leak and corrode the circuit board.
I have heard that 10 to 12 years is pushing it, and once I put the battery holder in, I will change it every 5 years.

Paul - K2BK

radiok3pi wrote:

> Hello,
>
> My TS-850S is 10 yrs old. No problems yet but I guess I need to
> replace the battery to be on the safe side.
>
> I'm not going to be able to do the job myself. I am wondering if any
> group members can recommend someone who can do this and perhaps do a
> mod to put the battery holder in an easier (and safer) location.
>
> Is there a general consensus on how often the battery should be
> changed?
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> Thanks & 73
> Russ Johnson K3Pi
> Lexington NC
>
>
>
>
>
> THANKS FOR USING TS-850_450_690@...
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>
>
>
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4378. Re:TS-690S using VFO A & B for split?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-02-22 15:04:25 UTC
From: Phono-Guy
Topic: 4370 Message: 4378

> Date: Mon, 20 Feb 2006 19:33:59 -0500
> From: "Paul N. Gayet AA1SU" <aa1su@...>
> Subject: TS-690S using VFO A & B for split?
>
> Hi Clint, Zach, et al,
> Thanks for asking the question about working split
> operation. I too had been struggling with that on
> occasion. It's one of those things that I read over
> quickly in the manual at the time. I have a TS-690S
> and the instructions provided match almost exactly.
> Even locking the frequency and looking to see where
> the DX is listening with the TF button works the
> same! This comes in handy to see if I'm even close.
> I feel silly that I forgot about the A=B Button.
> I kept manually entering the frequency from other
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> I used NIMM Logger for the first time this weekend
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> the software, but I'm not too worried about it.
>
> While I'm thinking about it, what are the short cuts
> for setting up the memories? It's another part of
> the manual that I just glazed over. :-)
>
> 73
> Paul N. Gayet AA1SU
> ARRL Vermont Section Manager
> AA1SU@...
> FISTS #4028
> Please visit
> http://www.arrl.org/sections/?sect=VT
> for the latest in ARRL Vermont Section News
>
> [Non-text portions of this message have been
> removed]
>

Hi Paul,
With the help of folks on this group I was able to use
the split function quickly to work 3Y0X and other dx
over the last 2 weeks ... I have N1MM loaded on my
computer, but haven't jumped into all of it's
functinality just yet. I just installed a new
Soundcard in my PC, so I hope to soon get on the
digital modes, and computer rig control.

May I reccomend the DXLab suite of programs ... these
are all free, and the support is user driven.

http://www.qsl.net/dxlab/

73,
Clint
WS1V

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4379. Re: TS-450 battery problem.

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-02-23 01:22:16 UTC
From: L Nixon
Topic: 4356 Message: 4379

I guess I should have changed the subject from display problem to
battery problem. Oh well.

and for the 850, I have two links at the top of my 450 page for
changing the 850 battery

Larry

-- In TS-850_450_690@yahoogroups.com, "L Nixon" <lfnca@...> wrote:
>
> I put it on my webpage at:
>
> http://www.geocities.com/lfnca/450bat/450sat_battery.htm
>
> GL
> Larry, VE7LFN
>
>
>
> -- In TS-850_450_690@yahoogroups.com, "Rodrigo" <yid_grps@> wrote:
>
> >
> > Any suggestion and pics of those who have done it?
>

4380. Re: 60 meter

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-02-23 02:38:54 UTC
From: kc2jku
Topic: 4372 Message: 4380

--- In TS-850_450_690@yahoogroups.com, Zack Widup <w9sz@...> wrote:
>Thank You very much for the info

> On Tue, 21 Feb 2006, kc2jku wrote:
>
> > I have a TS450S and I am wondering if there is a way to transmitt on
> > the 60 meter band.
> >
> > Thanks KC2JKU
> >
>
> Yes - go to http://www.mods.dk and click "Kenwood" on the main menu,
then
> click "TS-450" on the right, then click "General Coverage Transmission
> Modification for the TS-450 and TS-690".
>
> I think I'd rather unsolder the chip diode D27 than cut it. Bt
that's my
> preference.
>
> 73, Zack W9SZ
>

4381. TS850S ... 60M

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-02-23 13:51:47 UTC
From: Phono-Guy
Topic: 4381 Message: 4381

I believe my 850S has already been modified to TX/RX
on the MARS frequecies ... does anyone know if this
mod also opens up the 850 to tx on 60M?
I can RX on 60M, but haven't tried to TX there yet.

73,
Clint
WS1V

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4382. Re: [TS-850_450_690] TS850S ... 60M

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-02-23 14:45:19 UTC
From: Paul Manuel
Topic: 4381 Message: 4382

--- Phono-Guy <taephono@...> wrote:
> I believe my 850S has already been modified to TX/RX
> on the MARS frequecies ... does anyone know if this
> mod also opens up the 850 to tx on 60M?
> I can RX on 60M, but haven't tried to TX there yet.

The only MARS mod that I know of on the 850 opens it up to transmit just about anywhere. Make sure you are in USB and on one of the correct center frequencies, lower your power and go for it! I entered the frequencies into memories on my 850.
73,
Paul K4PDM

_____
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4383. Re: [TS-850_450_690] TS850S ... 60M

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-02-23 15:26:58 UTC
From: Zack Widup
Topic: 4381 Message: 4383

The mod that I know of opens up transmit to the entire HF spectrum. I think bottom limit ia 1600 kHz. I use mine routinely on 60 meters and sometimes as an IF rig on 22 MHz with a transverter with an oddball IF.

Give it a try into a dummy load and see if it's putting out power on 5 MHz.

73, Zack W9SZ

On Thu, 23 Feb 2006, Phono-Guy wrote:

> I believe my 850S has already been modified to TX/RX
> on the MARS frequecies ... does anyone know if this
> mod also opens up the 850 to tx on 60M?
> I can RX on 60M, but haven't tried to TX there yet.
>
> 73,
> Clint
> WS1V
>

4384. Re: TS850S ... 60M

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-02-23 15:49:23 UTC
From: max_ve3tmt
Topic: 4381 Message: 4384

--- In TS-850_450_690@yahoogroups.com, Phono-Guy <taephono@...> wrote:
>
> I believe my 850S has already been modified to TX/RX
> on the MARS frequecies ... does anyone know if this
> mod also opens up the 850 to tx on 60M?
> I can RX on 60M, but haven't tried to TX there yet.
>
> 73,
> Clint
> WS1V

If you clipped D9, to open it up, it will transmit anywhere between
1.8 - 30 Mhz.

Max

4385. 60 meter

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-02-25 01:09:43 UTC
From: kc2jku
Topic: 4372 Message: 4385

Thanks for the Info. I took the radio apart yesterday and it works perfect. I have already made 6 contacts. Thanks for the help

KC2JKU
http://www.ocarc.us

4386. No TX

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-02-26 05:12:44 UTC
From: lichfish
Topic: 4386 Message: 4386

I lost TX power yesterday. RX is fine. Inspected the carrier board
and found C1 had leaked and replaced it but still no power. There were
several other 10 micro F capacitors on the carrier board that looked
like they had leaked but not as freshly as C1. Before I replaced C1
on carrier board I still had the "on air" light coming on but now it
doesn't. Any suggestions on where to start looking for the problem?
Thanks.

4387. Re: [TS-850_450_690] No TX

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-02-26 10:48:31 UTC
From: Rich Dailey, N8UX.
Topic: 4386 Message: 4387

Have you tried a reset yet? What condition is the battery in?
I assume we're talking about an 850.

Rich, N8UX

At 12:12 AM 02/26/06, you wrote:

>I lost TX power yesterday. RX is fine. Inspected the carrier board
>and found C1 had leaked and replaced it but still no power. There were
>several other 10 micro F capacitors on the carrier board that looked
>like they had leaked but not as freshly as C1. Before I replaced C1
>on carrier board I still had the "on air" light coming on but now it
>doesn't. Any suggestions on where to start looking for the problem?
>Thanks.
>
>
>
>
>
>
>THANKS FOR USING TS-850_450_690@...
>Yahoo! Groups Links
>
>
>
>

Rich Dailey, N8UX.
FISTS # 5605, SKCC #1324
Do you have a J-36 bug? See the J-36 Project page - http://tinyurl.com/9y3kq
--... ...--

4388. Re: No TX

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-02-26 14:03:01 UTC
From: max_ve3tmt
Topic: 4386 Message: 4388

Measure the TXB and RXB lines. On the IF board down near the front you will see a couple of solder pads. One is labelled TXB and another RXB. These pads should have 8V on them during transmit and receive respectively. Meaure these pads first. This will tell us if the radio is generating the proper switching voltages. The same thing happened to my 850 and it turned out to be the TRX board. It is a small sub-board on the IF board near the back in a row of 3 or 4. It was not generating the TXB voltage. I put a new board in and it has worked fine since.

Max

4389. TS850: low TX Power and lo RX sensivity

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-02-27 08:48:41 UTC
From: flusswandler
Topic: 4389 Message: 4389

Hi group,
i have a Problem with my TS 850, when the Tranciever is cold all works fine but sometimes after a few minutes the S Meter goes back and the RX sensivity is very low and than the TX Power ist only around 4 Watts. After the Tranceiver cooled al works fine ? I think not the Carrierboard ist the problem because it was replaced befor 6 Month.
Have anybody an Idea ?

4390. Re: [TS-850_450_690] Digest Number 1002

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-02-28 00:19:11 UTC
From: john rogers
Topic: 4390 Message: 4390

1. TS850: low TX Power and lo RX sensivity
From: "flusswandler"

I can't guide you to the components but suggest that this is a perfect symptom to use "freeze mist" for troubleshooting. Take the covers off and let it warm up. I would suspect a regulator IC for starters. Alternately slowly work the freeze mist across the circuit boards until the symptom goes away (receive returns). Then use short shots to localize the temp sensitive component.

Good luck, John

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[Non-text portions of this message have been removed]

4391. mars mod

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-03-01 02:30:04 UTC
From: petewk9l
Topic: 4391 Message: 4391

I have a TS850s I bought a couple of weeks ago and love it. I want to mod it for 60 meters, But I have seen to differant methods one says to cut D9 diode and one says to move d11 to d9. Anyone can tell me the correct way and my ser#50,901 if that makes. Thanks for any help. I wished I bought one of these along time ago.
wk9l@...

4392. Re: [TS-850_450_690] mars mod

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-03-01 14:15:51 UTC
From: Paul Manuel
Topic: 4391 Message: 4392

--- petewk9l <petewk9l@...> wrote:
> I have a TS850s I bought a couple of weeks ago and love it. I want to
> mod it for 60 meters, But I have seen to differant methods one says
> to cut D9 diode and one says to move d11 to d9. Anyone can tell me the
> correct way and my ser#50,901 if that makes. Thanks for any help. I
> wished I bought one of these along time ago.

Cut D9. Be sure to cut the right thing! First time I tried it, I was in a hurry and removed a surface-mount resistor. Then, I had to find one and replace it. The diode lead is easy to clip once you find it.
73,
Paul K4PDM

_____
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4393. Re: [TS-850_450_690] mars mod

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-03-01 14:44:33 UTC
From: Zack Widup
Topic: 4391 Message: 4393

It's a little more work, but I unsoldered one end of the diode and left it hanging above the board. That way, I can restore it easily if I ever wish to. I may or may not do that if I ever decide to sell the rig (which is also highly unlikely - what a great radio!)

73, Zack W9SZ

On Wed, 1 Mar 2006, Paul Manuel wrote:

>
>
> --- petewk9l <petewk9l@...> wrote:
> > I have a TS850s I bought a couple of weeks ago and love it. I want to
> > mod it for 60 meters, But I have seen to differant methods one says
> > to cut D9 diode and one says to move d11 to d9. Anyone can tell me the
> > correct way and my ser#50,901 if that makes. Thanks for any help. I
> > wished I bought one of these along time ago.
>
>
> Cut D9. Be sure to cut the right thing! First time I tried it, I was in a
> hurry and removed a surface-mount resistor. Then, I had to find one and
> replace it. The diode lead is easy to clip once you find it.
> 73,
> Paul K4PDM
>

4394. Re: replacing 450/850 batteries...

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-03-01 20:18:20 UTC
From: Roy Sakabu
Topic: 4356 Message: 4394

Good idea. No use putting it back into a tough-to-get-to location where it can potentially leak the next time. Put it in an easy to get to spot and be sure to write the date you replaced the battery on a piece of tape and put it on the back of the radio. Ten years from now, it will take you 5 minutes and $2 to replace the battery. <g>

73
Roy
AD6ZU

P.S. Ferrite beads are a good idea, but I don't think they are really necessary since the wires are simply carrying DC and in use when the radio is turned off. Just twist the wires.

--- In TS-850_450_690@yahoogroups.com, Paul <condor@...> wrote:
>
> Hi Rich... THANK YOU. !!!
>
> I don't plan on mounting it, I will run wires and place it somewhere
> with easy access.
>
> Paul - K2BK

4395. Re: replacing 450/850 batteries...

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-03-02 03:09:15 UTC
From: kj7f
Topic: 4356 Message: 4395

I placed my battery just underneath the filter access door on top of
the radio. Where the voice unit should be. To replace the battery
all I will need to do is open the door and snap in the replacement.
It couldn't be easier.

Terry W7AMI

--- In TS-850_450_690@yahoogroups.com, "Roy Sakabu" <rsakabu@...> wrote:
>
> Good idea. No use putting it back into a tough-to-get-to location
> where it can potentially leak the next time. Put it in an easy to get
> to spot and be sure to write the date you replaced the battery on a
> piece of tape and put it on the back of the radio. Ten years from
> now, it will take you 5 minutes and $2 to replace the battery. <g>
>
> 73
> Roy
> AD6ZU
>
> P.S. Ferrite beads are a good idea, but I don't think they are really
> necessary since the wires are simply carrying DC and in use when the
> radio is turned off. Just twist the wires.
>
> --- In TS-850_450_690@yahoogroups.com, Paul <condor@> wrote:
> >
> > Hi Rich... THANK YOU. !!!
> >
> > I don't plan on mounting it, I will run wires and place it somewhere
> > with easy access.
> >
> > Paul - K2BK
>

4396. Changing battery in TS 450SAT

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-03-03 20:30:40 UTC
From: Tom Osborne
Topic: 4396 Message: 4396

Hi all

Is there a site to show how to change the battery in my
TS-450SAT? Been seeing the posts about batteries leaking and though I
should change mine. Did a google but didn't find much. My radio has
started to come on slow. When cold, I turn it on and it takes 1-2 seconds
for the display to come on. Never did that before. Thanks and 73
Tom W7WHY

4397. RE: [TS-850_450_690] Digest Number 1006

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-03-03 20:40:06 UTC
From: bprats@telis.org
Topic: 4397 Message: 4397

Yes, indirectly there is. Pull up the web page for the 60 meter modification from mods.dk. The battery is clearly shown behind the front panel circuit board. It☐s the large quarter size but correct me if wrong, I think it is soldered in.

Top, bottom panels must be removed. Sorry, but I forgot if the battery was on the left or right front. But at 14 years old now, I'm still on the original so..... ?

Bill k6acj

-----Original Message-----
From: TS-850_450_690@yahoogroups.com
[mailto:TS-850_450_690@yahoogroups.com]
Sent: Friday, March 03, 2006 12:35 PM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] Digest Number 1006

There is 1 message in this issue.

Topics in this digest:

1. Changing battery in TS 450SAT
From: "Tom Osborne" <w7why@...>

Message: 1
Date: Fri, 03 Mar 2006 12:30:40 -0800
From: "Tom Osborne" <w7why@...t>
Subject: Changing battery in TS 450SAT

Hi all

Is there a site to show how to change the battery in my TS-450SAT? Been seeing the posts about batteries leaking and though I
should change mine. Did a google but didn't find much. My radio has
started to come on slow. When cold, I turn it on and it takes 1-2 seconds
for the display to come on. Never did that before. Thanks and 73

Tom W7WHY

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4398. Re: [TS-850_450_690] Changing battery in TS 450SAT

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-03-03 22:18:46 UTC
From: Rodrigo
Topic: 4396 Message: 4398

Hi

I just did it on mine...The battery was fine, 3.28 volts even after 12 years!! So I just relocated it to a easier place and wrapped it on a plastic bag in case it leaks....Quite easy to do, but you need some skills...I have some pictures I took in case you need...

73

Rod

----- Original Message -----
From: Tom Osborne
To: TS-850_450_690@yahoogroups.com
Sent: Friday, March 03, 2006 5:30 PM
Subject: [TS-850_450_690] Changing battery in TS 450SAT

Hi all

Is there a site to show how to change the battery in my
TS-450SAT? Been seeing the posts about batteries leaking and though I
should change mine. Did a google but didn't find much. My radio has
started to come on slow. When cold, I turn it on and it takes 1-2 seconds
for the display to come on. Never did that before. Thanks and 73
Tom W7WHY

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[Non-text portions of this message have been removed]

4399. Re: [TS-850_450_690] Changing battery in TS 450SAT

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-03-04 00:21:30 UTC
From: Tom Osborne
Topic: 4396 Message: 4399

Hi Rod
Do you have the pix posted somewhere? Thanks
Tom W7WHY

> Hi
>
> I just did it on mine...The battery was fine, 3.28 volts even after 12
> years!! So I just relocated it to a easier place and wrapped it on a
> plastic bag in case it leaks....Quite easy to do, but you need some
> skills...I have some pictures I took in case you need...
>
> 73
>
> Rod
>
> ----- Original Message -----
> From: Tom Osborne
> To: TS-850_450_690@yahoogroups.com
> Sent: Friday, March 03, 2006 5:30 PM
> Subject: [TS-850_450_690] Changing battery in TS 450SAT
>
>
> Hi all
>
> Is there a site to show how to change the battery in my
> TS-450SAT? Been seeing the posts about batteries leaking and though I
> should change mine. Did a google but didn't find much. My radio has
> started to come on slow. When cold, I turn it on and it takes 1-2
> seconds
> for the display to come on. Never did that before. Thanks and 73
> Tom W7WHY
>
>
>
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4400. Re: [TS-850_450_690] Changing battery in TS 450SAT

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-03-04 00:26:55 UTC
From: Rodrigo
Topic: 4396 Message: 4400

Hi

I will post on the group..just give me a minute...

Rod
----- Original Message -----
From: Tom Osborne
To: TS-850_450_690@yahoogroups.com
Sent: Friday, March 03, 2006 9:21 PM
Subject: Re: [TS-850_450_690] Changing battery in TS 450SAT

Hi Rod
Do you have the pix posted somewhere? Thanks
Tom W7WHY

> Hi
>
> I just did it on mine...The battery was fine, 3.28 volts even after 12
> years!! So I just relocated it to a easier place and wrapped it on a
> plastic bag in case it leaks....Quite easy to do, but you need some
> skills...I have some pictures I took in case you need...
>
> 73
>
> Rod
>
> ----- Original Message -----
> From: Tom Osborne
> To: TS-850_450_690@yahoogroups.com
> Sent: Friday, March 03, 2006 5:30 PM
> Subject: [TS-850_450_690] Changing battery in TS 450SAT
>
>
> Hi all
>
> Is there a site to show how to change the battery in my
> TS-450SAT? Been seeing the posts about batteries leaking and though I
> should change mine. Did a google but didn't find much. My radio has
> started to come on slow. When cold, I turn it on and it takes 1-2
> seconds
> for the display to come on. Never did that before. Thanks and 73
> Tom W7WHY
>
>
>
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4401. Re: [TS-850_450_690] Changing battery in TS 450SAT

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-03-04 01:10:29 UTC
From: Rodrigo
Topic: 4396 Message: 4401

Hi Tom

I have placed them on the group photo album - If you need further help, let me know

Rod

----- Original Message -----
From: Tom Osborne
To: TS-850_450_690@yahoogroups.com
Sent: Friday, March 03, 2006 9:21 PM
Subject: Re: [TS-850_450_690] Changing battery in TS 450SAT

Hi Rod
Do you have the pix posted somewhere? Thanks
Tom W7WHY

> Hi
>
> I just did it on mine...The battery was fine, 3.28 volts even after 12
> years!! So I just relocated it to a easier place and wrapped it on a
> plastic bag in case it leaks....Quite easy to do, but you need some
> skills...I have some pictures I took in case you need...
>
> 73
>
> Rod
>
> ----- Original Message -----
> From: Tom Osborne
> To: TS-850_450_690@yahoogroups.com
> Sent: Friday, March 03, 2006 5:30 PM
> Subject: [TS-850_450_690] Changing battery in TS 450SAT
>
>
> Hi all
>
> Is there a site to show how to change the battery in my
> TS-450SAT? Been seeing the posts about batteries leaking and though I
> should change mine. Did a google but didn't find much. My radio has
> started to come on slow. When cold, I turn it on and it takes 1-2
> seconds
> for the display to come on. Never did that before. Thanks and 73
> Tom W7WHY
>
>
>

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> ---
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4402. TS-850 Intermittent Output Problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-03-05 20:50:52 UTC
From: Daniel
Topic: 4402 Message: 4402

Hi Everyone,
I have a TS-850 and it has developed a problem where when I transmit, it will key up then the power will jump down to nothing, then gradually come back up and it sometimes will repeat this while keyed and others it stays with full output. Anyone had this problem and/or know what to do about it?? It does NOT appear to be a standing wave issue, or RFI.

HELP, cuz I love this rig and want it 100% ASAP!

Thanks,
Daniel N9WX

4403. Re: [TS-850_450_690] TS-850 Intermittent Output Problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-03-05 21:42:51 UTC
From: Gary ve3rin
Topic: 4402 Message: 4403

That sound exactly like the problem I had on my ts850.
My tech just repaired 2 others plus mine with the exact same problem. If I understood his explanation this is what I believe he said.
C1 on the carrier oscellator board which is a 47 mf @ 16 volt electrolytic cap that leaked and created a pocket under it that carbonized and shorted and damaged the RBX line. The carbon pocket had to be scraped out and the RXB line repaired. Also L15 on the PLL board had to be replaced.
Hope this helps.
I am not a tech and don't get into the insides of any radio.
Gary ve3rin

Hi Everyone,
I have a TS-850 and it has developed a problem where when I transmit, it will key up then the power will jump down to nothing, then gradually come back up and it sometimes will repeat this while keyed and others it stays with full output. Anyone had this problem and/or know what to do about it?? It does NOT appear to be a standing wave issue, or RFI.

Thanks,
Daniel N9WX

4404. Re: [TS-850_450_690] TS-850 Intermittent Output Problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-03-06 00:11:03 UTC
From: Anthony W. DePrato WA4JQS
Topic: 4402 Message: 4404

>
>C1 on the carrier oscellator board which is a 47 mf @ 16 volt electrolytic
>cap that leaked and created a pocket under it that carbonized and shorted
>and damaged the RBX line.

snip
this is the problem i listed about two months ago . all 16volt caps
on the mod and carrier boards need to be checked ASAP. There is a
problem with them starting to leak. this is a problem kenwood found a
couple years back. you will see a black liquid around the caps. your
best bet is to replace all of them. there are around 28 total. I have
3 ts 850sats and took them to Rich N8UX to fix this before it became
a very costly problem.
73 Tony

Anthony W. DePrato WA4JQS
QCWA # 23602 10X # 3621
A1-OP FISTS # 10573 AMI # 1274
NCDXF # 1036 RNARS # 1309 SKCC # 1227
DXCC PHONE DXCC RTTY DXCC CW
Lis. 1962 Calls Held
VP8BZL VP8SSI 3Y0PI V31SS ZD8JQS
WA4JQS/ZS1 WA4JQS/4K1 WA4JQS/KC4

4405. RE: [TS-850_450_690] TS-850 Intermittent Output Problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-03-06 00:28:10 UTC
From: John A. Ross
Topic: 4402 Message: 4405

Yes it is a very common problem, I found out the hard way.

In case anyone has not seen the effects you can see some images here of the DDS board.

http://www.gm6nx.com/850

I cannot remember now which one is the 47u which is most blamed, perhaps image 1 I think, but they should all be replaced for sure, preferably with better rated replacements (I used Nichicon UT series for the last one I did).

John

> -----Original Message-----
> From: TS-850_450_690@yahoogroups.com
> [mailto:TS-850_450_690@yahoogroups.com] On Behalf Of Anthony
> W. DePrato WA4JQS
> Sent: Monday, March 06, 2006 12:11 AM
> To: TS-850_450_690@yahoogroups.com
> Subject: Re: [TS-850_450_690] TS-850 Intermittent Output Problem
>
>
> >
> >C1 on the carrier oscellator board which is a 47 mf @ 16 volt
> >electrolytic cap that leaked and created a pocket under it that
> >carbonized and shorted and damaged the RBX line.
>
> snip
> this is the problem i listed about two months ago . all
> 16volt caps on the mod and carrier boards need to be checked
> ASAP. There is a problem with them starting to leak. this is
> a problem kenwood found a couple years back. you will see a
> black liquid around the caps. your best bet is to replace all
> of them. there are around 28 total. I have
> 3 ts 850sats and took them to Rich N8UX to fix this before it
> became a very costly problem.
> 73 Tony
>
>
> Anthony W. DePrato WA4JQS
> QCWA # 23602 10X # 3621
> A1-OP FISTS # 10573 AMI # 1274
> NCDXF # 1036 RNARS # 1309 SKCC # 1227
> DXCC PHONE DXCC RTTY DXCC CW
> Lis. 1962 Calls Held

> VP8BZL VP8SSI 3Y0PI V31SS ZD8JQS
> WA4JQS/ZS1 WA4JQS/4K1 WA4JQS/KC4
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> THANKS FOR USING TS-850_450_690@... Yahoo! Groups Links
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4406. Re: TS-850 Intermittent Output Problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-03-06 05:00:32 UTC
From: Richard Ferch
Topic: 4402 Message: 4406

Wow!

A question: Does anyone know whether the capacitor failure described here also causes the ALC voltage to change, or does it just cause dropouts in transmitted power without any effect on ALC?

The reason I ask is that there is another well-known problem with the TS-850, namely fluctuations in the negative voltage supply for ALC, which also causes sudden dips in output power and for which there is a completely different fix. Hopefully, if the capacitor problem does not cause changes in ALC you will be able to tell which problem you have just by watching the ALC voltage on the radio's meter.

73,
Rich VE3IAY

--- In TS-850_450_690@yahoogroups.com, "John A. Ross" <mygroups@...> wrote:
>
> Yes it is a very common problem, I found out the hard way.
>
> In case anyone has not seen the effects you can see some images here of the
> DDS board.
>
> http://www.gm6nx.com/850
>
> I cannot remember now which one is the 47u which is most blamed, perhaps
> image 1 I think, but they should all be replaced for sure, preferably with
> better rated replacements (I used Nichicon UT series for the last one I
> did).
>
>
> John
>
> > -----Original Message-----
> > From: TS-850_450_690@yahoogroups.com
> > [mailto:TS-850_450_690@yahoogroups.com] On Behalf Of Anthony
> > W. DePrato WA4JQS
> > Sent: Monday, March 06, 2006 12:11 AM
> > To: TS-850_450_690@yahoogroups.com
> > Subject: Re: [TS-850_450_690] TS-850 Intermittent Output Problem

> >
> >
> > >
> > >C1 on the carrier oscellator board which is a 47 mf @ 16 volt
> > >electrolytic cap that leaked and created a pocket under it that
> > >carbonized and shorted and damaged the RBX line.
> >
> > snip
> > this is the problem i listed about two months ago . all
> > 16volt caps on the mod and carrier boards need to be checked
> > ASAP. There is a problem with them starting to leak. this is
> > a problem kenwood found a couple years back. you will see a
> > black liquid around the caps. your best bet is to replace all
> > of them. there are around 28 total. I have
> > 3 ts 850sats and took them to Rich N8UX to fix this before it
> > became a very costly problem.
> > 73 Tony
> >
> >
> > Anthony W. DePrato WA4JQS
> > QCWA # 23602 10X # 3621
> > A1-OP FISTS # 10573 AMI # 1274
> > NCDXF # 1036 RNARS # 1309 SKCC # 1227
> > DXCC PHONE DXCC RTTY DXCC CW
> > Lis. 1962 Calls Held
> > VP8BZL VP8SSI 3Y0PI V31SS ZD8JQS
> > WA4JQS/ZS1 WA4JQS/4K1 WA4JQS/KC4
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> > THANKS FOR USING TS-850_450_690@... Yahoo! Groups Links
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4407. Re: TS-850 Intermittent Output Problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-03-06 13:17:06 UTC
From: max_ve3tmt
Topic: 4402 Message: 4407

--- In TS-850_450_690@yahoogroups.com, "Richard Ferch" <ve3iay@...> wrote:

> The reason I ask is that there is another well-known problem with
> the TS-850, namely fluctuations in the negative voltage supply for
> ALC, which also causes sudden dips in output power and for which
> there is a completely different fix.

Also , another problem I have experienced on two of my 850's is the failure of the SSB monitor circuit. It sounds like listening to SSB on AM radio. No carrier insertion. The 8.830 mhz carrier for the monitor circuit also comes off the CAR board. Hmmmmm.

Makes ya' wonder.

4408. Re: [TS-850_450_690] Re: TS-850 Intermittent Output Problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-03-06 16:43:29 UTC
From: Anthony W. DePrato
Topic: 4402 Message: 4408

We i spoke to a good pal of mine who is a service manager for knw last year . we talked about this cap problem and all the problems it caused. because the carrier board is one of the two boards affected by the leaky caps. you will get a great number of problems. bottom line if you have a 850. GET THE 16V. CAPS CHANGED OUT ! NOW! leaking or not. because the simply fact is they WILL leak sooner or later. they were just not a good quality cap.
73 Tony

QBE ZUT DE WA4JQS

ANTHONY W. (Tony) DePrato WA4JQS EXTRA - HEAVY
Since 1962
CQ DX HALL OF FAME # 35
A1-OP FISTS # 10573 SKCC #1227
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CALLS HELD:
WA4JQS/ZS1, WA4JQS/KC4, WA4JQS/4K1
ZD8JQS, V31SS,
VP8BZL, VP8SSI, 3Y0PI

[Non-text portions of this message have been removed]

4409. TS-850 Intermittent Output Problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-03-06 18:25:46 UTC
From: Gary ve3rin
Topic: 4402 Message: 4409

What is required to fix it (fluctuations in the negative voltage supply
for the ALC)
Gary ve3rin

snip
The reason I ask is that there is another well-known problem with
the TS-850, namely fluctuations in the negative voltage supply for
ALC, which also causes sudden dips in output power and for which
there is a completely different fix. Hopefully, if the capacitor
problem does not cause changes in ALC you will be able to tell which
problem you have just by watching the ALC voltage on the radio's meter.

4410. Re: TS-850 Intermittent Output Problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-03-06 21:30:20 UTC
From: max_ve3tmt
Topic: 4402 Message: 4410

--- In TS-850_450_690@yahoogroups.com, "Gary ve3rin" <ve3rin@...> wrote:
>
> What is required to fix it (fluctuations in the negative voltage supply
> for the ALC)
> Gary ve3rin

The simple fix is to replace a couple of resistors on the DC-DC board.
I recently swapped out mine for 15K values and it fixed the problem.
However it has also been brought up that this is a temporary fix only
and the problem will return. I will keep my fingers crossed.

Max

4411. Re: Carrier board caps

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-03-06 21:32:15 UTC
From: max_ve3tmt
Topic: 4402 Message: 4411

Can these caps be replaced with ordinary electrolytic caps of the recommended size & voltage rating? Looking at the pictures posted by another member I haven't seen this style before. It makes me want to rip the CAR board out and replace the caps.

Max

4412. Re: TS-850 Intermittent Output Problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-03-06 22:38:42 UTC
From: Richard Ferch
Topic: 4402 Message: 4412

Here are some references to consult on the ALC problem:

http://n6tr.jzap.com/850repair.html#ALC_voltage_problem
http://www.qsl.net/k0bx/ts850flu.htm
http://groups.yahoo.com/group/TS-850_450_690/files/MODIFICATIONS/DC-DC%
20CONVERTER/

I have done the same fix as Max, and so far it works just fine - but
now I'm going to have to look for and replace all those capacitors
too? Drat!

73,
Rich VE3IAY

--- In TS-850_450_690@yahoogroups.com, "Gary ve3rin" <ve3rin@...>
wrote:
>
> What is required to fix it (fluctuations in the negative voltage
supply
> for the ALC)
> Gary ve3rin
>
> snip
> The reason I ask is that there is another well-known problem with
> the TS-850, namely fluctuations in the negative voltage supply for
> ALC, which also causes sudden dips in output power and for which
> there is a completely different fix. Hopefully, if the capacitor
> problem does not cause changes in ALC you will be able to tell which
> problem you have just by watching the ALC voltage on the radio's
meter.
>

4413. TS 450SAT Filter

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-03-06 23:35:43 UTC
From: scottpa1960
Topic: 4413 Message: 4413

I just installed a 500 hz CW filter in my TS-450SAT. Is there a way to adjust so there is less bass? I've never had the luxury of a narrow cw filter so maybe I just have to get used to it being so bass(ey). It works great other than noted above.

Thanks,
Scott-WY3X

4414. Re: Carrier board caps

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-03-07 00:52:03 UTC
From: Dave
Topic: 4402 Message: 4414

Kenwood used Tantalum capacitors in those locations. Tantalum capacitors have lower ESR than electrolytic capacitors and therefore, some companies went hog-wild, using them everywhere in bypass situations.

However, they have all kinds of problems - too many spiky surge currents and they'll explode, for instance. I know a few engineers who accidentally short-circuited them to ground and got a nasty roasted burn on a finger when the cap exploded. They are also prone to leaking, if they go through temperature changes, like being in a piece of gear that's turned on for a few hours and then off when done - like a ham rig. Also, as they age, they lose the desirable low ESR characteristics.

The safety concerns with tantalums has led my last few employers to flat-out prohibit design engineers from designing them in, unless they can be contained in some sort of metal can that holds in the shrapnel.

Change 'em all to standard electrolytics. None of them are in locations that demand the superior electrical characteristics of a tantalum.

Dave W8NF

--- In TS-850_450_690@yahoogroups.com, "max_ve3tmt" <max_ve3tmt@...> wrote:
>
> Can these caps be replaced with ordinary electrolytic caps of the
> recommended size & voltage rating? Looking at the pictures posted by
> another member I haven't seen this style before. It makes me want to
> rip the CAR board out and replace the caps.
>
> Max
>

4415. Off topic question

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-03-07 01:02:44 UTC
From: Gary ve3rin
Topic: 4415 Message: 4415

I know this is an off topic question, But does any one on the group have any idea of the impedience at the feed point of an off centre fed dipole......Windom?
Gary ve3rin

[Non-text portions of this message have been removed]

4416. Re: [TS-850_450_690] Off topic question

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-03-07 01:43:15 UTC
From: Roland
Topic: 4415 Message: 4416

The impedience is around 200 ohms use a 4:1 balum.
----- Original Message -----
From: Gary ve3rin
To: TS-850_450_690@yahoogroups.com
Sent: Monday, March 06, 2006 3:02 PM
Subject: [TS-850_450_690] Off topic question

I know this is an off topic question, But does any one on the group have any idea of the impedience at the feed point of an off centre fed dipole......Windom?
Gary ve3rin

[Non-text portions of this message have been removed]

THANKS FOR USING TS-850_450_690@...

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[Non-text portions of this message have been removed]

4417. Re: [TS-850_450_690] TS 450SAT Filter

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-03-07 02:35:35 UTC
From: Tom Osborne
Topic: 4413 Message: 4417

Hi Scott

You can just adjust the if shift and make it sound just like you want. 73
Tom W7WHY

>I just installed a 500 hz CW filter in my TS-450SAT. Is there a way to
> adjust so there is less bass? I've never had the luxury of a narrow cw
> filter so maybe I just have to get used to it being so bass(ey). It
> works great other than noted above.
>
> Thanks,
> Scott-WY3X
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> THANKS FOR USING TS-850_450_690@...
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4418. Re: TS-850 Intermittent Output Problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-03-07 03:39:15 UTC
From: kb1kox
Topic: 4402 Message: 4418

--- In TS-850_450_690@yahoogroups.com, "Anthony W. DePrato"
<wa4jqs@...> wrote:
>bottom line if you
have a 850. GET THE 16V. CAPS CHANGED OUT ! NOW! leaking or not.

Ok,don't need to tell me twice! Is there a recommended replacement;A
mouser part #, ect.? I imagine,like everything,some caps are of a
higher quality than others,and if going thru the trouble of replacing
the caps,don't mind springing for top-of-line caps,I'm sure users of
this group have a prefered brand ect.

Thanks Neil/W1PTX

4419. Re: CAR board cap replacement

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-03-07 04:28:34 UTC
From: max_ve3tmt
Topic: 4402 Message: 4419

--- In TS-850_450_690@yahoogroups.com, "kb1kox" <ngoodl1@...> wrote:
>
> --- In TS-850_450_690@yahoogroups.com, "Anthony W. DePrato"
> <wa4jqs@> wrote:
> >bottom line if you
> have a 850. GET THE 16V. CAPS CHANGED OUT ! NOW! leaking or not.
>
> Ok,don't need to tell me twice! Is there a recommended replacement;A
> mouser part #, ect.? I imagine,like everything,some caps are of a
> higher quality than others,and if going thru the trouble of replacing
> the caps,don't mind springing for top-of-line caps,I'm sure users of
> this group have a prefered brand ect.
>
> Thanks Neil/W1PTX

And which ones to we swap out? There are 6 tantalums and 11
electrolytics on the board.

Max

4420. Re: [TS-850_450_690] Off topic question

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-03-07 08:11:07 UTC
From: Steve Beveridge
Topic: 4415 Message: 4420

Garry - theoretical impedance is about 300 ohm but in practice 200 - 400 ohm across the bands. As Roland indicates, the 4:1 balun will do the job. Some references suggest a 6:1, which allows for greater variations by dividing actual impedance by 6 rather than 4.

Steve VK2XWL

The impedience is around 200 ohms use a 4:1 balum.
----- Original Message -----

I know this is an off topic question, But does any one on the group have any idea of the impedience at the feed point of an off centre fed dipole......Windom?
Gary ve3rin

[Non-text portions of this message have been removed]

4421. Re: CAR board cap replacement

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-03-07 18:31:10 UTC
From: Dave
Topic: 4402 Message: 4421

Only the tantalums are trouble-prone; no need to replace the
electrolytics.

Dave W8NF

--- In TS-850_450_690@yahoogroups.com, "max_ve3tmt" <max_ve3tmt@...>
wrote:
>
> --- In TS-850_450_690@yahoogroups.com, "kb1kox" <ngoodl1@> wrote:
> >
> > --- In TS-850_450_690@yahoogroups.com, "Anthony W. DePrato"
> > <wa4jqs@> wrote:
> > >bottom line if you
> > have a 850. GET THE 16V. CAPS CHANGED OUT ! NOW! leaking or not.
> >
> > Ok,don't need to tell me twice! Is there a recommended replacement;A
> > mouser part #, ect.? I imagine,like everything,some caps are of a
> > higher quality than others,and if going thru the trouble of replacing
> > the caps,don't mind springing for top-of-line caps,I'm sure users of
> > this group have a prefered brand ect.
> >
> > Thanks Neil/W1PTX
>
> And which ones to we swap out? There are 6 tantalums and 11
> electrolytics on the board.
>
> Max
>

4422. Re: CAR board cap replacement

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-03-07 20:11:44 UTC
From: max_ve3tmt
Topic: 4402 Message: 4422

--- In TS-850_450_690@yahoogroups.com, "Dave" <emailw8nf@...> wrote:
>
> Only the tantalums are trouble-prone; no need to replace the
> electrolytics.
>
> Dave W8NF

Thanks Dave,

May be my next project.

Max

4423. Re: [TS-850_450_690] Re: Carrier board caps

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-03-07 20:14:11 UTC
From: Anthony W. DePrato
Topic: 4402 Message: 4423

yes
those were Tantaulm caps. do they do not work well. use orange drop or
other caps. But use 25 or 50 volt instead of the 16 volt. 16 volt is too
close to the operating voltage
73 Tony

QBE ZUT DE WA4JQS

ANTHONY W. (Tony) DePrato WA4JQS EXTRA - HEAVY
Since 1962
CQ DX HALL OF FAME # 35
A1-OP FISTS # 10573 SKCC #1227
South Sandwich Island Dxpedition Group
CALLS HELD:
WA4JQS/ZS1, WA4JQS/KC4, WA4JQS/4K1
ZD8JQS, V31SS,
VP8BZL, VP8SSI, 3Y0PI

4424. Re: [TS-850_450_690] Re: TS-850 Intermittent Output Problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-03-07 20:46:05 UTC
From: Anthony W. DePrato
Topic: 4402 Message: 4424

>
>Ok,don't need to tell me twice! Is there a recommended replacement;A
>mouser part #, ect.?

snip
Rich N8UX is putting a parts list together for the ts 850's he is on this
list. I would suggest 25v or 50v caps something like orange drop or
something of that type.
73 Tony

>

QBE ZUT DE WA4JQS

ANTHONY W. (Tony) DePrato WA4JQS EXTRA - HEAVY
Since 1962
CQ DX HALL OF FAME # 35
A1-OP FISTS # 10573 SKCC #1227
South Sandwich Island Dxpedition Group
CALLS HELD:
WA4JQS/ZS1, WA4JQS/KC4, WA4JQS/4K1
ZD8JQS, V31SS,
VP8BZL, VP8SSI, 3Y0PI

4425. Re: [TS-850_450_690] Re: CAR board cap replacement

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-03-07 20:53:29 UTC
From: Anthony W. DePrato
Topic: 4402 Message: 4425

>
>And which ones to we swap out? There are 6 tantalums and 11
>electrolytics on the board.
>
>Max
>
>snip

there are two boards that have the tantalums on them. change out all
the 16 volt tantalums.
73 Tony

>

QBE ZUT DE WA4JQS

ANTHONY W. (Tony) DePrato WA4JQS EXTRA - HEAVY
Since 1962
CQ DX HALL OF FAME # 35
A1-OP FISTS # 10573 SKCC #1227
South Sandwich Island Dxpedition Group
CALLS HELD:
WA4JQS/ZS1, WA4JQS/KC4, WA4JQS/4K1
ZD8JQS, V31SS,
VP8BZL, VP8SSI, 3Y0PI

4426. Re: TS-850 Intermittent Output Problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-03-07 22:48:07 UTC
From: kb1kox
Topic: 4402 Message: 4426

--- In TS-850_450_690@yahoogroups.com, "Anthony W. DePrato"
<wa4jqs@...> wrote:

Rich N8UX is putting a parts list together for the ts 850's he is on
this
list. I would suggest 25v or 50v caps something like orange drop or
something of that type.
73 Tony

> Thanks Tony,will do a google search on orange drop Cap's
73, Neil W1PTX / ex KB1KOX

4427. Re: CAR board cap replacement

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-03-07 23:39:26 UTC
From: max_ve3tmt
Topic: 4402 Message: 4427

--- In TS-850_450_690@yahoogroups.com, "Anthony W. DePrato"
<wa4jqs@...> wrote:

> there are two boards that have the tantalums on them. change out all
> the 16 volt tantalums.
> 73 Tony

Tony,

I don't see any other than on the CAR board. What is the second board?

Max

4428. Filter selection?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-03-08 01:10:23 UTC
From: taephono
Topic: 4428 Message: 4428

Last nite I installed 2 more filters in my 850S, so now all slots are
populated. Reading the user manual, I'm not sure exactly what setting
the toggle switches on the top of the rig accomplish?
I have toggle switches 1,3,4 turned on, only 2 is in the off position.
According to the manual this seems to be correct, but if you know
more specifics pass this info along?? ... :)

Thanks,
Clint - WS1V

4429. Re: Filter selection?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-03-08 01:20:18 UTC
From: max_ve3tmt
Topic: 4428 Message: 4429

--- In TS-850_450_690@yahoogroups.com, "taephono" <taephono@...> wrote:
>
> Last nite I installed 2 more filters in my 850S, so now all slots are
> populated. Reading the user manual, I'm not sure exactly what setting
> the toggle switches on the top of the rig accomplish?
> I have toggle switches 1,3,4 turned on, only 2 is in the off position.
> According to the manual this seems to be correct, but if you know
> more specifics pass this info along?? ... :)
>
> Thanks,
> Clint - WS1V
>

Clint,

Switch 1 activates the 500 or 250 hz CW filter on the IF board (455
khz IF)

Switch 2 has no effect

Switch 3 actives the 270 Hz CW or 1.8 Khz SSB filter on the RF board
(8.83 Mhz IF)

Switch 4 activates the 500 Hz CW or 1.8 Khz SSB filter on the RF board
(8.83 Mhz IF)

Max

4430. Re: Filter selection?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-03-08 02:19:28 UTC
From: taephono
Topic: 4428 Message: 4430

Max,
Very good, thanks.
That is excatly what I thought I was reading in the manual, but I
don't know if it is just me, but I don't find the manual to be very
clear.

73,
Clint
WS1V

--- In TS-850_450_690@yahoogroups.com, "max_ve3tmt" <max_ve3tmt@...>
wrote:
>
> --- In TS-850_450_690@yahoogroups.com, "taephono" <taephono@> wrote:
> >
> > Last nite I installed 2 more filters in my 850S, so now all slots
are
> > populated. Reading the user manual, I'm not sure exactly what
setting
> > the toggle switches on the top of the rig accomplish?
> > I have toggle switches 1,3,4 turned on, only 2 is in the off
position.
> > According to the manual this seems to be correct, but if you know
> > more specifics pass this info along?? ... :)
> >
> > Thanks,
> > Clint - WS1V
> >
>
> Clint,
>
> Switch 1 activates the 500 or 250 hz CW filter on the IF board (455
> khz IF)
>
> Switch 2 has no effect
>
> Switch 3 actives the 270 Hz CW or 1.8 Khz SSB filter on the RF board
> (8.83 Mhz IF)
>
> Switch 4 activates the 500 Hz CW or 1.8 Khz SSB filter on the RF
board
> (8.83 Mhz IF)
>
> Max
>

4431. Re: Filter selection?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-03-08 02:58:53 UTC
From: max_ve3tmt
Topic: 4428 Message: 4431

Clint,

You just have to cross reference the filter number with what the switch says, you're right it isn't very clear.

Max

4432. Re: [TS-850_450_690] Re: TS-850 Intermittent Output Problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-03-08 21:35:24 UTC
From: Daniel Hileman
Topic: 4402 Message: 4432

Hi,
Sorry everyone,I'm confused, do I need to replace ALL caps in the entire rig or just the 16V ones, or what?
What about that DC-DC board? Are these separate problems or is the DC board problem related to the caps??

Thanks...and 73,
Daniel N9WX

kb1kox <ngoodl1@...> wrote:
--- In TS-850_450_690@yahoogroups.com, "Anthony W. DePrato" <wa4jqs@...> wrote:

Rich N8UX is putting a parts list together for the ts 850's he is on this
list. I would suggest 25v or 50v caps something like orange drop or
something of that type.
73 Tony

> Thanks Tony,will do a google search on orange drop Cap's
73, Neil W1PTX / ex KB1KOX

THANKS FOR USING TS-850_450_690@...

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---
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[Non-text portions of this message have been removed]

4433. Re: Carrier board caps

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-03-08 21:42:09 UTC
From: kb1kox
Topic: 4402 Message: 4433

--- In TS-850_450_690@yahoogroups.com, "Anthony W. DePrato"
<wa4jqs@...> wrote:
>
>
>
> yes
> those were Tantaulm caps. do they do not work well. use orange drop
or
> other caps. But use 25 or 50 volt instead of the 16 volt. 16 volt is
too
> close to the operating voltage
> 73 Tony
>
>
Xicon part # 140-esrL25v47, # 140esrL50v10, mouser cat pg.562, would
these caps be considered exceptable replacements?
couln't find orange drop caps with right voltage and capacitance in the
mouser Catalog

4434. Re: TS-850 Intermittent Output Problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-03-08 21:59:32 UTC
From: max_ve3tmt
Topic: 4402 Message: 4434

--- In TS-850_450_690@yahoogroups.com, Daniel Hileman <n9wx_dan@...>
wrote:
>
> Hi,
> Sorry everyone,I'm confused, do I need to replace ALL caps in the
entire rig or just the 16V ones, or what?
> What about that DC-DC board? Are these separate problems or is the
DC board problem related to the caps??
>
> Thanks...and 73,
> Daniel N9WX

Dan, the DC board problem is totally different. Apparantly if the supply voltage drops below a certain voltage, the ALC operates erratically. By changing the resistors on the DC board it allows the ALC function to operate properly with a lower supply voltage.

With all the postings lately, I can't help but wonder if new members think their radios are about to blow up! I would recommend the cap change to prevent any possible damage from leakage but the DC board doesn't appear on all radios. It is up to you whether you want to do the mods or not.

Max

4435. rf in audio

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-03-09 00:01:00 UTC
From: Dan VO1MX
Topic: 4435 Message: 4435

Hello,

I sometimes experience RF in my audio as heard through my Heil head-
set while listening with the monitor turned on in my 850. I'm told my
audio sounds great on the other end but nonetheless this condition
still bothers me. Has anyone else had this issue and if you have what
have you done to cure it?

Thanks es 73,

Dan
VO1MX

4436. Re: rf in audio

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-03-09 05:34:27 UTC
From: Richard Ferch
Topic: 4435 Message: 4436

Have you tried a ferrite choke on the headphone cable?

73,
Rich VE3IAY

--- In TS-850_450_690@yahoogroups.com, "Dan VO1MX" <zone2dx@...> wrote:
>
> Hello,
>
> I sometimes experience RF in my audio as heard through my Heil head-
> set while listening with the monitor turned on in my 850. I'm told
my
> audio sounds great on the other end but nonetheless this condition
> still bothers me. Has anyone else had this issue and if you have
what
> have you done to cure it?
>
> Thanks es 73,
>
> Dan
> VO1MX
>

4437. Re: [TS-850_450_690] Re: rf in audio

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-03-09 11:02:28 UTC
From: Dan Goodwin
Topic: 4435 Message: 4437

Not yet Rich but that is on the "to do" list.

--- Richard Ferch <ve3iay@...> wrote:

Have you tried a ferrite choke on the headphone cable?

73,
Rich VE3IAY

--- In TS-850_450_690@yahoogroups.com, "Dan VO1MX"
<zone2dx@...> wrote:
>
> Hello,
>
> I sometimes experience RF in my audio as heard
through my Heil head-
> set while listening with the monitor turned on in my
850. I'm told
my
> audio sounds great on the other end but nonetheless
this condition
> still bothers me. Has anyone else had this issue and
if you have
what
> have you done to cure it?
>
> Thanks es 73,
>
> Dan
> VO1MX
>

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Dan Goodwin

VO1MX VO2ZZ

_____
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http://mail.yahoo.com

4438. Slightly OT....but related to 2 Great Kenwood rigs.

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-03-09 14:06:49 UTC
From: KD5SFA
Topic: 4438 Message: 4438

For those who like the Kenwood quad band models
(TS-670 and TS-660) the TS-670 group is expanding to
include the TS-660 line as well. These are great all mode
qrp rigs with excellent receivers and many use for 6m
operation but include 3 HF bands as well.

The TS-670 was for the Japanese Novice band and there aren't
too many here in the US. The TS-660 is more numerous but there
haven't been any groups that I know of....thus we expanded the
TS-670 group to cover both models.

The TS-660 has 6m, 10m, 12m, and 15m capabilities.
The TS-670 has 6m, 10m, 15m, and 40m capabilities.

If you are interested, please feel free to join the group.

http://groups.yahoo.com/group/TS-670/

73,
Jon
KD5SFA

4439. at-450 ribbon cable

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-03-09 17:25:02 UTC
From: Dave
Topic: 4439 Message: 4439

Just bought a ts-690 that had the at-450 option installed.
Unfortunately, the ribbon cable is broken. Is this a normal occurance
and does kenwood still have these parts for sale? Is there
another/better source for these cables?

Thanks for your help.

Dave, wk2j

4440. Re: [TS-850_450_690] at-450 ribbon cable

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-03-09 19:08:11 UTC
From: Lane Giard
Topic: 4439 Message: 4440

This is the best place,

http://www.pacparts.com/default.cfm?CFID=611204&CFTOKEN=55005504

Lane, N7ZXP

----- Original Message -----
From: "Dave" <mickyspin@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Thursday, March 09, 2006 9:25 AM
Subject: [TS-850_450_690] at-450 ribbon cable

> Just bought a ts-690 that had the at-450 option installed.
> Unfortunately, the ribbon cable is broken. Is this a normal occurance
> and does kenwood still have these parts for sale? Is there
> another/better source for these cables?
>
> Thanks for your help.
>
> Dave, wk2j
>
>
>
>
>
> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
>
>
>
>
>
>
>

4441. Re: [TS-850_450_690] Re: TS-850 Intermittent Output Problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-03-09 20:01:30 UTC
From: Anthony W. DePrato
Topic: 4402 Message: 4441

At 01:35 PM 3/8/2006 -0800, you wrote:
>Hi,
>Sorry everyone,I'm confused, do I need to replace ALL caps in the entire
>rig or just the 16V ones, or what?
> What about that DC-DC board? Are these separate problems or is the DC
> board problem related to the caps??
>
> Thanks...and 73,
> Daniel N9WX

just the tantaulm v16 volt caps. they are on two boards in the rig .
they are round silver and have the voltage stamped on top.
73 Tony

4442. Re: [TS-850_450_690] Re: Carrier board caps

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-03-09 20:06:30 UTC
From: Anthony W. DePrato
Topic: 4402 Message: 4442

> >
> Xicon part # 140-esrL25v47, # 140esrL50v10, mouser cat pg.562, would
>these caps be considered exceptable replacements?
>couln't find orange drop caps with right voltage and capacitance in the
>mouser Catalog
>
you do not have to use the low est type but the ones u list will work
73 Tony

4443. Carrier Board on the 850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-03-09 22:30:39 UTC
From: waynesmithvo1ta
Topic: 4443 Message: 4443

After reading the reports of the bad caps on the carrier board I am thinking of having a look. The question I have is, where is the carrier board located in the 850 and how accesable is it? I don't have the service manual for the rig. Thanks Wayne VO1TA

4444. Re: Carrier Board on the 850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-03-09 22:47:16 UTC
From: max_ve3tmt
Topic: 4443 Message: 4444

--- In TS-850_450_690@yahoogroups.com, "waynesmithvo1ta"
<waynesmithvo1ta@...> wrote:
>
> After reading the reports of the bad caps on the carrier board I am
> thinking of having a look. The question I have is, where is the
> carrier board located in the 850 and how accesable is it? I don't have
> the service manual for the rig. Thanks Wayne VO1TA
>
Wayne,

The carrier board is located on the left side of the radio below where
the voice synthesizer sits. Remove the metal plate and the CAR board
is under that. It had the 4 identical DDS chips on it.

Max

4445. Re: Carrier Board on the 850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-03-09 23:07:40 UTC
From: waynesmithvo1ta
Topic: 4443 Message: 4445

--- In TS-850_450_690@yahoogroups.com, "max_ve3tmt" <max_ve3tmt@...>
wrote:
>
> --- In TS-850_450_690@yahoogroups.com, "waynesmithvo1ta"
> <waynesmithvo1ta@> wrote:
> >
> > After reading the reports of the bad caps on the carrier board I am
> > thinking of having a look. The question I have is, where is the
> > carrier board located in the 850 and how accesable is it? I don't have
> > the service manual for the rig. Thanks Wayne VO1TA
> >
> Wayne,
>
> The carrier board is located on the left side of the radio below where
> the voice synthesizer sits. Remove the metal plate and the CAR board
> is under that. It had the 4 identical DDS chips on it.
>
> Max
>
Tnxs Max, Will take the covers off when I get a chance, Cheers Wayne

4446. Carrier Board tantalum caps in the TS-850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-03-12 03:03:16 UTC
From: Dave
Topic: 4443 Message: 4446

Hi Everyone -

Today I opened up my TS-850 to count tantalum capacitors on the carrier board, and found ten 10uf and one 47uf, all 16v. I plan on ordering replacments from Mouser soon before they start leaking. Mine look OK for now. Are there any others in the radio that should be changed?

If you're interested, there are a few pictures at http://www.zievid.com/W6OT/TS-850/TS-850.htm. Pick "Carrier Board Caps" on the left menu, or go directly to http://www.zievid.com/W6OT/TS-850/CarrierBoardCaps.htm.

73,
- Dave
W6OT

4447. Re: Carrier Board tantalum caps in the TS-850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-03-12 17:35:33 UTC
From: max_ve3tmt
Topic: 4443 Message: 4447

--- In TS-850_450_690@yahoogroups.com, Dave <dave@...> wrote:
>
Today I opened up my TS-850 to count tantalum capacitors on the carrier board, and found ten 10uf and one 47uf, all 16v.

Dave,

According to the service manual there are only 6 tantalum caps on the carrier board...C33, C70, C74, C86, C90 and C104 all 4.7 uF 16V.

Max

4448. Re: [TS-850_450_690] Re: Carrier Board tantalum caps in the TS-850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-03-12 21:10:26 UTC
From: Dave
Topic: 4443 Message: 4448

Hmmm, interesting. The list on page 81 show the types as you list.

I was basing my notes on the eyeball survey of opening up the rig and looking at the board. The caps I pointed out match the photos John posted on March 5th the the leakage. He has them at http://www.gm6nx.com/850 and those match the ones I saw on the board.

In reading old posts I see Tony says they are on the mod board, so that's probably worth a look as well.

I guess tantalum vs. electolytics may not be the issue, and the real question is how often this type of leakage is going to occur.

- Dave
W6OT

max_ve3tmt wrote:

> --- In TS-850_450_690@yahoogroups.com, Dave <dave@...> wrote:
> >
> Today I opened up my TS-850 to count tantalum capacitors on the carrier
> board, and found ten 10uf and one 47uf, all 16v.
>
> Dave,
>
> According to the service manual there are only 6 tantalum caps on the
> carrier board...C33, C70, C74, C86, C90 and C104 all 4.7 uF 16V.
>
> Max
>
>
>
>
>
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>
>
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> <http://groups.yahoo.com/gads?t=ms&k=Ham+radio&w1=Ham+radio&w2=Craft+hobby&w3=Hobby+and+craft+supply&w4=Rules+of+the+road&c=4&s=83&.sig=yoVbTQtG6YaR6NJUyKpXvA>
> Craft hobby
> <http://groups.yahoo.com/gads?t=ms&k=Craft+hobby&w1=Ham+radio&w2=Craft+hobby&w3=Hobby+and+craft+supply&w4=Rules+of+the+road&c=4&s=83&.sig=htBHoHvXnYfz2KGpW1Rf1g>
> Hobby and craft supply

> <http://groups.yahoo.com/gads?t=ms&k=Hobby+and+craft+supply&w1=Ham+radio&w2=Craft+hobby&w3=Hobby+and+craft+supply&w4=Rules+of+the+road&c=4&s=83&.sig=qbynoBgYr6SAUdiOpBo5Kw>
>
> Rules of the road
> <http://groups.yahoo.com/gads?t=ms&k=Rules+of+the+road&w1=Ham+radio&w2=Craft+hobby&w3=Hobby+and+craft+supply&w4=Rules+of+the+road&c=4&s=83&.sig=EzShZuvWlHa4KASEZZWJBA>
>
>
>
> ---
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>
>
> ---
>

4449. RE: [TS-850_450_690] Carrier Board tantalum caps in the TS-850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-03-12 22:41:44 UTC
From: John A. Ross
Topic: 4443 Message: 4449

Dave

Also some pictures here of the after effects of the leaking.

http://www.gm6nx.com/850

The devices are not Tantalums, although you could change them for Tantalums if you want.

I have no idea which manufacturer or series are used for the original 850 chip electrolytic, but I normally use Nichicon UT series to replace them with. These are rated 105 Deg C 2000Hr min and the 10U/35V version fits on the same footprint which the original 10U/16V ones do.

The 47U/16 I have found better to either use a 47U/25V or actually use a standard Radial electrolytic soldered to the pads and laid on its side.

Both objectives are to not only replace the parts, but upgrade and improve the spec for longevity.

There is obviously something up with these parts, chip electrolytic in mainstream are usually only 1,000 hrs load life, especially around the age of these sets and inside the enclosed space gets pretty hot. Not good planning but the difference in cost probably saved the designer $0.04 per part in the BOM. Good for the profit margin, not so good for reliability. Way of the world I guess :-(

Another member of this list (Jim) also tracked down some mouser (TTI) part numbers for UD series from Nichicon which are slightly better rated than the UT series I used, perhaps he can post the Mouser part numbers for reference.

If anyone in the UK is after any, let me know, I keep plenty around.

All best

John

> -----Original Message-----
> From: TS-850_450_690@yahoogroups.com
> [mailto:TS-850_450_690@yahoogroups.com] On Behalf Of Dave
> Sent: Sunday, March 12, 2006 3:03 AM
> To: TS-850_450_690@yahoogroups.com
> Subject: [TS-850_450_690] Carrier Board tantalum caps in the TS-850
>
> Hi Everyone -
>
> Today I opened up my TS-850 to count tantalum capacitors on
> the carrier board, and found ten 10uf and one 47uf, all 16v.

> I plan on ordering replacments from Mouser soon before they
> start leaking. Mine look OK
> for now. Are there any others in the radio that should be changed?
>
> If you're interested, there are a few pictures at
> http://www.zievid.com/W6OT/TS-850/TS-850.htm. Pick "Carrier
> Board Caps"
> on the left menu, or go directly to
> http://www.zievid.com/W6OT/TS-850/CarrierBoardCaps.htm.
>
> 73,
> - Dave
> W6OT
>
>
>
>
>
> THANKS FOR USING TS-850_450_690@... Yahoo! Groups Links
>
>
>
>
>
>
>

4450. Re: [TS-850_450_690] Re: Carrier Board tantalum caps in the TS-850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-03-13 19:07:06 UTC
From: Anthony W. DePrato
Topic: 4443 Message: 4450

>hi Dave:

I am at work an can not find my notes. but last year when i was talking
with my friend at the kenwood service center. he said there were 26 or so
of these type caps in the ts 580 on two boards. he told me if they were
not leaking now they would leak before long. they are not designed for that
type of on / off service. the cost of replacing the two boards is over 10x
the cost of replacing the caps. Rich N8UX on this list has a service info.
on this ill try to find my notes and get a correct number. but 10 on one
board and a bunch on another sounds about right.
73 Tony

QBE ZUT DE WA4JQS

ANTHONY W. (Tony) DePrato WA4JQS EXTRA - HEAVY
Since 1962
CQ DX HALL OF FAME # 35
A1-OP FISTS # 10573 SKCC #1227
South Sandwich Island Dxpedition Group
CALLS HELD:
WA4JQS/ZS1, WA4JQS/KC4, WA4JQS/4K1
ZD8JQS, V31SS,
VP8BZL, VP8SSI, 3Y0PI

[Non-text portions of this message have been removed]

4451. Re: Carrier Board tantalum caps in the TS-850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-03-13 20:32:40 UTC
From: kb1kox
Topic: 4443 Message: 4451

--- In TS-850_450_690@yahoogroups.com, "Anthony W. DePrato"
<wa4jqs@...> wrote:
>
>
> >hi Dave:
>
> I am at work an can not find my notes.

> Thank You Tony for your work on the cap problems and for all your
postings to the list;If you find your notes,please post,I'm sure that
some of us will benefit from them;
Thanks again
73, Neil W1PTX

4452. 10 uf Caps for 850 carrier board

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-03-14 05:23:38 UTC
From: lichfish
Topic: 4452 Message: 4452

I looked at the 10 uf caps on my carrier board and they already have started to leak. I measured the diameter of them to be about 4mm. The only 4mm caps I found in the Mouser catalog were a part number 647-UUD1E100MCL on page 535. The good news is they are only $0.54.
I'm trying to decide if I should remove the board from the radio to do the work or try to do it in place. Is there a trick to remove the ribbon cables from the boards in this radio?

Thanks for any suggestions,
Jim
N7EUF

4453. Carrier Board Caps

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-03-14 14:48:46 UTC
From: waynesmithvo1ta
Topic: 4453 Message: 4453

Had a look at the carrier board caps on my 850 this morning. They all look fine no signs of leakage. Takes about 15 minutes, the longest part is taking out all the screws holding the cover. I plan on keeping an eye on them from time to time. In the meantime I plan to pick up a set of replacement caps.
What would a good replacement be? and where can they be picked up?
Thanks Wayne VO1TA

4454. Re: 10 uf Caps for 850 carrier board

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-03-14 15:52:09 UTC
From: max_ve3tmt
Topic: 4452 Message: 4454

--- In TS-850_450_690@yahoogroups.com, "lichfish" <jsecl@...> wrote:

Is there a trick to remove
the ribbon cables from the boards in this radio?
>
> Thanks for any suggestions,
> Jim
> N7EUF

Jim,

Just wiggle them out slowly from side to side, and put them back in
just as carefully. Make sure the ends are lined up before you start
pushing it in or it may peel the foil connector strips.

Max

4455. 850 caps

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-03-14 16:56:36 UTC
From: Rich Dailey, N8UX.
Topic: 4455 Message: 4455

After several inquiries, I'm *considering* a quantity purchase of
caps required to replace
the ones considered troublesome in the 850. They would be radial
lytics of the correct form factor required for thru hole replacement.

So just a straw poll - How many of you are comfortable doing
this work on your own? How many of you would be receptive to a group
buy of a "kit" to replace these caps? Yes, I do this work for others,
but I think that with the right amount of instruction, and given the
correct components, a lot of you could experience the satisfaction
of melting your own solder and breathing some extended life into
your 850.

If it looks viable, I would put together a capacitor kit with instructions
as detailed as possible. I would supply the labor of writing the instructions,
collating the parts, packaging and labelling for mailing. So the cost would
be just for the parts and postage. I would make this available only to
members of this list, so I would have to figure a way to verify your
membership in this group (suggestions welcome on how to achieve this).

tu de Rich, N8UX.

Rich Dailey, N8UX.
FISTS # 5605, SKCC #1324
The J-36 Census Project - http://tinyurl.com/9y3kq
--... ...--

4456. Re: [TS-850_450_690] 850 caps

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-03-14 17:18:49 UTC
From: Robert Crane
Topic: 4455 Message: 4456

Sign me up please. My other address is RCrane@...
Bob, W8SX

"Rich Dailey, N8UX." <redailey@...> wrote:
After several inquiries, I'm *considering* a quantity purchase of
caps required to replace
the ones considered troublesome in the 850. They would be radial
lytics of the correct form factor required for thru hole replacement.

So just a straw poll - How many of you are comfortable doing
this work on your own? How many of you would be receptive to a group
buy of a "kit" to replace these caps? Yes, I do this work for others,
but I think that with the right amount of instruction, and given the
correct components, a lot of you could experience the satisfaction
of melting your own solder and breathing some extended life into
your 850.

If it looks viable, I would put together a capacitor kit with instructions
as detailed as possible. I would supply the labor of writing the instructions,
collating the parts, packaging and labelling for mailing. So the cost would
be just for the parts and postage. I would make this available only to
members of this list, so I would have to figure a way to verify your
membership in this group (suggestions welcome on how to achieve this).

tu de Rich, N8UX.

Rich Dailey, N8UX.
FISTS # 5605, SKCC #1324
The J-36 Census Project - http://tinyurl.com/9y3kq
--... ...--

THANKS FOR USING TS-850_450_690@...

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---
YAHOO! GROUPS LINKS

Visit your group "TS-850_450_690" on the web.

To unsubscribe from this group, send an email to:
TS-850_450_690-unsubscribe@yahoogroups.com

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Find great deals to the top 10 hottest destinations!

[Non-text portions of this message have been removed]

4457. Re: [TS-850_450_690] 850 caps

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-03-14 17:35:47 UTC
From: Paul Erickson
Topic: 4455 Message: 4457

Hi Rich,

I would be interested in a couple of kits, depending on the price.

cheers, Paul - VA7NT

Rich Dailey, N8UX. wrote:

>After several inquiries, I'm *considering* a quantity purchase of
>caps required to replace
>the ones considered troublesome in the 850. They would be radial
>lytics of the correct form factor required for thru hole replacement.
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>So just a straw poll - How many of you are comfortable doing
>this work on your own? How many of you would be receptive to a group
>buy of a "kit" to replace these caps? Yes, I do this work for others,
>but I think that with the right amount of instruction, and given the
>correct components, a lot of you could experience the satisfaction
>of melting your own solder and breathing some extended life into
>your 850.
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>If it looks viable, I would put together a capacitor kit with instructions
>as detailed as possible. I would supply the labor of writing the instructions,
>collating the parts, packaging and labelling for mailing. So the cost would
>be just for the parts and postage. I would make this available only to
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>membership in this group (suggestions welcome on how to achieve this).
>
>tu de Rich, N8UX.
>
>
>
>Rich Dailey, N8UX.
>FISTS # 5605, SKCC #1324
>The J-36 Census Project - http://tinyurl.com/9y3kq
>--... ...--
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>
>THANKS FOR USING TS-850_450_690@...
>Yahoo! Groups Links
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---
cheers, Paul - VA7NT - email: va7nt@telus.net

"Those who hear not the music, think the dancers mad."

“Tolerance becomes a crime when applied to evil.” - Thomas Mann

"That state which separates it's warriors from it's scholars will have it's thinking done by cowards and fighting done by fools" - Thucydides - The Pelopenisia

4458. Re: 850 caps

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-03-14 17:45:38 UTC
From: waynesmithvo1ta
Topic: 4455 Message: 4458

Hello Rich. Sounds like a great idea to me, You can add my name to the list as well for one set. Thanks Wayne VO1TA
--- In TS-850_450_690@yahoogroups.com, "Rich Dailey, N8UX." <redailey@...> wrote:
>
> After several inquiries, I'm *considering* a quantity purchase of
> caps required to replace
> the ones considered troublesome in the 850. They would be radial
> lytics of the correct form factor required for thru hole replacement.
>
> So just a straw poll - How many of you are comfortable doing
> this work on your own? How many of you would be receptive to a group
> buy of a "kit" to replace these caps? Yes, I do this work for others,
> but I think that with the right amount of instruction, and given the
> correct components, a lot of you could experience the satisfaction
> of melting your own solder and breathing some extended life into
> your 850.
>
> If it looks viable, I would put together a capacitor kit with instructions
> as detailed as possible. I would supply the labor of writing the instructions,
> collating the parts, packaging and labelling for mailing. So the cost would
> be just for the parts and postage. I would make this available only to
> members of this list, so I would have to figure a way to verify your
> membership in this group (suggestions welcome on how to achieve this).
>
> tu de Rich, N8UX.
>
>
>
> Rich Dailey, N8UX.
> FISTS # 5605, SKCC #1324
> The J-36 Census Project - http://tinyurl.com/9y3kq
> --... ...--
>

4459. Re: [TS-850_450_690] Re: 850 caps

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-03-14 19:00:03 UTC
From: Eric
Topic: 4455 Message: 4459

Rich,

Count me in as well.

KR9W,
Eric

waynesmithvo1ta wrote:

>Hello Rich. Sounds like a great idea to me, You can add my name to the
>list as well for one set. Thanks Wayne VO1TA
>--- In TS-850_450_690@yahoogroups.com, "Rich Dailey, N8UX."
><redailey@...> wrote:
>
>
>>After several inquiries, I'm *considering* a quantity purchase of
>>caps required to replace
>>the ones considered troublesome in the 850. They would be radial
>>lytics of the correct form factor required for thru hole replacement.
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>>So just a straw poll - How many of you are comfortable doing
>>this work on your own? How many of you would be receptive to a group
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>instructions
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>>as detailed as possible. I would supply the labor of writing the
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>instructions,
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>>collating the parts, packaging and labelling for mailing. So the cost
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>would
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>>be just for the parts and postage. I would make this available only
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>>members of this list, so I would have to figure a way to verify your
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>>tu de Rich, N8UX.
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>>Rich Dailey, N8UX.
>>FISTS # 5605, SKCC #1324
>>The J-36 Census Project - http://tinyurl.com/9y3kq
>>--... ...--
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>THANKS FOR USING TS-850_450_690@...
>Yahoo! Groups Links
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4460. Re: [TS-850_450_690] 850 caps

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-03-14 17:30:20 UTC
From: Zack Widup
Topic: 4455 Message: 4460

On Tue, 14 Mar 2006, Rich Dailey, N8UX. wrote:

> So just a straw poll - How many of you are comfortable doing
> this work on your own? How many of you would be receptive to a group
> buy of a "kit" to replace these caps? Yes, I do this work for others,
> but I think that with the right amount of instruction, and given the
> correct components, a lot of you could experience the satisfaction
> of melting your own solder and breathing some extended life into
> your 850.
>

I would buy such a kit. I've been considering replacing the caps in my 850 for a while now.

I do a lot more complicated soldering than that. I've become addicted to designing and building SMD circuits. Hopefully my eyesight will remain in good shape for a few more years.

Also, I don't think I own a piece of ham gear that I haven't modified in some way.

73, Zack W9SZ

4461. Re: [TS-850_450_690] 850 caps

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-03-14 19:52:04 UTC
From: Rich Dailey, N8UX.
Topic: 4455 Message: 4461

>I do a lot more complicated soldering than that. I've become addicted to
>designing and building SMD circuits. Hopefully my eyesight will remain in
>good shape for a few more years.

Well, I was told back when I was young and threading broadband
xfrmers 4 inches in front of my nose that my eyesight would change
around age 40 - sure enough....

And my hair is not as dark as it once was - now I wasn't warned
about that.

hi-Rich

Rich Dailey, N8UX.
FISTS # 5605, SKCC #1324
The J-36 Census Project - http://tinyurl.com/9y3kq
--... ...--

4462. Re: 850 caps

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-03-14 20:05:28 UTC
From: max_ve3tmt
Topic: 4455 Message: 4462

Count me in Rich, if you don't mind shipping to Canada.

Max

4463. Re: 850 caps

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-03-14 21:59:17 UTC
From: kb1kox
Topic: 4455 Message: 4463

Count me in Rich
W1PTX

--- In TS-850_450_690@yahoogroups.com, "Rich Dailey, N8UX."
<redailey@...> wrote:
>
>>
> If it looks viable, I would put together a capacitor kit with
instructions
> as detailed as possible. I would supply the labor of writing the
instructions,
> collating the parts, packaging and labelling for mailing. So the
cost would
> be just for the parts and postage. I would make this available
only to
> members of this list, so I would have to figure a way to verify your
> membership in this group (suggestions welcome on how to achieve
this).
>
> tu de Rich, N8UX.
>
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>
> Rich Dailey, N8UX.
> FISTS # 5605, SKCC #1324
> The J-36 Census Project - http://tinyurl.com/9y3kq
> --... ...--
>

4464. 850 cap replacement

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-03-15 00:52:08 UTC
From: john rogers
Topic: 4464 Message: 4464

Please put me on your list for a bag-o-caps Rich.

Thanks for offering! John - W4BA

Yahoo! Mail
Bring photos to life! New PhotoMail makes sharing a breeze.

[Non-text portions of this message have been removed]

4465. Re: [TS-850_450_690] Digest Number 1015

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-03-15 01:00:29 UTC
From: Michael Bell
Topic: 4465 Message: 4465

On 14-Mar-06, at 5:19 PM, TS-850_450_690@yahoogroups.com wrote:

> There are 14 messages in this issue.
>
> Topics in this digest:
>
> 1. Re: Re: Carrier Board tantalum caps in the TS-850
> From: "Anthony W. DePrato" <wa4jqs@...>
> 2. Re: Carrier Board tantalum caps in the TS-850
> From: "kb1kox" <ngoodl1@...>
> 3. 10 uf Caps for 850 carrier board
> From: "lichfish" <jsecl@centurytel.net>
> 4. Carrier Board Caps
> From: "waynesmithvo1ta" <waynesmithvo1ta@...>
> 5. Re: 10 uf Caps for 850 carrier board
> From: "max_ve3tmt" <max_ve3tmt@...>
> 6. 850 caps
> From: "Rich Dailey, N8UX." <redailey@...>
> 7. Re: 850 caps
> From: Robert Crane <robert_l_crane@...>
> 8. Re: 850 caps
> From: Paul Erickson <va7nt@...>
> 9. Re: 850 caps
> From: "waynesmithvo1ta" <waynesmithvo1ta@yahoo.ca>
> 10. Re: Re: 850 caps
> From: Eric <kr9w@charter.net>
> 11. Re: 850 caps
> From: Zack Widup <w9sz@prairienet.org>
> 12. Re: 850 caps
> From: "Rich Dailey, N8UX." <redailey@...>
> 13. Re: 850 caps
> From: "max_ve3tmt" <max_ve3tmt@...>
> 14. Re: 850 caps
> From: "kb1kox" <ngoodl1@...>
>
>
> --
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>
> Message: 1
> Date: Mon, 13 Mar 2006 14:07:06 -0500
> From: "Anthony W. DePrato" <wa4jqs@...>
> Subject: Re: Re: Carrier Board tantalum caps in the TS-850

>
>
>
>> hi Dave:
>>
>
> I am at work an can not find my notes. but last year when i was
> talking
> with my friend at the kenwood service center. he said there were 26
> or so
> of these type caps in the ts 580 on two boards. he told me if they
> were
> not leaking now they would leak before long. they are not designed
> for that
> type of on / off service. the cost of replacing the two boards is
> over 10x
> the cost of replacing the caps. Rich N8UX on this list has a
> service info.
> on this ill try to find my notes and get a correct number. but 10
> on one
> board and a bunch on another sounds about right.
> 73 Tony
>
>
> QBE ZUT DE WA4JQS
>
> ANTHONY W. (Tony) DePrato WA4JQS EXTRA - HEAVY
> Since 1962
> CQ DX HALL OF FAME # 35
> A1-OP FISTS # 10573 SKCC #1227
> South Sandwich Island Dxpedition Group
> CALLS HELD:
> WA4JQS/ZS1, WA4JQS/KC4, WA4JQS/4K1
> ZD8JQS, V31SS,
> VP8BZL, VP8SSI, 3Y0PI
>
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> [Non-text portions of this message have been removed]
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> Message: 2
> Date: Mon, 13 Mar 2006 20:32:40 -0000
> From: "kb1kox" <ngoodl1@...>

> Subject: Re: Carrier Board tantalum caps in the TS-850
>
> --- In TS-850_450_690@yahoogroups.com, "Anthony W. DePrato"
> <wa4jqs@...> wrote:
>
>>
>>
>>
>>> hi Dave:
>>>
>>
>> I am at work an can not find my notes.
>>
>
>
>> Thank You Tony for your work on the cap problems and for all your
>>
> postings to the list;If you find your notes,please post,I'm sure that
> some of us will benefit from them;
> Thanks again
> 73, Neil W1PTX
>
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>
> Message: 3
> Date: Tue, 14 Mar 2006 05:23:38 -0000
> From: "lichfish" <jsecl@...>
> Subject: 10 uf Caps for 850 carrier board
>
> I looked at the 10 uf caps on my carrier board and they already
> have started to leak. I measured the diameter of them to be about
> 4mm. The only 4mm caps I found in the Mouser catalog were a part
> number 647-UUD1E100MCL on page 535. The good news is they are only
> $0.54.
> I'm trying to decide if I should remove the board from the radio
> to do the work or try to do it in place. Is there a trick to remove
> the ribbon cables from the boards in this radio?
>
> Thanks for any suggestions,
> Jim
> N7EUF
>
>

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>
> Message: 4
> Date: Tue, 14 Mar 2006 14:48:46 -0000
> From: "waynesmithvo1ta" <waynesmithvo1ta@...>
> Subject: Carrier Board Caps
>
> Had a look at the carrier board caps on my 850 this morning. They all
> look fine no signs of leakage. Takes about 15 minutes, the longest
> part is taking out all the screws holding the cover. I plan on keeping
> an eye on them from time to time. In the meantime I plan to pick up a
> set of replacement caps.
> What would a good replacement be? and where can they be picked up?
> Thanks Wayne VO1TA
>
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>
> Message: 5
> Date: Tue, 14 Mar 2006 15:52:09 -0000
> From: "max_ve3tmt" <max_ve3tmt@...>
> Subject: Re: 10 uf Caps for 850 carrier board
>
> --- In TS-850_450_690@yahoogroups.com, "lichfish" <jsecl@...> wrote:
>
> Is there a trick to remove
> the ribbon cables from the boards in this radio?
>
>>
>> Thanks for any suggestions,
>> Jim
>> N7EUF
>>
>
>
>
> Jim,

>
> Just wiggle them out slowly from side to side, and put them back in
> just as carefully. Make sure the ends are lined up before you start
> pushing it in or it may peel the foil connector strips.
>
> Max
>
>
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> --
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>
> Message: 6
> Date: Tue, 14 Mar 2006 11:56:36 -0500
> From: "Rich Dailey, N8UX." <redailey@...>
> Subject: 850 caps
>
> After several inquiries, I'm *considering* a quantity purchase of
> caps required to replace
> the ones considered troublesome in the 850. They would be radial
> lytics of the correct form factor required for thru hole replacement.
>
> So just a straw poll - How many of you are comfortable doing
> this work on your own? How many of you would be receptive to a group
> buy of a "kit" to replace these caps? Yes, I do this work for others,
> but I think that with the right amount of instruction, and given the
> correct components, a lot of you could experience the satisfaction
> of melting your own solder and breathing some extended life into
> your 850.
>
> If it looks viable, I would put together a capacitor kit with
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> as detailed as possible. I would supply the labor of writing the
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> collating the parts, packaging and labelling for mailing. So the
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> be just for the parts and postage. I would make this available
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> members of this list, so I would have to figure a way to verify your
> membership in this group (suggestions welcome on how to achieve this).
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> tu de Rich, N8UX.
>
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>

> Rich Dailey, N8UX.
> FISTS # 5605, SKCC #1324
> The J-36 Census Project - http://tinyurl.com/9y3kq
> --... ...--
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>
> Message: 7
> Date: Tue, 14 Mar 2006 09:18:49 -0800 (PST)
> From: Robert Crane <robert_l_crane@...>
> Subject: Re: 850 caps
>
> Sign me up please. My other address is RCrane@...
> Bob, W8SX
>
> "Rich Dailey, N8UX." <redailey@...> wrote:
> After several inquiries, I'm *considering* a quantity purchase of
> caps required to replace
> the ones considered troublesome in the 850. They would be radial
> lytics of the correct form factor required for thru hole replacement.
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> Rich Dailey, N8UX.

> FISTS # 5605, SKCC #1324
> The J-36 Census Project - http://tinyurl.com/9y3kq
> --... ...--
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>
> THANKS FOR USING TS-850_450_690@...
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>
> SPONSORED LINKS
> Ham radio Craft hobby Hobby and craft supply Rules
> of the road
>
> ---------------------------------
> YAHOO! GROUPS LINKS
>
>
> Visit your group "TS-850_450_690" on the web.
>
> To unsubscribe from this group, send an email to:
> TS-850_450_690-unsubscribe@yahoogroups.com
>
> Your use of Yahoo! Groups is subject to the Yahoo! Terms of
> Service.
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> Yahoo! Travel
> Find great deals to the top 10 hottest destinations!
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> [Non-text portions of this message have been removed]
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> Message: 8
> Date: Tue, 14 Mar 2006 09:35:47 -0800
> From: Paul Erickson <va7nt@...>
> Subject: Re: 850 caps

>
> Hi Rich,
>
> I would be interested in a couple of kits, depending on the price.
>
> cheers, Paul - VA7NT
>
> Rich Dailey, N8UX. wrote:
>
>
>> After several inquiries, I'm *considering* a quantity purchase of
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>> --... ...--
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>> THANKS FOR USING TS-850_450_690@...
>> Yahoo! Groups Links
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> ---
> cheers, Paul - VA7NT - email: va7nt@...
>
> "Those who hear not the music, think the dancers mad."
>
> “Tolerance becomes a crime when applied to evil.” - Thomas Mann
>
> "That state which separates it's warriors from it's scholars will
> have it's thinking done by cowards and fighting done by fools" -
> Thucydides - The Pelopenisia
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> Message: 9
> Date: Tue, 14 Mar 2006 17:45:38 -0000
> From: "waynesmithvo1ta" <waynesmithvo1ta@...>
> Subject: Re: 850 caps
>
> Hello Rich. Sounds like a great idea to me, You can add my name to the
> list as well for one set. Thanks Wayne VO1TA
> --- In TS-850_450_690@yahoogroups.com, "Rich Dailey, N8UX."
> <redailey@...> wrote:
>
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>>
>> Rich Dailey, N8UX.
>> FISTS # 5605, SKCC #1324
>> The J-36 Census Project - http://tinyurl.com/9y3kq
>> --... ...--
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> Message: 10
> Date: Tue, 14 Mar 2006 13:00:03 -0600
> From: Eric <kr9w@...>
> Subject: Re: Re: 850 caps
>

> Rich,
>
> Count me in as well.
>
> KR9W,
> Eric
>
> waynesmithvo1ta wrote:
>
>
>> Hello Rich. Sounds like a great idea to me, You can add my name to
>> the
>> list as well for one set. Thanks Wayne VO1TA
>> --- In TS-850_450_690@yahoogroups.com, "Rich Dailey, N8UX."
>> <redailey@...> wrote:
>>
>>
>>
>>> After several inquiries, I'm *considering* a quantity purchase of
>>> caps required to replace
>>> the ones considered troublesome in the 850. They would be radial
>>> lytics of the correct form factor required for thru hole
>>> replacement.
>>>
>>> So just a straw poll - How many of you are comfortable doing
>>> this work on your own? How many of you would be receptive to a
>>> group
>>> buy of a "kit" to replace these caps? Yes, I do this work for
>>> others,
>>> but I think that with the right amount of instruction, and given the
>>> correct components, a lot of you could experience the satisfaction
>>> of melting your own solder and breathing some extended life into
>>> your 850.
>>>
>>> If it looks viable, I would put together a capacitor kit with
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>> instructions
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>>> as detailed as possible. I would supply the labor of writing the
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>> instructions,
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>>> collating the parts, packaging and labelling for mailing. So the
>>> cost
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>> would
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>>> be just for the parts and postage. I would make this available only
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>> to
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>>
>>> members of this list, so I would have to figure a way to verify your
>>> membership in this group (suggestions welcome on how to achieve
>>> this).
>>>
>>> tu de Rich, N8UX.
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>>>
>>> Rich Dailey, N8UX.
>>> FISTS # 5605, SKCC #1324
>>> The J-36 Census Project - http://tinyurl.com/9y3kq
>>> --... ...--
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>> THANKS FOR USING TS-850_450_690@...
>> Yahoo! Groups Links
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> Message: 11
> Date: Tue, 14 Mar 2006 11:30:20 -0600 (CST)
> From: Zack Widup <w9sz@prairienet.org>
> Subject: Re: 850 caps
>
> On Tue, 14 Mar 2006, Rich Dailey, N8UX. wrote:
>
>
>>
>> So just a straw poll - How many of you are comfortable doing
>> this work on your own? How many of you would be receptive to a group
>> buy of a "kit" to replace these caps? Yes, I do this work for others,
>> but I think that with the right amount of instruction, and given the
>> correct components, a lot of you could experience the satisfaction
>> of melting your own solder and breathing some extended life into
>> your 850.
>>
>>
>
> I would buy such a kit. I've been considering replacing the caps
> in my
> 850 for a while now.
>
> I do a lot more complicated soldering than that. I've become
> addicted to
> designing and building SMD circuits. Hopefully my eyesight will
> remain in
> good shape for a few more years.
>
> Also, I don't think I own a piece of ham gear that I haven't
> modified in
> some way.
>
> 73, Zack W9SZ
>
>
>
> --
> --
> --
> --
>

> Message: 12
> Date: Tue, 14 Mar 2006 14:52:04 -0500
> From: "Rich Dailey, N8UX." <redailey@...>
> Subject: Re: 850 caps
>
>
>
>> I do a lot more complicated soldering than that. I've become
>> addicted to
>> designing and building SMD circuits. Hopefully my eyesight will
>> remain in
>> good shape for a few more years.
>>
>
> Well, I was told back when I was young and threading broadband
> xfrmers 4 inches in front of my nose that my eyesight would change
> around age 40 - sure enough....
>
> And my hair is not as dark as it once was - now I wasn't warned
> about that.
>
> hi-Rich
>
>
>
>
> Rich Dailey, N8UX.
> FISTS # 5605, SKCC #1324
> The J-36 Census Project - http://tinyurl.com/9y3kq
> --... ...--
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> Message: 13
> Date: Tue, 14 Mar 2006 20:05:28 -0000
> From: "max_ve3tmt" <max_ve3tmt@yahoo.ca>
> Subject: Re: 850 caps
>
> Count me in Rich, if you don't mind shipping to Canada.
>
> Max
>
>
>
>

>
> --
> --
> --
> --
>
> Message: 14
> Date: Tue, 14 Mar 2006 21:59:17 -0000
> From: "kb1kox" <ngoodl1@...>
> Subject: Re: 850 caps
>
>
> Count me in Rich
> W1PTX
>
>
>
> --- In TS-850_450_690@yahoogroups.com, "Rich Dailey, N8UX."
> <redailey@...> wrote:
>
>>
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>>>
>>>
>> If it looks viable, I would put together a capacitor kit with
>>
> instructions
>
>> as detailed as possible. I would supply the labor of writing the
>>
> instructions,
>
>> collating the parts, packaging and labelling for mailing. So the
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> cost would
>
>> be just for the parts and postage. I would make this available
>>
> only to
>
>> members of this list, so I would have to figure a way to verify your
>> membership in this group (suggestions welcome on how to achieve
>>
> this).
>
>>
>> tu de Rich, N8UX.
>>
>>
>>

>> Rich Dailey, N8UX.
>> FISTS # 5605, SKCC #1324
>> The J-36 Census Project - http://tinyurl.com/9y3kq
>> --... ...--
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> THANKS FOR USING TS-850_450_690@...
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> Yahoo! Groups Links
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4466. Re: [TS-850_450_690] 850 caps

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-03-15 01:27:26 UTC
From: Alan Riley
Topic: 4455 Message: 4466

Please add my name to the list also.

Thanks,
Alan, KD5R

----- Original Message -----
From: Rich Dailey, N8UX.
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, March 14, 2006 10:56 AM
Subject: [TS-850_450_690] 850 caps

After several inquiries, I'm *considering* a quantity purchase of
caps required to replace
the ones considered troublesome in the 850. They would be radial
lytics of the correct form factor required for thru hole replacement.

So just a straw poll - How many of you are comfortable doing
this work on your own? How many of you would be receptive to a group
buy of a "kit" to replace these caps? Yes, I do this work for others,
but I think that with the right amount of instruction, and given the
correct components, a lot of you could experience the satisfaction
of melting your own solder and breathing some extended life into
your 850.

If it looks viable, I would put together a capacitor kit with instructions
as detailed as possible. I would supply the labor of writing the instructions,
collating the parts, packaging and labelling for mailing. So the cost would
be just for the parts and postage. I would make this available only to
members of this list, so I would have to figure a way to verify your
membership in this group (suggestions welcome on how to achieve this).

tu de Rich, N8UX.

Rich Dailey, N8UX.
FISTS # 5605, SKCC #1324
The J-36 Census Project - http://tinyurl.com/9y3kq
--... ...--

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[Non-text portions of this message have been removed]

4467. Re: [TS-850_450_690] 850 caps

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-03-15 01:38:12 UTC
From: Micheal Salem
Topic: 4455 Message: 4467

Rich:

I would also like a kit for my TS-850. Hate to use the reflector to
communicate this, but it would seem to be the easiest way for you to
confirm that I am a member of this group, right?

Micheal SalemN5MS
Norman, Oklahoma

Rich Dailey, N8UX. wrote:

> After several inquiries, I'm *considering* a quantity purchase of
> caps required to replace
> the ones considered troublesome in the 850. They would be radial
> lytics of the correct form factor required for thru hole replacement.
>
> So just a straw poll - How many of you are comfortable doing
> this work on your own? How many of you would be receptive to a group
> buy of a "kit" to replace these caps? Yes, I do this work for others,
> but I think that with the right amount of instruction, and given the
> correct components, a lot of you could experience the satisfaction
> of melting your own solder and breathing some extended life into
> your 850.
>
> If it looks viable, I would put together a capacitor kit with instructions
> as detailed as possible. I would supply the labor of writing the
> instructions,
> collating the parts, packaging and labelling for mailing. So the cost
> would
> be just for the parts and postage. I would make this available only to
> members of this list, so I would have to figure a way to verify your
> membership in this group (suggestions welcome on how to achieve this).
>
> tu de Rich, N8UX.
>
>
>
> Rich Dailey, N8UX.
> FISTS # 5605, SKCC #1324
> The J-36 Census Project - http://tinyurl.com/9y3kq
> --... ...--
>
>
>

[Non-text portions of this message have been removed]

4468. Re: [TS-850_450_690] 850 caps

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-03-15 02:03:48 UTC
From: Bill Maddock
Topic: 4455 Message: 4468

Rich,

I would like 2 kits - I have had some SMD training! Sounds like a
great idea - hopefully this will lead to other kits to improve the durability
of our 850s! Please let me know how much!

Thanks and 73

Bill N4ZI ATOKA, TN

"Rich Dailey, N8UX." <redailey@...> wrote:
After several inquiries, I'm *considering* a quantity purchase of
caps required to replace
the ones considered troublesome in the 850. They would be radial
lytics of the correct form factor required for thru hole replacement.

So just a straw poll - How many of you are comfortable doing
this work on your own? How many of you would be receptive to a group
buy of a "kit" to replace these caps? Yes, I do this work for others,
but I think that with the right amount of instruction, and given the
correct components, a lot of you could experience the satisfaction
of melting your own solder and breathing some extended life into
your 850.

If it looks viable, I would put together a capacitor kit with instructions
as detailed as possible. I would supply the labor of writing the instructions,
collating the parts, packaging and labelling for mailing. So the cost would
be just for the parts and postage. I would make this available only to
members of this list, so I would have to figure a way to verify your
membership in this group (suggestions welcome on how to achieve this).

tu de Rich, N8UX.

Rich Dailey, N8UX.
FISTS # 5605, SKCC #1324
The J-36 Census Project - http://tinyurl.com/9y3kq
--... ...--

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[Non-text portions of this message have been removed]

4469. Re: [TS-850_450_690] 850 caps

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-03-15 03:15:21 UTC
From: Steve Beveridge
Topic: 4455 Message: 4469

Hi Rich,

Yes, definitely interested in a set of caps. Have almost finished a re-build (picked mine up after being written off by insurance company, following lightening surge), so before realigning, this "preventative maintenance" would be invaluable.

While I'm in VK land, I have a Chicago-based friend who regularly visits VK-land, so can organise "local" shipping if it makes life any easier. Can organise payment in US$s this way too.

Guess the only way I can prove my membership of the list is by referring to earlier messages I posted for "Help!" when I started the re-build - early '05 from memory.

Many thanks for the kind offer to run with this - most appreciated.

Cheers
Steve
VK2XWL

If it looks viable, I would put together a capacitor kit with instructions
as detailed as possible. I would supply the labor of writing the instructions,
collating the parts, packaging and labelling for mailing. So the cost would
be just for the parts and postage. I would make this available only to
members of this list, so I would have to figure a way to verify your
membership in this group (suggestions welcome on how to achieve this).

[Non-text portions of this message have been removed]

4470. Re: [TS-850_450_690] 850 caps

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-03-15 03:48:23 UTC
From: Jack
Topic: 4455 Message: 4470

Hi Rich,

I too would be interested in one (1) capacitor kit for my TS-850. Thanks for your efforts.

73,
Jack, N1JLW
jweber@...

4471. Re: 850 caps

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-03-15 05:35:29 UTC
From: lichfish
Topic: 4455 Message: 4471

Rich,
Put me on the list for the cap kit.

Thanks.
Jim
N7EUF

4472. RE: [TS-850_450_690] 850 caps

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-03-15 07:57:26 UTC
From: Erik Bosmans
Topic: 4455 Message: 4472

I would be interested too. Thanks.

73 ON5AI
Erik Bosmans

-----Original Message-----
From: TS-850_450_690@yahoogroups.com
[mailto:TS-850_450_690@yahoogroups.com] On Behalf Of Rich Dailey, N8UX.
Sent: dinsdag 14 maart 2006 17:57
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] 850 caps

After several inquiries, I'm *considering* a quantity purchase of
caps required to replace
the ones considered troublesome in the 850. They would be radial
lytics of the correct form factor required for thru hole replacement.

So just a straw poll - How many of you are comfortable doing
this work on your own? How many of you would be receptive to a group
buy of a "kit" to replace these caps? Yes, I do this work for others,
but I think that with the right amount of instruction, and given the
correct components, a lot of you could experience the satisfaction
of melting your own solder and breathing some extended life into
your 850.

If it looks viable, I would put together a capacitor kit with
instructions
as detailed as possible. I would supply the labor of writing the
instructions,
collating the parts, packaging and labelling for mailing. So the cost
would
be just for the parts and postage. I would make this available only to
members of this list, so I would have to figure a way to verify your
membership in this group (suggestions welcome on how to achieve this).

tu de Rich, N8UX.

Rich Dailey, N8UX.
FISTS # 5605, SKCC #1324
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--... ...--

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4473. Re: [TS-850_450_690] 850 caps

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-03-15 08:04:49 UTC
From: Charles Mortimer
Topic: 4455 Message: 4473

so would i .....chas.....
in australia vk6ycj
now that has opened a can of worms??????????????
----- Original Message -----
From: Erik Bosmans
To: TS-850_450_690@yahoogroups.com
Sent: Wednesday, March 15, 2006 3:57 PM
Subject: RE: [TS-850_450_690] 850 caps

I would be interested too. Thanks.

73 ON5AI
Erik Bosmans

-----Original Message-----
From: TS-850_450_690@yahoogroups.com
[mailto:TS-850_450_690@yahoogroups.com] On Behalf Of Rich Dailey, N8UX.
Sent: dinsdag 14 maart 2006 17:57
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] 850 caps

After several inquiries, I'm *considering* a quantity purchase of
caps required to replace
the ones considered troublesome in the 850. They would be radial
lytics of the correct form factor required for thru hole replacement.

So just a straw poll - How many of you are comfortable doing
this work on your own? How many of you would be receptive to a group
buy of a "kit" to replace these caps? Yes, I do this work for others,
but I think that with the right amount of instruction, and given the
correct components, a lot of you could experience the satisfaction
of melting your own solder and breathing some extended life into
your 850.

If it looks viable, I would put together a capacitor kit with
instructions
as detailed as possible. I would supply the labor of writing the
instructions,
collating the parts, packaging and labelling for mailing. So the cost
would
be just for the parts and postage. I would make this available only to
members of this list, so I would have to figure a way to verify your
membership in this group (suggestions welcome on how to achieve this).

tu de Rich, N8UX.

Rich Dailey, N8UX.
FISTS # 5605, SKCC #1324
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--... ...--

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[Non-text portions of this message have been removed]

4474. Re: [TS-850_450_690] Re: 850 caps

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-03-15 10:52:47 UTC
From: Dan Goodwin
Topic: 4455 Message: 4474

Please include me as well.

thanks,
Dan
VO1MX

--- waynesmithvo1ta <waynesmithvo1ta@...> wrote:

Hello Rich. Sounds like a great idea to me, You can
add my name to the
list as well for one set. Thanks Wayne VO1TA

--- In TS-850_450_690@yahoogroups.com, "Rich Dailey,
N8UX."

>
> tu de Rich, N8UX.
>
>
>
> Rich Dailey, N8UX.
> FISTS # 5605, SKCC #1324
> The J-36 Census Project - http://tinyurl.com/9y3kq
> --... ...--
>

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4475. Digest readers...Note

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-03-15 15:24:57 UTC
From: KD5SFA
Topic: 4475 Message: 4475

For those using digest format please trim out all the
other posts when replying. It is really hard sometimes
to figure out which post you are replying to not to mention
all the other messages in the digest being rebroadcast out
to everyone in the group.

Thank You....

73,
Jon
KD5SFA
Moderator

4476. Re: [TS-850_450_690] 850 caps

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-03-15 19:00:39 UTC
From: Roland
Topic: 4455 Message: 4476

I would be interested in this cap kit also. How about the caps for the display board included? That way you can do both boards and keep the 850 going for years longer.

Thanks for your hard work Rich
73
Roland AH6RR (ah6rr@...)
----- Original Message -----
From: Rich Dailey, N8UX.
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, March 14, 2006 6:56 AM
Subject: [TS-850_450_690] 850 caps

After several inquiries, I'm *considering* a quantity purchase of
caps required to replace
the ones considered troublesome in the 850. They would be radial
lytics of the correct form factor required for thru hole replacement.

So just a straw poll - How many of you are comfortable doing
this work on your own? How many of you would be receptive to a group
buy of a "kit" to replace these caps? Yes, I do this work for others,
but I think that with the right amount of instruction, and given the
correct components, a lot of you could experience the satisfaction
of melting your own solder and breathing some extended life into
your 850.

If it looks viable, I would put together a capacitor kit with instructions
as detailed as possible. I would supply the labor of writing the instructions,
collating the parts, packaging and labelling for mailing. So the cost would
be just for the parts and postage. I would make this available only to
members of this list, so I would have to figure a way to verify your
membership in this group (suggestions welcome on how to achieve this).

tu de Rich, N8UX.

Rich Dailey, N8UX.
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[Non-text portions of this message have been removed]

4478. RE: [TS-850_450_690] 10 uf Caps for 850 carrier board

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-03-15 20:55:14 UTC
From: John A. Ross
Topic: 4452 Message: 4478

Jim

The footprints for the SMT caps on the Kenwood boards are quite generous, you can usually get away with 5mm can size without too much trouble, this allows for a little updating of the working voltage also.

John

> -----Original Message-----
> From: TS-850_450_690@yahoogroups.com
> [mailto:TS-850_450_690@yahoogroups.com] On Behalf Of lichfish
> Sent: Tuesday, March 14, 2006 5:24 AM
> To: TS-850_450_690@yahoogroups.com
> Subject: [TS-850_450_690] 10 uf Caps for 850 carrier board
>
> I looked at the 10 uf caps on my carrier board and they
> already have started to leak. I measured the diameter of them
> to be about 4mm. The only 4mm caps I found in the Mouser
> catalog were a part number 647-UUD1E100MCL on page 535. The
> good news is they are only $0.54.
> I'm trying to decide if I should remove the board from the
> radio to do the work or try to do it in place. Is there a
> trick to remove the ribbon cables from the boards in this radio?
>
> Thanks for any suggestions,
> Jim
> N7EUF
>
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> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
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4479. RE: [TS-850_450_690] 10 uf Caps for 850 carrier board

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-03-15 21:17:08 UTC
From: John A. Ross
Topic: 4452 Message: 4479

> -----Original Message-----
> From: TS-850_450_690@yahoogroups.com
> [mailto:TS-850_450_690@yahoogroups.com] On Behalf Of lichfish
> Sent: Tuesday, March 14, 2006 5:24 AM
> To: TS-850_450_690@yahoogroups.com
> Subject: [TS-850_450_690] 10 uf Caps for 850 carrier board
>
> I looked at the 10 uf caps on my carrier board and they
> already have started to leak. I measured the diameter of them
> to be about 4mm. The only 4mm caps I found in the Mouser
> catalog were a part number 647-UUD1E100MCL on page 535. The
> good news is they are only $0.54.
> I'm trying to decide if I should remove the board from the
> radio to do the work or try to do it in place. Is there a
> trick to remove the ribbon cables from the boards in this radio?
>
> Thanks for any suggestions,

Jim

$0.54, that's steep. I would have expected the cost to be at least 1/2 of that.

I think I seen some replies to a post that some-one was thinking of putting a kit together for the caps. I missed the original post for some reason.

For the Chip Electrolytics it would be possible to also use standard radial types as well, these normally have an exit pitch on the botom or 2 or 2.5mm depending on the can size, so a short crop of the leads and a couple of bends to form a T shape and they would fit onto the pads fine, might be easier than SMT soldering. Radials will certainly be cheaper than those parts from Mouser.

I probably have plenty of surplus radials I could donate (except postage) to anyone looking to put a kit together as long as they did not turn round and charge for them.

The SMT caps I can definitely get for less than $0.25 USD each for sure.
http://www.nichicon.com/english/seihin/pdfs/e-ut.pdf 10U/35V
But they come in lots of 2,000 pcs on 1 reel, but in the big way of things that's 40 people taking 50 caps each

I would not mind helping out with sourcing these chip capacitors, we keep them in stock at work anyway, but I would need to check postage rates from the UK which might be expensive.

All best

John

> N7EUF
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> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
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4480. the day everything changed...

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-03-15 21:29:48 UTC
From: Paul Manuel
Topic: 4452 Message: 4480

I am glad that I sold my 850 a couple of months ago before hearing about the cap problem!

Back then, the "DC/DC" board resistors were the only inevitable issue. Henceforth we are in the category of the ICOM PLL-trimmer problems. No one will give much for an 850 from now on unless these caps have been changed. Potential buyers will begin asking. Auction listings will mention the issue.

History is being made right before our eyes.
73,
Paul K4PDM

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4482. Re: the day everything changed...

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-03-15 21:47:24 UTC
From: max_ve3tmt
Topic: 4452 Message: 4482

--- In TS-850_450_690@yahoogroups.com, Paul Manuel <k4pdm@...> wrote:

No one will give much for an 850 from now on unless these caps have
been changed. Potential buyers will begin asking. Auction listings
will mention the issue.

Paul,

As an owner of four 850's at one time or another I would have to
disagree with your statement. The 850's have always sold for less than
what they are really worth. I've owned many newer DSP equipped radios
that can't hold a candle to the 850 for signal and receive quality. As
for the cap replacement, it is a very easy fix to perform and one
thing I have always liked about the 850 is just how easy it is too get
at things when they do need replacing. Try taking an FT900 apart to
mod the tuner!!! That was nail biting. I don't think the cap problem
will decrease the value of the 850 one bit. Look at the problems Yaesu
had with the FT9000. Have you seen their resale value lately?

Max

4483. Re: [TS-850_450_690] Re: the day everything changed...

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-03-15 21:54:51 UTC
From: Paul Manuel
Topic: 4452 Message: 4483

--- max_ve3tmt <max_ve3tmt@...> wrote:
> That was nail biting. I don't think the cap problem
> will decrease the value of the 850 one bit. Look at the problems Yaesu
> had with the FT9000. Have you seen thier resale value lately?

Hi Max,
I love the 850 just as you do. It pained me greatly to sell mine. But I know how hams like to jump on a bandwagon about these things. I do hope you are right!
73,
Paul K4PDM

_____
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4484. Re: [TS-850_450_690] Digest readers...Note

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-03-16 02:12:54 UTC
From: Tom Osborne
Topic: 4475 Message: 4484

But we do need the gist of the post. If someone posts "me too", with nothing else in the posting, we have no idea what he is responding to if none of the posting is there. 73
Tom W7WHY

>
> For those using digest format please trim out all the
> other posts when replying. It is really hard sometimes
> to figure out which post you are replying to not to mention
> all the other messages in the digest being rebroadcast out
> to everyone in the group.
>
> Thank You....
>
> 73,
> Jon
> KD5SFA
> Moderator
>
>
>
>
> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
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4485. Re: the day everything changed...

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-03-16 02:55:51 UTC
From: Dave
Topic: 4452 Message: 4485

I bought my '850 from ebay a few years ago. The seller said, right in
the listing, that the DC-DC board had been replaced once, but was a
few years old, so may need to be changed soon, and he also said that
the DDS chips were original, and that he had, thus far, changed only
one of the tantalum caps.

This isn't new history, it's just a reminder!

Dave W8NF

--- In TS-850_450_690@yahoogroups.com, Paul Manuel <k4pdm@...> wrote:
>
>
>
> I am glad that I sold my 850 a couple of months ago before hearing about
> the cap problem!
>
> Back then, the "DC/DC" board resistors were the only inevitable issue.
> Henceforth we are in the category of the ICOM PLL-trimmer problems.
No one
> will give much for an 850 from now on unless these caps have been
changed.
> Potential buyers will begin asking. Auction listings will mention the
> issue.
>
> History is being made right before our eyes.
> 73,
> Paul K4PDM
>
> ____
> Do You Yahoo!?
> Tired of spam? Yahoo! Mail has the best spam protection around
> http://mail.yahoo.com
>

4486. Re: Digest readers...Note

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-03-16 12:01:21 UTC
From: max_ve3tmt
Topic: 4475 Message: 4486

--- In TS-850_450_690@yahoogroups.com, "Tom Osborne" <w7why@...> wrote:
>
> But we do need the gist of the post. If someone posts "me too", with
> nothing else in the posting, we have no idea what he is responding
to if
> none of the posting is there. 73
> Tom W7WHY

Tom,

I think what Jon is trying to say is we are getting some posts that
are including the text from the previous 4 or 5 posts in the same
thread. If you want to quote the text you are replying to that is
fine, but if readers are following the thread then they have probably
read all the "extra" anyway. I have also posted messages in the past
on the same subject.

Max VE3TMT

4487. Re: 850 caps

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-03-16 15:55:05 UTC
From: taephono
Topic: 4455 Message: 4487

Hi Rich,
Put me down for 2 kits of these caps.
I assume the 690 also has these caps?

73,
Clint
WS1V
--- In TS-850_450_690@yahoogroups.com, "Rich Dailey, N8UX."
<redailey@...> wrote:
>
> After several inquiries, I'm *considering* a quantity purchase of
> caps required to replace
> the ones considered troublesome in the 850. They would be radial
> lytics of the correct form factor required for thru hole
replacement.
>
> So just a straw poll - How many of you are comfortable doing
> this work on your own? How many of you would be receptive to a
group
> buy of a "kit" to replace these caps? Yes, I do this work for
others,
> but I think that with the right amount of instruction, and given the
> correct components, a lot of you could experience the satisfaction
> of melting your own solder and breathing some extended life into
> your 850.
>
> If it looks viable, I would put together a capacitor kit with
instructions
> as detailed as possible. I would supply the labor of writing the
instructions,
> collating the parts, packaging and labelling for mailing. So the
cost would
> be just for the parts and postage. I would make this available
only to
> members of this list, so I would have to figure a way to verify your
> membership in this group (suggestions welcome on how to achieve
this).
>
> tu de Rich, N8UX.
>
>
>
> Rich Dailey, N8UX.
> FISTS # 5605, SKCC #1324
> The J-36 Census Project - http://tinyurl.com/9y3kq

> --... ...--
>

4488. Re: 850 caps

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-03-16 17:18:24 UTC
From: jozef benoit
Topic: 4455 Message: 4488

Hi Rich,
Please add me to your 'capacitors kit' list.
73 de on5ao,
joe
--- In TS-850_450_690@yahoogroups.com, "Rich Dailey, N8UX."
<redailey@...> wrote:
>
> After several inquiries, I'm *considering* a quantity purchase of
> caps required to replace
> the ones considered troublesome in the 850. They would be radial
> lytics of the correct form factor required for thru hole
replacement.
>
> So just a straw poll - How many of you are comfortable doing
> this work on your own? How many of you would be receptive to a
group
> buy of a "kit" to replace these caps? Yes, I do this work for
others,
> but I think that with the right amount of instruction, and given the
> correct components, a lot of you could experience the satisfaction
> of melting your own solder and breathing some extended life into
> your 850.
>
> If it looks viable, I would put together a capacitor kit with
instructions
> as detailed as possible. I would supply the labor of writing the
instructions,
> collating the parts, packaging and labelling for mailing. So the
cost would
> be just for the parts and postage. I would make this available
only to
> members of this list, so I would have to figure a way to verify your
> membership in this group (suggestions welcome on how to achieve
this).
>
> tu de Rich, N8UX.
>
>
>
> Rich Dailey, N8UX.
> FISTS # 5605, SKCC #1324
> The J-36 Census Project - http://tinyurl.com/9y3kq
> --... ...--
>

4489. Re: 850 caps

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-03-17 16:17:47 UTC
From: Richard Ferch
Topic: 4455 Message: 4489

Hi Rich,

Please put me down for a set as well.

Thanks,
Rich VE3IAY

--- In TS-850_450_690@yahoogroups.com, "Rich Dailey, N8UX."
<redailey@...> wrote:
>
> After several inquiries, I'm *considering* a quantity purchase of
> caps required to replace
> the ones considered troublesome in the 850. They would be radial
> lytics of the correct form factor required for thru hole
replacement.
>
> So just a straw poll - How many of you are comfortable doing
> this work on your own? How many of you would be receptive to a
group
> buy of a "kit" to replace these caps? Yes, I do this work for
others,
> but I think that with the right amount of instruction, and given the
> correct components, a lot of you could experience the satisfaction
> of melting your own solder and breathing some extended life into
> your 850.
>
> If it looks viable, I would put together a capacitor kit with
instructions
> as detailed as possible. I would supply the labor of writing the
instructions,
> collating the parts, packaging and labelling for mailing. So the
cost would
> be just for the parts and postage. I would make this available
only to
> members of this list, so I would have to figure a way to verify your
> membership in this group (suggestions welcome on how to achieve
this).
>
> tu de Rich, N8UX.
>
>
>
> Rich Dailey, N8UX.
> FISTS # 5605, SKCC #1324
> The J-36 Census Project - http://tinyurl.com/9y3kq
> --... ...--

>

4490. Re: 850 caps

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-03-17 21:58:25 UTC
From: ac742a
Topic: 4455 Message: 4490

Thanks Rich for doing this. Yes, I am very interested in a kit.

Greg/VE3YTZ

--- In TS-850_450_690@yahoogroups.com, "Rich Dailey, N8UX."
<redailey@...> wrote:
>
> After several inquiries, I'm *considering* a quantity purchase of
> caps required to replace
> the ones considered troublesome in the 850. They would be radial
> lytics of the correct form factor required for thru hole replacement.
>
> So just a straw poll - How many of you are comfortable doing
> this work on your own? How many of you would be receptive to a group
> buy of a "kit" to replace these caps? Yes, I do this work for others,
> but I think that with the right amount of instruction, and given the
> correct components, a lot of you could experience the satisfaction
> of melting your own solder and breathing some extended life into
> your 850.
>
> If it looks viable, I would put together a capacitor kit with
instructions
> as detailed as possible. I would supply the labor of writing the
instructions,
> collating the parts, packaging and labelling for mailing. So the
cost would
> be just for the parts and postage. I would make this available only to
> members of this list, so I would have to figure a way to verify your
> membership in this group (suggestions welcome on how to achieve this).
>
> tu de Rich, N8UX.
>
>
>
> Rich Dailey, N8UX.
> FISTS # 5605, SKCC #1324
> The J-36 Census Project - http://tinyurl.com/9y3kq
> --... ...--
>

4491. 850 cap ...

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-03-18 03:53:23 UTC
From: wb8fai
Topic: 4491 Message: 4491

Hi Rich,
Please put me down for an 850 cap kit also. Thanks.
Charlie wb8fai

4492. Re: [TS-850_450_690] 850 cap ...

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-03-18 03:57:11 UTC
From: Tom Osborne
Topic: 4491 Message: 4492

I was considering buying a '850. Sure glad now I didn't :-)

Tom W7WHY

> Hi Rich,
> Please put me down for an 850 cap kit also. Thanks.
> Charlie wb8fai
>
>
>
>
>
> THANKS FOR USING TS-850_450_690@...
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4493. Re: [TS-850_450_690] 850 cap ...

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-03-18 04:10:09 UTC
From: Jack
Topic: 4491 Message: 4493

Hi Tom,

Sorry you feel that way about the TS-850 and what doesn't amount to more
than a minor problem in those rigs. Everyone that I have known that has had
an 850 pretty much echoes the same sentiments about how great they are.
Don't let a little electrolytic capacitor r&r keep you away!
There's always room in my shack for another 850, no matter what kind of
shape it's in...

73,
Jack, N1JLW

4494. Re: [TS-850_450_690] Re: 850 caps

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-03-18 13:49:24 UTC
From: Frank Heffner
Topic: 4455 Message: 4494

Hi Rich.

Very nice of you. Please sign me up. Thank you.

Best 73, Frank
WI2R/DL1RW/OE7RWI

ac742a <ac742@...> wrote:
Thanks Rich for doing this. Yes, I am very interested in a kit.

Greg/VE3YTZ

--- In TS-850_450_690@yahoogroups.com, "Rich Dailey, N8UX."
<redailey@...> wrote:
>
> After several inquiries, I'm *considering* a quantity purchase of
> caps required to replace
> the ones considered troublesome in the 850. They would be radial
> lytics of the correct form factor required for thru hole replacement.
>
> So just a straw poll - How many of you are comfortable doing
> this work on your own? How many of you would be receptive to a group
> buy of a "kit" to replace these caps? Yes, I do this work for others,
> but I think that with the right amount of instruction, and given the
> correct components, a lot of you could experience the satisfaction
> of melting your own solder and breathing some extended life into
> your 850.
>
> If it looks viable, I would put together a capacitor kit with
instructions
> as detailed as possible. I would supply the labor of writing the
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> collating the parts, packaging and labelling for mailing. So the
cost would
> be just for the parts and postage. I would make this available only to
> members of this list, so I would have to figure a way to verify your
> membership in this group (suggestions welcome on how to achieve this).
>
> tu de Rich, N8UX.
>
>
>
> Rich Dailey, N8UX.
> FISTS # 5605, SKCC #1324
> The J-36 Census Project - http://tinyurl.com/9y3kq
> --... ...--

>

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[Non-text portions of this message have been removed]

4495. Re: [TS-850_450_690] Re: 850 caps

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-03-18 14:26:25 UTC
From: johnnygm7lsi@aol.com
Topic: 4455 Message: 4495

Hi Rich,

I`ll put my name down for a set too, just let me know the cost.

Many Thanks, Johnny,
GM7LSI,

>
> After several inquiries, I'm *considering* a quantity purchase of
> caps required to replace
> the ones considered troublesome in the 850. They would be radial
> lytics of the correct form factor required for thru hole replacement.
>
> So just a straw poll - How many of you are comfortable doing
> this work on your own? How many of you would be receptive to a group
> buy of a "kit" to replace these caps? Yes, I do this work for others,
> but I think that with the right amount of instruction, and given the
> correct components, a lot of you could experience the satisfaction
> of melting your own solder and breathing some extended life into
> your 850.
>
> If it looks viable, I would put together a capacitor kit with
instructions
> as detailed as possible. I would supply the labor of writing the
instructions,
> collating the parts, packaging and labelling for mailing. So the
cost would
> be just for the parts and postage. I would make this available only to
> members of this list, so I would have to figure a way to verify your
> membership in this group (suggestions welcome on how to achieve this).
>
> tu de Rich, N8UX.
>
>
>
> Rich Dailey, N8UX.
> FISTS # 5605, SKCC #1324
> The J-36 Census Project - http://tinyurl.com/9y3kq
> --... ...--
>

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4496. RE: [TS-850_450_690] Re: 850 caps

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-03-18 16:55:16 UTC
From: Steve Gehring
Topic: 4455 Message: 4496

Sign me up, too.

Steve, NL7W

Palmer, AK

-----Original Message-----
From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of Frank Heffner
Sent: Saturday, March 18, 2006 4:49 AM
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] Re: 850 caps

Hi Rich.

Very nice of you. Please sign me up. Thank you.

Best 73, Frank
WI2R/DL1RW/OE7RWI

ac742a <ac742@...> wrote:
Thanks Rich for doing this. Yes, I am very interested in a kit.

Greg/VE3YTZ

--- In TS-850_450_690@yahoogroups.com, "Rich Dailey, N8UX."
<redailey@...> wrote:
>
> After several inquiries, I'm *considering* a quantity purchase of
> caps required to replace
> the ones considered troublesome in the 850. They would be radial
> lytics of the correct form factor required for thru hole replacement.
>
> So just a straw poll - How many of you are comfortable doing
> this work on your own? How many of you would be receptive to a group
> buy of a "kit" to replace these caps? Yes, I do this work for others,
> but I think that with the right amount of instruction, and given the
> correct components, a lot of you could experience the satisfaction
> of melting your own solder and breathing some extended life into
> your 850.
>
> If it looks viable, I would put together a capacitor kit with
instructions
> as detailed as possible. I would supply the labor of writing the
instructions,
> collating the parts, packaging and labelling for mailing. So the
cost would

> be just for the parts and postage. I would make this available only to
> members of this list, so I would have to figure a way to verify your
> membership in this group (suggestions welcome on how to achieve this).
>
> tu de Rich, N8UX.
>
>
>
> Rich Dailey, N8UX.
> FISTS # 5605, SKCC #1324
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> --... ...--
>

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3=Hobby+and+craft+supply&w4=Rules+of+the+road&c=4&s=83&.sig=yoVbTQtG6YaR6NJU
yKpXvA"Ham radio

HYPERLINK
"http://groups.yahoo.com/gads?t=ms&k=Craft+hobby&w1=Ham+radio&w2=Craft+hobby
&w3=Hobby+and+craft+supply&w4=Rules+of+the+road&c=4&s=83&.sig=htBHoHvXnYfz2K
GpW1Rf1g"Craft hobby

HYPERLINK
"http://groups.yahoo.com/gads?t=ms&k=Hobby+and+craft+supply&w1=Ham+radio&w2=
Craft+hobby&w3=Hobby+and+craft+supply&w4=Rules+of+the+road&c=4&s=83&.sig=qby
noBgYr6SAUdiOpBo5Kw"Hobby and craft supply

HYPERLINK
"http://groups.yahoo.com/gads?t=ms&k=Rules+of+the+road&w1=Ham+radio&w2=Craft
+hobby&w3=Hobby+and+craft+supply&w4=Rules+of+the+road&c=4&s=83&.sig=EzShZuvW
lHa4KASEZZWJBA"Rules of the road

_____

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_____

--
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Checked by AVG Free Edition.
Version: 7.1.385 / Virus Database: 268.2.5/284 - Release Date: 3/17/2006

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No virus found in this outgoing message.
Checked by AVG Free Edition.
Version: 7.1.385 / Virus Database: 268.2.5/284 - Release Date: 3/17/2006

[Non-text portions of this message have been removed]

4497. Cap Kit update

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-03-18 17:25:18 UTC
From: Rich Dailey, N8UX.
Topic: 4497 Message: 4497

Looks like there's quite the interest in a capacitor kit.
I'll give it a few more days, then I'll figure an order, and rough idea
of cost for K, VE, and dx.

Rich, N8UX.

Rich Dailey, N8UX.
FISTS # 5605, SKCC #1324
The J-36 Census Project - http://tinyurl.com/9y3kq
--... ...--

4498. Re: [TS-850_450_690] Cap Kit update

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-03-18 19:00:33 UTC
From: Paul
Topic: 4497 Message: 4498

I'd like one too...

Paul - K2BK

Rich Dailey, N8UX. wrote:

> Looks like there's quite the interest in a capacitor kit.
> I'll give it a few more days, then I'll figure an order, and rough idea
> of cost for K, VE, and dx.
>
> Rich, N8UX.
>
>
>
> Rich Dailey, N8UX.
> FISTS # 5605, SKCC #1324
> The J-36 Census Project - http://tinyurl.com/9y3kq
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> Craft hobby
> <http://groups.yahoo.com/gads?t=ms&k=Craft+hobby&w1=Ham+radio&w2=Craft+hobby&w3=Hobby+and+craft+supply&w4=Rules+of+the+road&c=4&s=83&.sig=htBHoHvXnYfz2KGpW1Rf1g>
> Hobby and craft supply
> <http://groups.yahoo.com/gads?t=ms&k=Hobby+and+craft+supply&w1=Ham+radio&w2=Craft+hobby&w3=Hobby+and+craft+supply&w4=Rules+of+the+road&c=4&s=83&.sig=qbynoBgYr6SAUdiOpBo5Kw>
>
> Rules of the road
> <http://groups.yahoo.com/gads?t=ms&k=Rules+of+the+road&w1=Ham+radio&w2=Craft+hobby&w3=Hobby+and+craft+supply&w4=Rules+of+the+road&c=4&s=83&.sig=EzShZuvWlHa4KASEZZWJBA>
>
>
>
> --
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>
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> Service <http://docs.yahoo.com/info/terms/>.
>
>
> --
>

4499. sign me up for 2 kits please

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-03-18 19:21:55 UTC
From: rvmixalot
Topic: 4497 Message: 4499

Rich,

Please sign me up for 2 kits....please and thanks
rick
ve7cjq/ve6cq

Rich Dailey, N8UX. wrote:
>
> > Looks like there's quite the interest in a capacitor kit.
> > I'll give it a few more days, then I'll figure an order, and
rough idea
> > of cost for K, VE, and dx.
> >
> > Rich, N8UX.
> >
> >
> >
> > Rich Dailey, N8UX.
> > FISTS # 5605, SKCC #1324
> > The J-36 Census Project - http://tinyurl.com/9y3kq
> > --... ...--
> >
> >

4500. Re: the day everything changed...

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-03-19 23:32:07 UTC
From: Clif
Topic: 4452 Message: 4500

--- In TS-850_450_690@yahoogroups.com, Paul Manuel <k4pdm@...> wrote:
>
>
>
> I am glad that I sold my 850 a couple of months ago before hearing about
> the cap problem!
>
> Back then, the "DC/DC" board resistors were the only inevitable issue.
> Henceforth we are in the category of the ICOM PLL-trimmer problems.
No one
> will give much for an 850 from now on unless these caps have been
changed.
> Potential buyers will begin asking. Auction listings will mention the
> issue.
>
> History is being made right before our eyes.
> 73,
> Paul K4PDM
>

Not really. Not all of them fail. The same cap (mfg) is used in
Yaesu's and Icoms. They fail there too. What are you going to do,
avoid all radios with SM caps???

Clif

4501. Why Do You Enjoy and Value Your TS-850S? Comparison to Today's Latest.

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-03-20 02:31:03 UTC
From: Steve Gehring
Topic: 4501 Message: 4501

Hello All,

Is it just me, or is the TS-850S one of the best radios of all time? This is a rhetorical question. With a full complement of INRAD filters installed, my 850S has a fantastic, ?crunch proof? receiver. I am curious it others here have compared it to the better offerings as of late, such as the Orion II and Pro II and Pro III as examples.

Thanks for the responses regarding recent radio offerings and the venerable 850.

Regards,

Steve ? NL7W

Palmer, AK

--
No virus found in this outgoing message.
Checked by AVG Free Edition.
Version: 7.1.385 / Virus Database: 268.2.5/284 - Release Date: 3/17/2006

[Non-text portions of this message have been removed]

4502. Re: [TS-850_450_690] Why Do You Enjoy and Value Your TS-850S? Comparison to Today's Latest.

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-03-20 02:45:26 UTC
From: Lane Giard
Topic: 4501 Message: 4502

Dont know about the orion but the Pro2-3 are much better. It really is not a far compairison as there is 20 years of tech difference in them. Im not saying anything bad about the 850. It is a great radio but not next to a ultra modern high end radio.
Lane, N7ZXP

----- Original Message -----
From: "Steve Gehring" <steveg@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Sunday, March 19, 2006 6:31 PM
Subject: [TS-850_450_690] Why Do You Enjoy and Value Your TS-850S? Comparison to Today's Latest.

Hello All,

Is it just me, or is the TS-850S one of the best radios of all time? This is a rhetorical question. With a full complement of INRAD filters installed, my 850S has a fantastic, "crunch proof" receiver. I am curious it others here have compared it to the better offerings as of late, such as the Orion II and Pro II and Pro III as examples.

Thanks for the responses regarding recent radio offerings and the venerable 850.

Regards,

Steve - NL7W

Palmer, AK

--
No virus found in this outgoing message.
Checked by AVG Free Edition.
Version: 7.1.385 / Virus Database: 268.2.5/284 - Release Date: 3/17/2006

[Non-text portions of this message have been removed]

THANKS FOR USING TS-850_450_690@...
Yahoo! Groups Links

4503. Re: Why Do You Enjoy and Value Your TS-850S? Comparison to Today's Latest.

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-03-20 03:50:19 UTC
From: Dave
Topic: 4501 Message: 4503

Until the Orion came along, the top honors for crunch-proof front-ends were the TS-850, IC-765, FT-1000D and Elecraft K2. Yaesu's second-generation FT-1000 Mk IV failed to measure up by about 15dB. The Icom IC-756ProIII fits with the later Yaesu, not the earlier one.

The DSP rigs have much more flexible IF filtering. If you're trying to squeeze out that one lone CW signal from a relatively empty band, or if you're trying to ragchew on SSB and get rid of just the exact amount of off-frequency QRM, then DSP can't be beat. However, Icom has never been able to lick a phase noise problem that's plagued them from the IC-735 days.

I've been able to plant two TS-850s on the same band, on Field Day, and use them succssfully. I have not been able to do that with IC-756ProIII's due to both the phase noise issue, and front end overload. The ProIII is a great rig in many respects, but it was not really designed for quite this level of front-end torture. The "lowly" K2 from Elecraft, however, does it fine, but the K2's IF filtering is even less flexible than the '850.

The top notch multi-multi contest stations have to use radios that survive best in harsh RF environments. To date, the '850, FT-1000D and K2 appear to be the rigs of choice. The 1000 MkIV is seeing some usage in these stations, as is the FT-920. The Orion is very quickly finding its way onto those operating desks; the IC-7800 more slowly, partially due to price. The Ten-Tec Omni has also been a popular radio for multi-multi stations; Ten-Tec arguably has the vexing phase noise issue handled better than anybody.

Topband is another harsh environment; on that band, for many years, the rig of choice was the '850, but the FT-1000D has surpassed it, due to the DSP enhancements. The ProIII never gained a foothold in that community, due to the inferior front end, despite the great IF DSP. The K2 and Orion are gaining ground on topband as well, and there are lots of Omnis on 160.

Intriguingly, some 30% of the respondents to the last poll about "what's the best topband receiver" replied, "Drake R-4C with Sherwood modifications". Hmmmm...

So, it depends on what you want. If you're into contesting, the '850 is hard to beat, and its only real competitor, at its price, is the IC-765. If you never use high-gain antennas and/or never have to pull a weak signal out from the midst of a strong pile-up, then you might prefer to sacrifice the ultimate front-end in favor of the more

flexible IF filtering afforded by IF DSP. If you want both a
bullet-proof front end AND top notch IF DSP, then the Orion and the
new FT-9000 are the only games in town, with the IC-7800 trailing a
bit, sacrificing some front-end solidness in exchange for "Tokyo by
night" dazzle.

73,

Dave W8NF

--- In TS-850_450_690@yahoogroups.com, "Steve Gehring" <steveg@...> wrote:
>
> Hello All,
>
>
>
> Is it just me, or is the TS-850S one of the best radios of all time?
This
> is a rhetorical question. With a full complement of INRAD filters
> installed, my 850S has a fantastic, "crunch proof" receiver. I am
curious
> it others here have compared it to the better offerings as of late,
such as
> the Orion II and Pro II and Pro III as examples.
>
>
>
> Thanks for the responses regarding recent radio offerings and the
venerable
> 850.
>
>
>
> Regards,
>
>
>
> Steve ☐ NL7W
>
> Palmer, AK
>
>
>
>
> --
> No virus found in this outgoing message.
> Checked by AVG Free Edition.
> Version: 7.1.385 / Virus Database: 268.2.5/284 - Release Date: 3/17/2006
>
>

>
> [Non-text portions of this message have been removed]
>

4504. Re: [TS-850_450_690] Re: the day everything changed...

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-03-20 14:17:21 UTC
From: Paul Manuel
Topic: 4452 Message: 4504

--- Clif <clif@...> wrote:
>> Not really. Not all of them fail. The same cap (mfg) is used in
> Yaesu's and Icoms. They fail there too. What are you going to do,
> avoid all radios with SM caps???

No, I would not worry about it. I am talking about hams in general. The fact that so many folks on this list seem so concerned about it made me feel as I indicated in the message. I had a bad feeling about the trend I was seeing. That's all.

73,
Paul K4PDM

_____
Do You Yahoo!?
Tired of spam? Yahoo! Mail has the best spam protection around
http://mail.yahoo.com

4505. Re: [TS-850_450_690] Re: the day everything changed...

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-03-20 15:15:19 UTC
From: Zack Widup
Topic: 4452 Message: 4505

On Mon, 20 Mar 2006, Paul Manuel wrote:

>
>
> --- Clif <clif@...> wrote:
> >> Not really. Not all of them fail. The same cap (mfg) is used in
> > > Yaesu's and Icoms. They fail there too. What are you going to do,
> > > avoid all radios with SM caps???
>
> No, I would not worry about it. I am talking about hams in general. The
> fact that so many folks on this list seem so concerned about it made me
> feel as I indicated in the message. I had a bad feeling about the trend I
> was seeing. That's all.
>
> 73,
> Paul K4PDM
>

Preventive maintenance is good. My TS-850 has been doing fine for several years now and it's the best radio I've owned personally, so I want it to keep on running.

It took me almost two weeks in my "spare time" to swap out all the bad parts in my TS-440S ruined by that contact cement they use on the VCO board. I'd rather not have to go through a similar ordeal with the TS-850. (I'm glad they didn't use that cement in the 850!)

When I worked in an electronics repair shop, it was a common occurrence to have to replace capacitors that were rated just slightly above the voltages placed on them, for the sake of saving a few pennies on each capacitor. (I know, if you're making thousands of units, that cost adds up ...) The things were always shorting out. DC-DC converters were particularly susceptible. Someone even made an aftermarket kit with all the parts needed to replace the failing converter in RCA VCR's. The capacitors supplied in the kit were rated at about twice the voltage of the originals.

In my own designs I tend to go with "overkill" on the rated voltages of capacitors. I haven't had a failure yet in one of my homebrew projects.

73, Zack W9SZ

4506. Re: Cap Kit update

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-03-20 15:23:16 UTC
From: dagivens
Topic: 4497 Message: 4506

Rich,

Please add me to the list for a 850 Cap Kit. I appreciate you doing
this, thanks

--- In TS-850_450_690@yahoogroups.com, "Rich Dailey, N8UX."
<redailey@...> wrote:
>
> Looks like there's quite the interest in a capacitor kit.
> I'll give it a few more days, then I'll figure an order, and rough
idea
> of cost for K, VE, and dx.
>
> Rich, N8UX.
>
>
>
> Rich Dailey, N8UX.
> FISTS # 5605, SKCC #1324
> The J-36 Census Project - http://tinyurl.com/9y3kq
> --... ...--
>

4507. Re: Why Do You Enjoy and Value Your TS-850S? Comparison to Today's Latest.

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-03-20 15:24:06 UTC
From: max_ve3tmt
Topic: 4501 Message: 4507

I haven't had the luxury of owning any of the newer high end radios although I did play with an FT1000D the day Albania came back on the air. Snagged ZA1A on the first call! I have however had the pleasure of owning a large variation of the "middle of the road" rigs and have always come back to the 850. I'm now on my fourth and it won't be leaving the shack any time soon. Why do I like it? My reasons are as follows, and not in any particular order...

1. No need to access menus for regular operating
2. The front panel layout is "da bomb"
3. The receiver, enough said
4. The transmit audio, enough said
5. Ease to repair if need be, everything easy to get at
6. IF slope tuning
7. True RF monitor, not just a tap off the mic amp
8. True FSK
9. An antenna tuner that really works, and works fast!
10. The radio just looks cool.

Anyone else?

4508. TS-850 : Problem power and modulation, please help me ...

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-03-20 16:46:30 UTC
From: Allan
Topic: 4508 Message: 4508

Hi all,

When my 850 is in good temperature, I press to ptt microphone and talk, the power go up to 100 watts, down to 30-50 watts and go up again softly to 100 watts and the modulation is comprehensible but bad.
When it's cold it doesn't like to have this problem ...

I see this problem in sstv too.

Is someone have already this problem ?

Please help me, many thanks

Regards

Allan - France -

_____
Nouveau : t?l?phonez moins cher avec Yahoo! Messenger ! D?couvez les tarifs exceptionnels pour appeler la France et l'international.
T?l?chargez sur http://fr.messenger.yahoo.com

4509. TS-450 & narrow SSB filter

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-03-20 17:36:12 UTC
From: ea2bsn
Topic: 4509 Message: 4509

Hello!

I have installed a narrow SSB filter in my TS-450. The filter is the YK-88SN-1 1.8 KHz for 8.83 MHz IF.

The problem is that when I activate the filter I have to use the IF SHIFT knob in order to get a decent audio. If I do not turn the IF SHIFT (always a quarter) the received audio sound as shifted.

Is it a problem with the filter or do I need some kind of alignment?.

Thanks for your support.

73

4510. Re: [TS-850_450_690] TS-450 & narrow SSB filter

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-03-20 18:36:19 UTC
From: Lane Giard
Topic: 4509 Message: 4510

This is normal as 1.8 is a little narrow for SSB. Turning the IF helps compensate for this. Mine works the same way.

Lane, N7ZXP
----- Original Message -----
From: "ea2bsn" <ea2bsn@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Monday, March 20, 2006 9:36 AM
Subject: [TS-850_450_690] TS-450 & narrow SSB filter

> Hello!
>
> I have installed a narrow SSB filter in my TS-450. The filter is the YK-
> 88SN-1 1.8 KHz for 8.83 MHz IF.
>
> The problem is that when I activate the filter I have to use the IF
> SHIFT knob in order to get a decent audio. If I do not turn the IF SHIFT
> (always a quarter) the received audio sound as shifted.
>
> Is it a problem with the filter or do I need some kind of alignment?.
>
> Thanks for your support.
>
> 73
>
>
>
>
>
> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
>
>
>
>
>
>

4512. Re: TS-850 : Problem power and modulation, please help me ...

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-03-20 20:07:32 UTC
From: Dave
Topic: 4508 Message: 4512

Is the ALC indication going very high when the power drops? If so,
this is an indcation of the "famous" DC-DC converter problem, also
known as the "ALC problem". Documentation here:

http://n6tr.jzap.com/850repair.html

Look down the page for "Common problems on the 850 and possible
cures". It's the first problem listed.

Dave W8NF

(apologies to those who received an earlier version of this reply,
without the URL)

--- In TS-850_450_690@yahoogroups.com, "Allan" <f14at259@...> wrote:
>
>
> Hi all,
>
> When my 850 is in good temperature, I press to ptt microphone and
talk, the
> power go up to 100 watts, down to 30-50 watts and go up again softly
to 100
> watts and the modulation is comprehensible but bad.
> When it's cold it doesn't like to have this problem ...
>
> I see this problem in sstv too.
>
> Is someone have already this problem ?
>
> Please help me, many thanks
>
> Regards
>
> Allan - France -
>
>
>
>
>
>
>
>

> Nouveau : téléphonez moins cher avec Yahoo! Messenger ! Découvez les
tarifs exceptionnels pour appeler la France et l'international.

> Téléchargez sur http://fr.messenger.yahoo.com
>

4513. Re: [TS-850_450_690] TS-450 & narrow SSB filter

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-03-20 19:06:30 UTC
From: Kevin Berlen
Topic: 4509 Message: 4513

I have the 1.8 Khz SSB filter also, and do not need to adjust the IF shift
for mormal sounding audio.
I would look at the alignment. 73,

Kevin, K9HX

At 01:36 PM 3/20/2006, you wrote:
>This is normal as 1.8 is a little narrow for SSB. Turning the IF helps
>compensate for this. Mine works the same way.
>
>Lane, N7ZXP
>----- Original Message -----
>From: "ea2bsn" <ea2bsn@...>
>To: <TS-850_450_690@yahoogroups.com>
>Sent: Monday, March 20, 2006 9:36 AM
>Subject: [TS-850_450_690] TS-450 & narrow SSB filter
>
>
> > Hello!
> >
> > I have installed a narrow SSB filter in my TS-450. The filter is the YK-
> > 88SN-1 1.8 KHz for 8.83 MHz IF.
> >
> > The problem is that when I activate the filter I have to use the IF
> > SHIFT knob in order to get a decent audio. If I do not turn the IF SHIFT
> > (always a quarter) the received audio sound as shifted.
> >
> > Is it a problem with the filter or do I need some kind of alignment?.
> >
> > Thanks for your support.
> >
> > 73
> >
> >
> >
> >
> >
> > THANKS FOR USING TS-850_450_690@...
> > Yahoo! Groups Links
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>
>THANKS FOR USING TS-850_450_690@...
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>
>SPONSORED LINKS
><http://groups.yahoo.com/gads?t=ms&k=Ham+radio&w1=Ham+radio&w2=Craft+hobby&w3=Hobby+and+craft+supply&w4=Rules+of+the+road&c=4&s=83&.sig=yoVbTQtG6YaR6NJUyKpXvA>Ham
>radio
><http://groups.yahoo.com/gads?t=ms&k=Craft+hobby&w1=Ham+radio&w2=Craft+hobby&w3=Hobby+and+craft+supply&w4=Rules+of+the+road&c=4&s=83&.sig=htBHoHvXnYfz2KGpW1Rf1g>Craft
>hobby
><http://groups.yahoo.com/gads?t=ms&k=Hobby+and+craft+supply&w1=Ham+radio&w2=Craft+hobby&w3=Hobby+and+craft+supply&w4=Rules+of+the+road&c=4&s=83&.sig=qbynoBgYr6SAUdiOpBo5Kw>Hobby
>and craft supply
><http://groups.yahoo.com/gads?t=ms&k=Rules+of+the+road&w1=Ham+radio&w2=Craft+hobby&w3=Hobby+and+craft+supply&w4=Rules+of+the+road&c=4&s=83&.sig=EzShZuvWlHa4KASEZZWJBA>Rules
>of the road
>
>
>----------
>YAHOO! GROUPS LINKS
>
> * Visit your group
> "<http://groups.yahoo.com/group/TS-850_450_690>TS-850_450_690" on the web.
> *
> * To unsubscribe from this group, send an email to:
> *
> <mailto:TS-850_450_690-unsubscribe@yahoogroups.com?subject=Unsubscribe>TS-850_450_690-unsubscribe@yahoogroups.com
>
> *
> * Your use of Yahoo! Groups is subject to the
> <http://docs.yahoo.com/info/terms/>Yahoo! Terms of Service.
>
>
>----------

4514. Re: [TS-850_450_690] TS-450 & narrow SSB filter

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-03-20 20:28:04 UTC
From: Zack Widup
Topic: 4509 Message: 4514

On Mon, 20 Mar 2006, Kevin Berlen wrote:

> I have the 1.8 Khz SSB filter also, and do not need to adjust the IF shift
> for mormal sounding audio.
> I would look at the alignment. 73,
>
> Kevin, K9HX
>

Is there an internal alignment adjustment for the IF Shift? My service manual doesn't seem to make that very clear, and there are a few pots on the circuit boards that aren't listed as to their functions.

Zack W9SZ

4515. RE: [TS-850_450_690] Re: TS-850 : Problem power and modulation, please help me ...

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-03-20 20:49:25 UTC
From: Allan
Topic: 4508 Message: 4515

Hi Dave,

Many thanks for your quickly reply.

Yes the ALC indication going to the maximum when the power drops to about 50 watts. After the power go up softly to 100 watts and the ALC indication go down to the normal . But the modulation is a little bad and sometimes any qrm in the SP-31...

Many thanks for the nice link, tomorrow I will buy transistors : two BC547 , one BC557 and two diodes 1N4148 (see the mod here http://www.qsl.net/k0bx/TS-850ALC2.htm)

I hope that fix the problem.

A big thanks,

Regards

Allan - France -

> -----Message d'origine-----
> De : TS-850_450_690@yahoogroups.com
> [mailto:TS-850_450_690@yahoogroups.com] De la part de Dave
> Envoyé : lundi 20 mars 2006 21:08
> À : TS-850_450_690@yahoogroups.com
> Objet : [TS-850_450_690] Re: TS-850 : Problem power and
> modulation, please help me ...
>
> Is the ALC indication going very high when the power drops?
> If so, this is an indcation of the "famous" DC-DC converter
> problem, also known as the "ALC problem". Documentation here:
>
> http://n6tr.jzap.com/850repair.html
>
> Look down the page for "Common problems on the 850 and
> possible cures". It's the first problem listed.
>
> Dave W8NF
>
> (apologies to those who received an earlier version of this
> reply, without the URL)
>
>
> --- In TS-850_450_690@yahoogroups.com, "Allan" <f14at259@...> wrote:

> >
> >
> > Hi all,
> >
> > When my 850 is in good temperature, I press to ptt microphone and
> talk, the
> > power go up to 100 watts, down to 30-50 watts and go up again softly
> to 100
> > watts and the modulation is comprehensible but bad.
> > When it's cold it doesn't like to have this problem ...
> >
> > I see this problem in sstv too.
> >
> > Is someone have already this problem ?
> >
> > Please help me, many thanks
> >
> > Regards
> >
> > Allan - France -
> >
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>
> > Nouveau : téléphonez moins cher avec Yahoo! Messenger ! Découvez les
> tarifs exceptionnels pour appeler la France et l'international.
> > Téléchargez sur http://fr.messenger.yahoo.com
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> THANKS FOR USING TS-850_450_690@... Yahoo! Groups Links
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Nouveau : téléphonez moins cher avec Yahoo! Messenger ! Découvez les tarifs exceptionnels

pour appeler la France et l'international.
Téléchargez sur http://fr.messenger.yahoo.com

4517. 850 Cap Kit

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-03-20 15:13:22 UTC
From: dagivens
Topic: 4517 Message: 4517

Rich,

Please add me to the list for a kit of 850 caps. I appreciate you doing this, thanks.

4518. Re: TS-850 : Problem power and modulation, please help me ...

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-03-20 17:13:46 UTC
From: max_ve3tmt
Topic: 4508 Message: 4518

--- In TS-850_450_690@yahoogroups.com, "Allan" <f14at259@...> wrote:
>
>
> Hi all,
>
> When my 850 is in good temperature, I press to ptt microphone and
talk, the
> power go up to 100 watts, down to 30-50 watts and go up again softly
to 100
> watts and the modulation is comprehensible but bad.
> When it's cold it doesn't like to have this problem ...
>
> I see this problem in sstv too.
>
> Is someone have already this problem ?

Sounds like the infamous DC-DC board issue. As quoted on another site:

ALC voltage problem (from NB1B): The problem manifested itself as varying power output; if you close the key and watch the power meter, it will go from zero to full output and then back to zero output on about a 5 second cycle. What is happening is easy to see by using an external wattmeter and putting the 850 meter on ALC; the ALC goes from zero to max as the power goes from max to zero. This was explained to me by the guy that diagnosed and fixed the problem. The circuit that is bad is one that has resistors, transistors, and capacitors all on a multi-legged component. It is a multivibrator that develops a voltage that is then rectified and amplified and is used as the ALC voltage.

Something goes bad and it causes a very slow oscillation, and the ALC voltage swings from zero to max and back again, causing the power to oscillate in step. I don't know how much the part cost, but the guy spent 8 hours on the radio (not a Kenwood Factory Rep) before he could figure out what was going on. Since then, I have seen probably a dozen postings from hams that have had the identical problem that have sought an explanation for it.

Also, K0BX reports the same problem: The DC-DC board X59-1100-00 fails and causes the power output to go up and down. First time I had Kenwood replace it for a total cost of $150.00. This past December I replaced it my self for a cost of about $14.00 with shipping. I have a detailed description on how to do this repair on my webpage and then go to TS850S ALC/TX PROBLEM.

And this from K2UT: One of my 850s had the DC-DC board replaced about 18 months ago after experiencing the usual problem: output power

oscillating back and forth. Had it repaired and the rig was working great. Then, about 4 months ago, a new
problem appeared. I had a couple DC-DC boards on-hand for repairs, but this didn't seem to fit the usual pattern.

When the rig was on for a while but not transmitting, the first SSB transmission would peg the ALC meter for a couple seconds with no output. It would then drift back down to a normal level, and output power would rise. Transmitting
again within 10 seconds would work fine; no ALC problem. After about 15 seconds, the cycle would repeat.

I called Kenwood and suggested the DC-DC board, but the repair tech didn't think it could be the problem. Rig went back to Kenwood for repair. The problem? The f***ing DC-DC board! $135 and six weeks spent when I could
have repaired it myself.

4519. Replacement capacitor kit...

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-03-21 03:34:24 UTC
From: Dan Janda
Topic: 4519 Message: 4519

Rich,

You'll find me in the members list. Seldom post anything,
but appreciate the support I get from reading the mail.

I have an 850 that has been sitting on my desktop for 12
or 13 years. Thus, I'd like insurance in the form of a
capacitor kit.

I also have a TS-790. Might I need more of these capacitors?
If so, then two kits, please.

Regards, Dan
AA3LS
birchardvilleobservatory at yahoo dot com
http://www.geocities.com/birchardvilleobservatory

4520. Re: [TS-850_450_690] 850 Cap Kit

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-03-22 12:22:17 UTC
From: Bill Hodgson
Topic: 4517 Message: 4520

Rich,

I am also the proud owner of a TS-850. Would you please include me on the 850 cap kit order?

I appreciate all the help you offer to this group.
73
Bill
W1WRH

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---

radioman42001@...

Relax. Yahoo! Mail virus scanning helps detect nasty viruses!

[Non-text portions of this message have been removed]

4521. Re:TS-690S using VFO A & B for split?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-03-22 22:43:07 UTC
From: Paul N. Gayet AA1SU
Topic: 4370 Message: 4521

Clint WS1V,
Sorry, just read your 02/22 reply to my 02/22 post. Thanks for the link to the DXLab suite of programs . I think I'll have fun checking out the programs!

I plan to use N1MM this weekend for WPX SSB. I was hoping to figure out how to record my voice for each number and letter to use in the call sign and exchange fields, but have not figured it out just yet. I figure it would keep the peace better in the house :-). Oh well, I have F1 & F4 loaded, so that's a good start.

73
Paul N. Gayet AA1SU
ARRL Vermont Section Manager
AA1SU@...
FISTS #4028
Please visit
http://www.arrl.org/sections/?sect=VT
for the latest in ARRL Vermont Section News

PS Great prefix BTW !

[Non-text portions of this message have been removed]

4522. Re: 850 Cap Kit

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-03-23 02:13:51 UTC
From: syawalthahir
Topic: 4517 Message: 4522

Please also include me on Caps kit order.

73' Syawal

--- In TS-850_450_690@yahoogroups.com, Bill Hodgson
<radioman42001@...> wrote:
>
> Rich,
>
> I am also the proud owner of a TS-850. Would you please include
me on the 850 cap kit order?
>
> I appreciate all the help you offer to this group.
> 73
> Bill
> W1WRH
>
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>
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> ---
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>
> radioman42001@...
>
> ---
> Relax. Yahoo! Mail virus scanning helps detect nasty viruses!
>
> [Non-text portions of this message have been removed]
>

4523. TS-850 Front Panel Replacement

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-03-24 04:40:25 UTC
From: alamar_r
Topic: 4523 Message: 4523

Has anyone in the group ever replaced the front panel on their TS-850? Some years back, a certain SIL of mine accidently sprayed some WD-40 on the front of my TS-850/PS-52 while my XYL & I were on vacation. It left some rather ugly spots, especially on the PS-52. I ordered replacement front panels from Pacific Coast Parts after discovering the spots were permanent. I replaced the PS-52 panel years ago but have put off replacement of the TS-850 panel. If anyone has any words of wisdom for me before I dive in, I would appreciate hearing them.

Thanks,
Alan, KDS5R

4524. Re: TS-850 Front Panel Replacement

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-03-24 12:20:30 UTC
From: max_ve3tmt
Topic: 4523 Message: 4524

--- In TS-850_450_690@yahoogroups.com, "alamar_r" <arr44@...> wrote:
>
> Has anyone in the group ever replaced the front panel on their TS-850?
> Some years back, a certain SIL of mine accidently sprayed some WD-40
> on the front of my TS-850/PS-52 while my XYL & I were on vacation. It
> left some rather ugly spots, especially on the PS-52. I ordered
> replacement front panels from Pacific Coast Parts after discovering the
> spots were permanent. I replaced the PS-52 panel years ago but have
> put off replacement of the TS-850 panel. If anyone has any words of
> wisdom for me before I dive in, I would appreciate hearing them.
>
> Thanks,
> Alan, KDS5R
>

Alan,

I have done it twice. It really isn't hard to do as long as you take your time. I bought the one on my radio now used as I was told by East Coast Transistor they are no longer making them and there were none to be found except on the used market. Post an add on QTH.com. I did and received an e-mail a day later from a fellow parting out an 850. The panel looks almost new. I kept the display glass off my old one just in case.

Swapping the panel is easy. Stand the radio up on a floor or tabletop with the front panel facing up. You have to remove the covers, then the four screws that hold the panel in place. On the top and bottom of the panel are two little plastic snaps that lock it in place. You have to gently lift them one at time and wiggle the panel up towards you. Obviously you have to remove the knobs and VFO knob. Now would be a good time to soak them in dish soap and water and give them a good cleaning.

The panel may or may not come with the buttons attached. Kenwood sold them both ways. All of the buttons in the "filter" section and under the "FUNCTION" area are attached to the panel with a foam wafer between them. If this foam gets torn the buttons will fall out from the panel if you turn the radio upside down. After the knobs are off and the little tabs pulled up, simply pull the panel off towards you in an upward direction. By standing the radio up, hopefully all the little buttons that are attached to the front chasis will stay in place. When you put the new panel back on, make sure all the switches and buttons line up with their respective holes. Use a toothpick to center them as you slowly push the new panel back on. In fact it takes more time removing all the screws than it does swapping panels.

Good luck,

Max VE3TMT

4525. Re: [TS-850_450_690] Re: TS-850 Front Panel Replacement

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-03-24 16:24:15 UTC
From: Alan Riley
Topic: 4523 Message: 4525

Thanks for the info, Max! That's exactly what I needed to know.
My replacement panel came without the buttons - I probably
should have ordered it with them but I didn't realize the buttons
were secured with the foam at the time I ordered it. I'm going
to print out your excellent instructions and put them with my
TS-850 manual.

Thanks again,
Alan, KD5R

----- Original Message -----
From: max_ve3tmt
To: TS-850_450_690@yahoogroups.com
Sent: Friday, March 24, 2006 6:20 AM
Subject: [TS-850_450_690] Re: TS-850 Front Panel Replacement

--- In TS-850_450_690@yahoogroups.com, "alamar_r" <arr44@...> wrote:
>
> Has anyone in the group ever replaced the front panel on their TS-850?
> Some years back, a certain SIL of mine accidently sprayed some WD-40
> on the front of my TS-850/PS-52 while my XYL & I were on vacation. It
> left some rather ugly spots, especially on the PS-52. I ordered
> replacement front panels from Pacific Coast Parts after discovering the
> spots were permanent. I replaced the PS-52 panel years ago but have
> put off replacement of the TS-850 panel. If anyone has any words of
> wisdom for me before I dive in, I would appreciate hearing them.
>
> Thanks,
> Alan, KDS5R
>

Alan,

I have done it twice. It really isn't hard to do as long as you take
your time. I bought the one on my radio now used as I was told by East
Coast Transistor they are no longer making them and there were none to
be found except on the used market. Post an add on QTH.com. I did and
received an e-mail a day later from a fellow parting out an 850. The
panel looks almost new. I kept the display glass off my old one just
in case.

Swapping the panel is easy. Stand the radio up on a floor or tabletop
with the front panel facing up. You have to remove the covers, then
the four screws that hold the panel in place. On the top and bottom of
the panel are two little plastic snaps that lock it in place. You have
to gently lift them one at time and wiggle the panel up towards you.

Obviously you have to remove the knobs and VFO knob. Now would be a good time to soak them in dish soap and water and give them a good cleaning.

The panel may or may not come with the buttons attached. Kenwood sold them both ways. All of the buttons in the "filter" section and under the "FUNCTION" area are attached to the panel with a foam wafer between them. If this foam gets torn the buttons will fall out from the panel if you turn the radio upside down. After the knobs are off and the little tabs pulled up, simply pull the panel off towards you in an upward direction. By standing the radio up, hopefully all the little buttons that are attached to the front chasis will stay in place. When you put the new panel back on, make sure all the switches and buttons line up with their respective holes. Use a toothpick to center them as you slowly push the new panel back on. In fact it takes more time removing all the screws than it does swapping panels.

Good luck,

Max VE3TMT

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[Non-text portions of this message have been removed]

4526. Re: TS-850 Front Panel Replacement

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-03-24 16:47:37 UTC
From: max_ve3tmt
Topic: 4523 Message: 4526

--- In TS-850_450_690@yahoogroups.com, "Alan Riley" <arr44@...> wrote:
>
> Thanks for the info, Max! That's exactly what I needed to know.
> My replacement panel came without the buttons - I probably
> should have ordered it with them but I didn't realize the buttons
> were secured with the foam at the time I ordered it. I'm going
> to print out your excellent instructions and put them with my
> TS-850 manual.
>
> Thanks again,
> Alan, KD5R

Alan,

If you damage the foam pieces that hold the buttons in they are
available fairly cheaply from the Kenwood suppliers.

Max

4527. RE: [TS-850_450_690] Replacement capacitor kit...

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-03-24 17:21:31 UTC
From: JamesMNelson
Topic: 4519 Message: 4527

All,

I have noticed that several of the problems with the TS-850s that have
been discussed here on the reflector also apply to the TS-690s.

I have two (2) TS-690s and my questions are; should I be concerned with the
same capacitor and DC-DC Converter problems that the TS-850 has and if so
should I be proactive in replacing these parts. I know that this question
had been asked about the cap problem a couple of times with no responses,
and I am wondering if the DC-DC problem could be/become an issue also. One
other question. I know that this is NOT a TS-790 reflector, but I have two
(2) TS-790s, one working and one on the bench recovering from lighting.
These TS-790s are about the same age as my TS-690s are, and I am wondering,
as Dan is, whether are not this could become an issue with these radios
also. I know that these were rhetorical questions, but I have not seen any
replies yet, even after several posts by others.

james//

-----Original Message-----
From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of Dan Janda
Sent: Monday, March 20, 2006 9:34 PM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] Replacement capacitor kit...

Rich,

You'll find me in the members list. Seldom post anything,
but appreciate the support I get from reading the mail.

I have an 850 that has been sitting on my desktop for 12
or 13 years. Thus, I'd like insurance in the form of a
capacitor kit.

I also have a TS-790. Might I need more of these capacitors?
If so, then two kits, please.

Regards, Dan
AA3LS
birchardvilleobservatory at yahoo dot com
http://www.geocities.com/birchardvilleobservatory

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<http://groups.yahoo.com/gads?t=ms&k=Rules+of+the+road&w1=Ham+radio&w2=Craft+hobby&w3=Hobby+and+craft+supply&w4=Rules+of+the+road&c=4&s=83&.sig=EzShZuvWlHa4KASEZZWJBA> of the road

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[Non-text portions of this message have been removed]

4528. Re: [TS-850_450_690] Re: TS-850 Front Panel Replacement

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-03-24 16:43:23 UTC
From: Zack Widup
Topic: 4523 Message: 4528

Maybe Max's e-mail should be posted with the group's Files section?
That's a great summary of how to replace the front panel.

73, Zack W9SZ

On Fri, 24 Mar 2006, max_ve3tmt wrote:

>
> Alan,
>
> I have done it twice. It really isn't hard to do as long as you take
> your time.
[snip]

4529. Re: [TS-850_450_690] Re: TS-850 Front Panel Replacement

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-03-24 18:50:01 UTC
From: Alan Riley
Topic: 4523 Message: 4529

Thank you again. Max, for your help. And I agree with Zack, W9SZ, that it would be great if your instructions could be posted to the Files section.

73,
Alan, KD5R

----- Original Message -----
From: max_ve3tmt
To: TS-850_450_690@yahoogroups.com
Sent: Friday, March 24, 2006 10:47 AM
Subject: [TS-850_450_690] Re: TS-850 Front Panel Replacement

--- In TS-850_450_690@yahoogroups.com, "Alan Riley" <arr44@...> wrote:
>
> Thanks for the info, Max! That's exactly what I needed to know.
> My replacement panel came without the buttons - I probably
> should have ordered it with them but I didn't realize the buttons
> were secured with the foam at the time I ordered it. I'm going
> to print out your excellent instructions and put them with my
> TS-850 manual.
>
> Thanks again,
> Alan, KD5R

Alan,

If you damage the foam pieces that hold the buttons in they are available fairly cheaply from the Kenwood suppliers.

Max

>Maybe Max's e-mail should be posted with the group's Files section?
>That's a great summary of how to replace the front panel.

>73, Zack W9SZ

[Non-text portions of this message have been removed]

4531. New file uploaded to TS-850_450_690

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-03-24 21:58:58 UTC
From: TS-850_450_690@yahoogroups.com
Topic: 421 Message: 4531

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the TS-850_450_690
group.

File : /REPAIRS AND HOW-TOS/TS-850 Panel Removal.doc
Uploaded by : max_ve3tmt <max_ve3tmt@...>
Description : Replacing the panel on your TS-850S

You can access this file at the URL:
http://groups.yahoo.com/group/TS-850_450_690/files/REPAIRS%20AND%20HOW-TOS/TS-850%20Panel%20Removal.doc

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/help/us/groups/files

Regards,

max_ve3tmt <max_ve3tmt@...>

4532. Re: [TS-850_450_690] Re: TS-850 Front Panel Replacement

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-03-25 00:51:55 UTC
From: Charles Mortimer
Topic: 4523 Message: 4532

hi Allen
I have a spare front panel with buttons if you are interested
for the ts850s if you are interested
vk6ycj Australia
----- Original Message -----
From: Alan Riley
To: TS-850_450_690@yahoogroups.com
Sent: Saturday, March 25, 2006 12:24 AM
Subject: Re: [TS-850_450_690] Re: TS-850 Front Panel Replacement

Thanks for the info, Max! That's exactly what I needed to know.
My replacement panel came without the buttons - I probably
should have ordered it with them but I didn't realize the buttons
were secured with the foam at the time I ordered it. I'm going
to print out your excellent instructions and put them with my
TS-850 manual.

Thanks again,
Alan, KD5R

----- Original Message -----
From: max_ve3tmt
To: TS-850_450_690@yahoogroups.com
Sent: Friday, March 24, 2006 6:20 AM
Subject: [TS-850_450_690] Re: TS-850 Front Panel Replacement

--- In TS-850_450_690@yahoogroups.com, "alamar_r" <arr44@...> wrote:
>
> Has anyone in the group ever replaced the front panel on their TS-850?
> Some years back, a certain SIL of mine accidently sprayed some WD-40
> on the front of my TS-850/PS-52 while my XYL & I were on vacation. It
> left some rather ugly spots, especially on the PS-52. I ordered
> replacement front panels from Pacific Coast Parts after discovering the
> spots were permanent. I replaced the PS-52 panel years ago but have
> put off replacement of the TS-850 panel. If anyone has any words of
> wisdom for me before I dive in, I would appreciate hearing them.
>
> Thanks,
> Alan, KDS5R
>

Alan,

I have done it twice. It really isn't hard to do as long as you take
your time. I bought the one on my radio now used as I was told by East
Coast Transistor they are no longer making them and there were none to

be found except on the used market. Post an add on QTH.com. I did and received an e-mail a day later from a fellow parting out an 850. The panel looks almost new. I kept the display glass off my old one just in case.

Swapping the panel is easy. Stand the radio up on a floor or tabletop with the front panel facing up. You have to remove the covers, then the four screws that hold the panel in place. On the top and bottom of the panel are two little plastic snaps that lock it in place. You have to gently lift them one at time and wiggle the panel up towards you. Obviously you have to remove the knobs and VFO knob. Now would be a good time to soak them in dish soap and water and give them a good cleaning.

The panel may or may not come with the buttons attached. Kenwood sold them both ways. All of the buttons in the "filter" section and under the "FUNCTION" area are attached to the panel with a foam wafer between them. If this foam gets torn the buttons will fall out from the panel if you turn the radio upside down. After the knobs are off and the little tabs pulled up, simply pull the panel off towards you in an upward direction. By standing the radio up, hopefully all the little buttons that are attached to the front chasis will stay in place. When you put the new panel back on, make sure all the switches and buttons line up with their respective holes. Use a toothpick to center them as you slowly push the new panel back on. In fact it takes more time removing all the screws than it does swapping panels.

Good luck,

Max VE3TMT

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[Non-text portions of this message have been removed]

4533. Re: [TS-850_450_690] Re: TS-850 Front Panel Replacement

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-03-25 01:16:43 UTC
From: Alan Riley
Topic: 4523 Message: 4533

Thanks for the offer from VK land, Charles. I think I will try the
one I already have first but if I run into any difficulty, I may get
back with you about the one you have.

Thanks & 73,
Alan, KD5R

----- Original Message -----
From: Charles Mortimer
To: TS-850_450_690@yahoogroups.com
Sent: Friday, March 24, 2006 6:51 PM
Subject: Re: [TS-850_450_690] Re: TS-850 Front Panel Replacement

hi Allen
I have a spare front panel with buttons if you are interested
for the ts850s if you are interested
vk6ycj Australia
----- Original Message -----
From: Alan Riley
To: TS-850_450_690@yahoogroups.com
Sent: Saturday, March 25, 2006 12:24 AM
Subject: Re: [TS-850_450_690] Re: TS-850 Front Panel Replacement

Thanks for the info, Max! That's exactly what I needed to know.
My replacement panel came without the buttons - I probably
should have ordered it with them but I didn't realize the buttons
were secured with the foam at the time I ordered it. I'm going
to print out your excellent instructions and put them with my
TS-850 manual.

Thanks again,
Alan, KD5R

----- Original Message -----
From: max_ve3tmt
To: TS-850_450_690@yahoogroups.com
Sent: Friday, March 24, 2006 6:20 AM
Subject: [TS-850_450_690] Re: TS-850 Front Panel Replacement

--- In TS-850_450_690@yahoogroups.com, "alamar_r" <arr44@...> wrote:
>
> Has anyone in the group ever replaced the front panel on their TS-850?
> Some years back, a certain SIL of mine accidently sprayed some WD-40
> on the front of my TS-850/PS-52 while my XYL & I were on vacation. It
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> replacement front panels from Pacific Coast Parts after discovering the
> spots were permanent. I replaced the PS-52 panel years ago but have

> put off replacement of the TS-850 panel. If anyone has any words of
> wisdom for me before I dive in, I would appreciate hearing them.
>
> Thanks,
> Alan, KDS5R
>

Alan,

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Good luck,

Max VE3TMT

THANKS FOR USING TS-850_450_690@...

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[Non-text portions of this message have been removed]

4534. 850 Low Receive

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-03-25 03:50:39 UTC
From: ah6rr1
Topic: 4534 Message: 4534

Well I did it. I had my amp on today and it made a loud pop and it killed the receiver on the 850. A normal s9+20 signal is now a s2 ouch! I am not the most technically inclined but looking at the D16 lighting protection diode it had a faint white line on the antenna side and I get a reading of 49.9K ohms across it. Is this normal? or could this be the problem? Can I jump across it to see if the receive comes up? Or should I send it off for repair? any help will do.

Thanks
Roland AH6RR

4535. 850 Carrier Board Caps

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-03-25 15:15:21 UTC
From: Daniel
Topic: 4535 Message: 4535

Hi Everyone,

I know I know, this topic has been done already, and I looked back through the messages and couldnt find exactly what I wanted. What is a good name brand of caps to use for replacement, and what is a good source of those caps?? I promise I'll pay close attention to the posts.

Thanks and 73,
Daniel N9WX

4536. Re: 850 Low Receive

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-03-25 15:43:08 UTC
From: ah6rr1
Topic: 4534 Message: 4536

I looked at past messages and found the what to look for. I clipped one end off of d16 and the receive came back to normal. I have one on order. I had a tube blow in the amp and that caused a surge in the coax. No to find why the tube failed. Thank God that the GI-7B tubes are cheap.

73
Roland
P.S. Thanks Bill your hint for another post led me to clip the diode insted of putting a jumper.

4537. Re: [TS-850_450_690] Re: TS-850 Front Panel Replacement

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-03-26 12:03:04 UTC
From: Charles Mortimer
Topic: 4523 Message: 4537

hi Alan
you are welcome anytime
Charles
----- Original Message -----
From: Alan Riley
To: TS-850_450_690@yahoogroups.com
Sent: Saturday, March 25, 2006 9:16 AM
Subject: Re: [TS-850_450_690] Re: TS-850 Front Panel Replacement

Thanks for the offer from VK land, Charles. I think I will try the
one I already have first but if I run into any difficulty, I may get
back with you about the one you have.

Thanks & 73,
Alan, KD5R

----- Original Message -----
From: Charles Mortimer
To: TS-850_450_690@yahoogroups.com
Sent: Friday, March 24, 2006 6:51 PM
Subject: Re: [TS-850_450_690] Re: TS-850 Front Panel Replacement

hi Allen
I have a spare front panel with buttons if you are interested
for the ts850s if you are interested
vk6ycj Australia
----- Original Message -----
From: Alan Riley
To: TS-850_450_690@yahoogroups.com
Sent: Saturday, March 25, 2006 12:24 AM
Subject: Re: [TS-850_450_690] Re: TS-850 Front Panel Replacement

Thanks for the info, Max! That's exactly what I needed to know.
My replacement panel came without the buttons - I probably
should have ordered it with them but I didn't realize the buttons
were secured with the foam at the time I ordered it. I'm going
to print out your excellent instructions and put them with my
TS-850 manual.

Thanks again,
Alan, KD5R

----- Original Message -----
From: max_ve3tmt
To: TS-850_450_690@yahoogroups.com
Sent: Friday, March 24, 2006 6:20 AM
Subject: [TS-850_450_690] Re: TS-850 Front Panel Replacement

--- In TS-850_450_690@yahoogroups.com, "alamar_r" <arr44@...> wrote:
>
> Has anyone in the group ever replaced the front panel on their TS-850?
> Some years back, a certain SIL of mine accidently sprayed some WD-40
> on the front of my TS-850/PS-52 while my XYL & I were on vacation. It
> left some rather ugly spots, especially on the PS-52. I ordered
> replacement front panels from Pacific Coast Parts after discovering the
> spots were permanent. I replaced the PS-52 panel years ago but have
> put off replacement of the TS-850 panel. If anyone has any words of
> wisdom for me before I dive in, I would appreciate hearing them.
>
> Thanks,
> Alan, KDS5R
>

Alan,

I have done it twice. It really isn't hard to do as long as you take your time. I bought the one on my radio now used as I was told by East Coast Transistor they are no longer making them and there were none to be found except on the used market. Post an add on QTH.com. I did and received an e-mail a day later from a fellow parting out an 850. The panel looks almost new. I kept the display glass off my old one just in case.

Swapping the panel is easy. Stand the radio up on a floor or tabletop with the front panel facing up. You have to remove the covers, then the four screws that hold the panel in place. On the top and bottom of the panel are two little plastic snaps that lock it in place. You have to gently lift them one at time and wiggle the panel up towards you. Obviously you have to remove the knobs and VFO knob. Now would be a good time to soak them in dish soap and water and give them a good cleaning.

The panel may or may not come with the buttons attached. Kenwood sold them both ways. All of the buttons in the "filter" section and under the "FUNCTION" area are attached to the panel with a foam wafer between them. If this foam gets torn the buttons will fall out from the panel if you turn the radio upside down. After the knobs are off and the little tabs pulled up, simply pull the panel off towards you in an upward direction. By standing the radio up, hopefully all the little buttons that are attached to the front chasis will stay in place. When you put the new panel back on, make sure all the switches and buttons line up with their respective holes. Use a toothpick to center them as you slowly push the new panel back on. In fact it takes more time removing all the screws than it does swapping panels.

Good luck,

Max VE3TMT

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4538. Re: 850 Carrier Board Caps

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-03-27 18:06:07 UTC
From: Dave
Topic: 4535 Message: 4538

The Kenwood "problem" originated with using Tantalum caps where they should have used ordinary electrolytics.

As I have studied online information sources, I have come across a new problem in plain old electrolytics. It surfaced originally on PC motherboards and in PC power supplies, but since it is caused by an incorrect chemical formulation in electrolytic capacitors, it will happen in any product using "bad capacitors".

In short, your list of "good capacitor manufacturers" is:

Nichicon (I've always had good luck with them, and I'm allowed to design them into hi-rel military gear
Panasonic
Sanyo
United Chemi-Con
Nippon Chemi-Con

I've used all of the above. There are other brands that have been good at times and bad at times. The suspected cause is industrial espionage - someone at one capacitor factory stole a formula from another capacitor factory, but got the formula wrong. Then it spread to others.

For a good intro to the problem, causes and effects, look up the Wikipedia entry for "capacitor plague":

http://en.wikipedia.org/wiki/Capacitor_plague

That article links you to industry websites that discuss the problem.

Electrolytic capacitors are very complicated devices. An earlier problem was more contained. Large can (computer grade) electrolytics made in 1988 and early 1989 were manufactured with very mild chlorine contamination. After some years of service, and more often in high ripple-current applications, the internal aluminum foil contacts would erode away and the cap would go open circuit. Unfortunately, my employer of the period had shipped some 1000 RF power amps, any of which could have had "bad capacitors". We eventually did a "recall" of the high voltage filter board in every single amplifier. We chucked out every cap with a 1988 or 1989 date code. It affected about 30% of the boards. Alas, because the boards had been in amps already, they were no longer allowed to be used in new amps, but could be used as "repair exchange" assemblies. We designed the amps so ruggedly that in the ten year commercial usage of the amps, only two high voltage filter boards ever went bad in usage. So we were sitting on some $80,000 of perfectly good, but not usable material - e.g.

"scrap". The brands involved at that time were Philips and Mallory,
as they both manufactured caps in the same factory.

Dave W8NF

--- In TS-850_450_690@yahoogroups.com, "Daniel" <n9wx_dan@...> wrote:
>
> Hi Everyone,
>
> I know I know, this topic has been done already, and I looked back
> through the messages and couldnt find exactly what I wanted. What is a
> good name brand of caps to use for replacement, and what is a good
> source of those caps?? I promise I'll pay close attention to the
> posts.
>
> Thanks and 73,
> Daniel N9WX
>

4539. Re: [TS-850_450_690] Re: 850 Carrier Board Caps

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-03-28 17:13:44 UTC
From: Dave
Topic: 4535 Message: 4539

Hi Dave -

Can you confirm there also is a problem with the tantalum caps used in the 850? Others have reported problems with the electrolytics, not tantalum. John earlier sent photos of leaking electrolytics, so that's what I've understood was the issue.

I was confused about this earlier, so I'm really trying to sort this out.

Thanks,

- Dave
W6OT

Dave wrote:

> The Kenwood "problem" originated with using Tantalum caps where they
> should have used ordinary electrolytics.
>
<snip good stuff about cap problems...>

4540. Re: 850 Carrier Board Caps

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-03-28 18:23:58 UTC
From: Dave
Topic: 4535 Message: 4540

Isn't C1 on the CAR board a tantalum? That's how it was originally reported to me - but I honestly did not look it up in the Kenwood Service manual!

Also, the clear, acidic goo that came out of my C1 was consistent with the goo I've seen oozing from tantalum caps. When I've seen electrolytic caps leak, the stuff dries up and crystalizes fairly quickly.

However, I am open to being corrected on the matter!

Dave W8NF

--- In TS-850_450_690@yahoogroups.com, Dave <dave@...> wrote:
>
> Hi Dave -
>
> Can you confirm there also is a problem with the tantalum caps used in
> the 850? Others have reported problems with the electrolytics, not
> tantalum. John earlier sent photos of leaking electrolytics, so that's
> what I've understood was the issue.
>
> I was confused about this earlier, so I'm really trying to sort this
out.
>
> Thanks,
>
> - Dave
> W6OT
>
>
> Dave wrote:
>
> > The Kenwood "problem" originated with using Tantalum caps where they
> > should have used ordinary electrolytics.
> >
> <snip good stuff about cap problems...>
>

4541. Re: 850 Carrier Board Caps

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-03-29 05:52:09 UTC
From: Dave
Topic: 4535 Message: 4541

C1 is a 47uf electrolytic. C4, C8, C10, C13, C15, C20, C22, C25, C27 and C66 are similar 10uf electrolytics of the same make and series that probably have the same problems with leakage. Your notes about the chemical problems making caps explains a lot, these just seem to be a bad batch.

FWIW, I replaced mine this past weekend with the following units from Mouser:

647-UUD1E470MCL - 47uf, 25v
647-UUD1E220MCL - 22uf, 25v (Mouser didn't have 10uf in stock)

The data sheet is linked from http://www.mouser.com/access/?pn=647-UUD1E470MCL. I picked these because they seemed to have higher temp range and are SMD to match the ones it replaced. These are 25v which hopefully will give them a bit more headroom. They aren't cheap, but I think they'll do the job.

I'm not sure voltage is really an issue; the schematic (pg 164 in the service manual) shows all the 10uf caps on 5v lines. They are used on the chip +v inputs; I belive to smooth out the supply and prevent spikes with all the digital switching. C1 is at a bit higher voltage, over 7v, but that's still well under the 16v original rating. Going to a higher capacitance (22uf vs 10uf) here shoudn't be an issue.

The 22uf SMD caps are slightly larger than the originals, but it wasn't a problem. I messed up a few pads removing some of the first caps, but that taught me to be patient and gentle when loosening the old ones. After they come off, I cleaned and tinned the pads. Before soldering the new ones on, I bent the leads down slightly, then held them onto the pads and re-melted the solder and made sure if flowed onto the leads.

Anyway, it's all back together and working the way it should. I sure feels good to see the rig come alive and find out that I didn't break it ...

- Dave
W6OT

Dave wrote:

> Isn't C1 on the CAR board a tantalum? That's how it was originally
> reported to me - but I honestly did not look it up in the Kenwood
> Service manual!
>
> Also, the clear, acidic goo that came out of my C1 was consistent with
> the goo I've seen oozing from tantalum caps. When I've seen
> electrolytic caps leak, the stuff dries up and crystalizes fairly quickly.

>
> However, I am open to being corrected on the matter!
>
> Dave W8NF
>
> --- In TS-850_450_690@yahoogroups.com, Dave <dave@...> wrote:
> >
> > Hi Dave -
> >
> > Can you confirm there also is a problem with the tantalum caps used in
> > the 850? Others have reported problems with the electrolytics, not
> > tantalum. John earlier sent photos of leaking electrolytics, so that's
> > what I've understood was the issue.
> >
> > I was confused about this earlier, so I'm really trying to sort this
> out.
> >
> > Thanks,
> >
> > - Dave
> > W6OT
> >
> >
> > Dave wrote:
> >
> > > The Kenwood "problem" originated with using Tantalum caps where they
> > > should have used ordinary electrolytics.
> > >
> > <snip good stuff about cap problems...>
> >
>

4542. Re: 850 Carrier Board Caps

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-03-29 22:21:29 UTC
From: Clif
Topic: 4535 Message: 4542

--- In TS-850_450_690@yahoogroups.com, Dave <dave@...> wrote:
>
> C1 is a 47uf electrolytic. C4, C8, C10, C13, C15, C20, C22, C25, C27
> and C66 are similar 10uf electrolytics of the same make and series that
> probably have the same problems with leakage. Your notes about the
> chemical problems making caps explains a lot, these just seem to be a
> bad batch.
>
> FWIW, I replaced mine this past weekend with the following units from
> Mouser:
>
> 647-UUD1E470MCL - 47uf, 25v
> 647-UUD1E220MCL - 22uf, 25v (Mouser didn't have 10uf in stock)
> >

I have yet to see a Tantalum cap in the 850 carrier unit contrary to the service manual. C1 leaking is very common (at least to me). I have only seen one board that needed all of them replaced. I have heard the chemical explanation before and it makes sense.

Best is just to replace C1 and look at the others. Look closely at the solder connections, they should be shiny, if dull the cap is probably leaking. If in doubt stick a soldering iron to the connection, your nose will let you know if it has leaked.

Clif

4543. TS 450SAT Audio Problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-04-02 16:07:23 UTC
From: Tom Osborne
Topic: 4543 Message: 4543

Hi All

My TS 450SAT is developing an audio problem on transmit. Sometimes when it comes on, it works fine. Then the transmit audio goes away.
It works on FSK, CW, and FM, but no audio on AM or SSB. Any ideas? Thanks and 73
Tom W7WHY

4544. TS-850 display problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-04-02 19:32:20 UTC
From: José V. Gavilá
Topic: 3022 Message: 4544

Hello!

I have a TS-850 in the workbench with a serious display problem... all the right side (full display except the S-meter) shows arbitrary information, with most of the elements lit. It changes with dial (and radio works fine) but display is always nonsense.

I have checked the service manual and that part of the display is controlled by a dedicate integrated circuit. It is so my first suspect, as data lines are shared with S-meter part controller and it works fine. But, just in case, I wonder if there is another fault which could lead to that erratic display.

In case it is the large IC, is there somebody with a parts unit TS-850 willing to sell me the display board?

Thanks!

JOSE

--
---
73 EB5AGV / EC5AAU - JOSE V. GAVILA
La Canyada - Valencia (SPAIN) - Loc: IM99SM

Vintage Radio: http://jvgavila.com
Vintage Test Equipment: http://jvgavila.com/testeq.htm
European Boatanchors List: http://groups.yahoo.com/group/euro_ba_swap

4545. TS 850 power varies at transmit in CW??

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-04-02 20:05:37 UTC
From: n9rou
Topic: 4545 Message: 4545

My beloved TS 850 is acting strange. I use it almost only for receiving daily. I am the original owner and the serial number is in the 5 million range. Today I was checking SWR on the dipole connected to it and I put into CW mode and hit the rec/send key to transmit with antenna tuner off. Well the power kept varying from about 100 to 60 watts going down and up. The SWR was flat and did not change as the power varied. I tried with the antenna tuner on and the same thing happened. I tried 10, 15, and 40 meters and the same happened. Happened in FSK also. I lowered the power to around 25 watts and the same behaviour continued. Anyone have an idea what is going on. I suppose it is a good time to send it to the factory for checkup and battery change anyhow. Thanks for any advice. --- Steve KK9ZZ

PS. Don't know how many have seen this but Rob Sherwood has updated his reciever tests to include the TS 850 with Inrad 400 filters. Close in dynamic range shows as an impressive 77 at 2 KHZ. That is not bad for a general recover receiver with no special roofing filter. The Icom 756 PROIII with the "improved" roofing filter had 69 at 2 KHZ which is significantly lower. See the link below if interested.

http://www.sherweng.com/table.html

4546. Kenwood 850 radio problems

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-04-02 21:02:29 UTC
From: Brian-KA5BKG
Topic: 4546 Message: 4546

Hello group I need some advice as to what might be wrong with my 850.

Just recently my 850 started acting crazy on me and I don't think its antenna problems.
For one it wont hold a tune on my G5RV. I put it in CW mode and watch it on a external meter and it will show the full 100 watt output, then abt 1.5 minutes later, it will loose power output to about 10 watts, and SWR will go high, then a little while later then it goes back to full power out.

Today I took the auto-tuner out of line and used a external tuner and put it back in CW mode and tuned the same antenna down to 1.3-1 SWR.

Any ideas or suggestions on what might be going out or possibily have went out on the 850??

Someone told me it was antenna problems, but after using a external tuner I don't think its antenna problems.

73,
Brian

KA5BKG

4547. Re: TS-850 display problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-04-02 21:36:09 UTC
From: Clif
Topic: 3022 Message: 4547

--- In TS-850_450_690@yahoogroups.com, José V. Gavilá <eb5agv@...> wrote:
>
> Hello!
>
> I have a TS-850 in the workbench with a serious display problem... all
> the right side (full display except the S-meter) shows arbitrary
> information, with most of the elements lit. It changes with dial (and
> radio works fine) but display is always nonsense.
>
> I have checked the service manual and that part of the display is
> controlled by a dedicate integrated circuit. It is so my first
> suspect, as data lines are shared with S-meter part controller and it
> works fine. But, just in case, I wonder if there is another fault
> which could lead to that erratic display.
>
> In case it is the large IC, is there somebody with a parts unit TS-850
> willing to sell me the display board?
>
> Thanks!
>
> JOSE

Jose, first check the digital unit for a leaking battery. Several data lines run under the battery and I have had them damaged and mess up the display only. Then check the data lines at the display unit using a scope.

Clif

4548. Re: [TS-850_450_690] Re: TS-850 display problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-04-02 21:42:24 UTC
From: Jose V. Gavila
Topic: 3022 Message: 4548

Hello Clif and all the List,

I was just about to send a message as I have already fixed it :-)!!!

I have looked with the oscilloscope to DATA, CLOCK and ENABLE lines for the 'faulty' IC and, yes, CLOCK was missing!. As CLOCK is the same for both ICs (the one which controls the S-METER and the other unit), it was evident something was not right... so I have removed the DISPLAY UNIT and there was a leaking capacitor (470uF/16V). It had corroded a PCB track which, _casually_, was the CLOCK line.

So, once I have replaced it with a piece of wirewrapping wire, it has worked fine :-)!!!

It is nice to end a weekend with a nice repair :-)

Regards,

JOSE

At 21:36 02/04/2006 +0000, you wrote:
>Jose, first check the digital unit for a leaking battery. Several data
>lines run under the battery and I have had them damaged and mess up
>the display only. Then check the data lines at the display unit using
>a scope.
>
>Clif

---
73 EB5AGV / EC5AAU - JOSE V. GAVILA
La Canyada - Valencia (SPAIN) - Loc: IM99SM

Vintage Radio: http://jvgavila.com
Vintage Test Equipment: http://jvgavila.com/testeq.htm
European Boatanchors List: http://groups.yahoo.com/group/euro_ba_swap

4549. Re: TS 850 power varies at transmit in CW??

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-04-02 21:48:17 UTC
From: Clif
Topic: 4545 Message: 4549

--- In TS-850_450_690@yahoogroups.com, "n9rou" <sumbach@...> wrote:
>
> My beloved TS 850 is acting strange. I use it almost only for
> receiving daily. I am the original owner and the serial number is in
> the 5 million range. Today I was checking SWR on the dipole
> connected to it and I put into CW mode and hit the rec/send key to
> transmit with antenna tuner off. Well the power kept varying from
> about 100 to 60 watts going down and up. The SWR was flat and did
> not change as the power varied. I tried with the antenna tuner on
> and the same thing happened. I tried 10, 15, and 40 meters and the
> same happened. Happened in FSK also. I lowered the power to around
> 25 watts and the same behaviour continued. Anyone have an idea what
> is going on. I suppose it is a good time to send it to the factory
> for checkup and battery change anyhow. Thanks for any advice. ---
> Steve KK9ZZ
>
> PS. Don't know how many have seen this but Rob Sherwood has updated
> his reciever tests to include the TS 850 with Inrad 400 filters.
> Close in dynamic range shows as an impressive 77 at 2 KHZ. That is
> not bad for a general recover receiver with no special roofing
> filter. The Icom 756 PROIII with the "improved" roofing filter had
> 69 at 2 KHZ which is significantly lower. See the link below if
> interested.
>
> http://www.sherweng.com/table.html

Well documented problem. Search DC/DC converter on the group.

Clif
>

4550. Leaky C1 on CAR board

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-04-05 02:41:39 UTC
From: max_ve3tmt
Topic: 4550 Message: 4550

Just out of curiousity I decided to inspect my CAR board for a leaky cap. Well my C1 has leaked. I have uploaded a picture into the "SERVICE" folder in the Photo section for all to see. I wanted to check because sometime ago my SSB monitor stopped worked properly. I could hear the audio but it sound like I was listening on AM, i.e. the carrier was missing. The carrier for the monitor is generated on this board so I decided to see if the cap was leaking and was this the source of my problems.

Looking at the schematic, C1 runs from the 8V line to ground. This is well below the 16V rating of the cap, I guess it just leaks from age?? My 850 is in the 20 mil range. I measured 7.63V going into the cap and the same after the cap going into the IC8 5V regulator. The regulator measures exactly 5V out.

Obviously there may be some damage to the board, but I'm curious if the leaky cap could cause the monitor problem. I could see if the leak etched the trace away but that doesn't appear to be the case. Can it be changed with a standard 47uf 25V electrolytic? and could this be the source of the problem?

Max

4551. Re: Leaky C1 on CAR board

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-04-05 03:50:46 UTC
From: max_ve3tmt
Topic: 4550 Message: 4551

Upon further inspection...

I removed C1. The trace under the cap was badly corroded. This trace carries 8V on TX through R53 to the MCAR circuits. I measured for continuity on the top side of the board before the corrosion to the other side after the solder-thru hole. No go. The solder thru hole was also badly corroded on the top side. I soldered a wire jumper thru the hole and used the wire as a trace back to the good side and now have a complete circuit. Sure wish I had my new bi-focals to finish this job. I think this is why I lost the carrier signal. Now to reverse my monitor mods to get true RF monitoring Hmmmmm.....

Max

4552. Re: [TS-850_450_690] Leaky C1 on CAR board

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-04-05 05:02:07 UTC
From: Rich Dailey, N8UX.
Topic: 4550 Message: 4552

>etched the trace away but that doesn't appear to be the case. Can it
>be changed with a standard 47uf 25V electrolytic? and could this be
>the source of the problem?

Absolutely.

Rich

4553. TS-850 Low Output

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-04-05 18:19:27 UTC
From: Brian
Topic: 4553 Message: 4553

My newly purchased TS-850 has a problem with power output. Output varies according to band. On 160 meters, its only 25 watts. On 80 meters, it starts at 50 watts and gradually rises to close to 100 after a few seconds. On 20 meters, it's 75 watts. 17-10 meters its only 25 watts.

On all bands output seems to start lower and then rise slightly after 5 seconds or so, but the effect is much more pronounced on 80 meters.

Is this the DC-DC board problem? I'm not sure, it doesn't seem to match the descriptions I've found... There does not seem to be any drop in output after a while, it rises and stays steady.

Measurements were taken with the ATU disabled, using a dummy load and a known accurate meter.

Any ideas? There's nobody in eastern ontario that I know of that would repair it and I'm not comfortable shipping it somewhere if it's going to cost me a fortune to repair, so I'd like to know if I should take it back to the guy and demand a refund.

4554. Re: TS-850 Low Output

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-04-05 20:15:08 UTC
From: max_ve3tmt
Topic: 4553 Message: 4554

Brian,

I'm in Kingston. IF you like I can check it out for you. I'm on my fourth 850 now. Perhaps we can solve the problem.

Max

4555. Re: TS-850 Low Output

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-04-05 21:54:52 UTC
From: Clif
Topic: 4553 Message: 4555

--- In TS-850_450_690@yahoogroups.com, "Brian" <bgravesx@...> wrote:
>
> My newly purchased TS-850 has a problem with power output. Output
> varies according to band. On 160 meters, its only 25 watts. On 80
> meters, it starts at 50 watts and gradually rises to close to 100
> after a few seconds. On 20 meters, it's 75 watts. 17-10 meters its
> only 25 watts.
>
> On all bands output seems to start lower and then rise slightly after
> 5 seconds or so, but the effect is much more pronounced on 80 meters.
>
> Is this the DC-DC board problem? I'm not sure, it doesn't seem to
> match the descriptions I've found... There does not seem to be any
> drop in output after a while, it rises and stays steady.
>
> Measurements were taken with the ATU disabled, using a dummy load and
> a known accurate meter.
>

Go to the filter unit and with ohmeter in hand figure out which relay
is stuck. Go thru the bands and confirm operation of each. Usually the
10m relay.

Clif
> Any ideas? There's nobody in eastern ontario that I know of that would
> repair it and I'm not comfortable shipping it somewhere if it's going
> to cost me a fortune to repair, so I'd like to know if I should take
> it back to the guy and demand a refund.
>

4556. Re: TS-850 Low Output

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-04-07 16:07:15 UTC
From: Brian
Topic: 4553 Message: 4556

--- In TS-850_450_690@yahoogroups.com, "Clif" <clif@...> wrote:
>
> Go to the filter unit and with ohmeter in hand figure out which
> relay is stuck. Go thru the bands and confirm operation of each.
> Usually the 10m relay.
>
> Clif

Hi Clif, thanks very much for your reply. It appears the problem has corrected itself. I suppose one might want to translate that as "user error", but I admit nothing :)

Actually, I'm not sure what it was. All I know is I have full output on CW now, and I didn't before. I'm sure the rig was not used for some time before I brought it home, if it was indeed a stuck relay it may have become "unstuck" with a bit of use I suppose. All seems well now. I shall keep an eye on it.

Thanks very much.

73 de Brian - VA3DXV

4557. TS-450S low receive sensitivity

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-04-08 04:49:27 UTC
From: Vince Cothran
Topic: 4557 Message: 4557

Greetings to the group,

After a number of years of inactivity in the hobby, I just purchased a TS-450S that has turned out to have dismal sensitivity on all frequencies below 21.5MHz. I used a signal generator at work to apply a 50uV (S9) signal at various frequencies from 800KHz to 30+MHz. Frequencies below 21.5MHz produced S2-S3 readings, with frequencies above 21.5MHz consistantly producing S meter readings of S9+15db. This was with the attenuator and AIP turned off.

Another red flag about this rig is a strong birdie dead on 10MHz. Is this normal? Other than that, she cleaned up nicely and puts out ~125W on all bands, with good clean sounding audio.

I just foound this group today and have read the posts about bad or leaky switching diodes on the RF board. Is this the most likely cause of my sensitivity problem. If so, does my data provide enough info to guess which one to check first and could someone suggest the best source of replacements.

Thanks in advance and 73,
Vince - KK4NH
Elgin, South Carolina

4558. Hssss noice on MC-60a when transmitting.

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-04-08 13:57:01 UTC
From: radioman42001
Topic: 4558 Message: 4558

I have an odd problem with my TS-850SAT and am hoping that one of the group members might have a suggestion. I have a Kenwood MC-60a that I have been using on my TS-430S for some time that works well and I have even had comments about the audio quality. I also have the stock mic, the MC43s that works fine on both radios. My problem is that when I connect the MC-60a to the TS-850SAT, everytime I hit the PTT, there is a distinct Hsss coming from the microphone element. I usually operate with head phones, and the first time I heard the noise, I ripped off the headphone to try to find out what I was hearing. I knew it was NOT in the headphone. During one attempted QSO, I heard the person I called CQ to, state on the air that he has never heard that kind of noise before! When I plugged the MC-43s back into the TS-850SAT, everything was fine. I have tried the MC-60a with and without the preamp. I have tried with and without batteries. I even disconnected the base cord, and plugged in the cord directly from the radio to the microphone thereby eliminating any circuit in the base. In all configurations the same Hssss noice comes from the MC-60a when used on the TS-850SAT. In all configurations on the TS-430s, it works fine!! I love this microphone, and want to use it on the TS-850SAT, but I am stumped. I would appreciate any suggestions. 73 Bill W1WRH

4559. Re: [TS-850_450_690] Hssss noice on MC-60a when transmitting.

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-04-08 15:35:36 UTC
From: Lane Giard
Topic: 4558 Message: 4559

Does it have batterys installed. Is the switch set to 50K or 500ohms. It should not have batterys installed. Turn on the mic amp and set switch to 50K. Turm mic gain on radio down to around 9:00 position.

Hope this helps
Lane, N7ZXP

----- Original Message -----
From: "radioman42001" <radioman42001@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Saturday, April 08, 2006 6:57 AM
Subject: [TS-850_450_690] Hssss noice on MC-60a when transmitting.

>I have an odd problem with my TS-850SAT and am hoping that one of the
> group members might have a suggestion. I have a Kenwood MC-60a that I
> have been using on my TS-430S for some time that works well and I have
> even had comments about the audio quality. I also have the stock mic,
> the MC43s that works fine on both radios. My problem is that when I
> connect the MC-60a to the TS-850SAT, everytime I hit the PTT, there is
> a distinct Hsss coming from the microphone element. I usually operate
> with head phones, and the first time I heard the noise, I ripped off
> the headphone to try to find out what I was hearing. I knew it was
> NOT in the headphone. During one attempted QSO, I heard the person I
> called CQ to, state on the air that he has never heard that kind of
> noise before! When I plugged the MC-43s back into the TS-850SAT,
> everything was fine. I have tried the MC-60a with and without the
> preamp. I have tried with and without batteries. I even disconnected
> the base cord, and plugged in the cord directly from the radio to the
> microphone thereby eliminating any circuit in the base. In all
> configurations the same Hssss noice comes from the MC-60a when used on
> the TS-850SAT. In all configurations on the TS-430s, it works fine!!
> I love this microphone, and want to use it on the TS-850SAT, but I am
> stumped. I would appreciate any suggestions. 73 Bill W1WRH
>
>
>
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>
> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
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4560. Re: [TS-850_450_690] Hssss noice on MC-60a when transmitting.

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-04-08 16:06:55 UTC
From: Bill Hodgson
Topic: 4558 Message: 4560

Lane,
I had removed the batteries. Currently I have the switch set to 500 ohms. The stock mc43 mic was 600 ohms. I will try your suggestion with the amp & 50 ohms and report back.

73
Bill
W1WRH

Lane Giard <lanegiard@...> wrote: Does it have batterys installed. Is the switch set to 50K or 500ohms. It
should not have batterys installed. Turn on the mic amp and set switch to
50K. Turm mic gain on radio down to around 9:00 position.

Hope this helps
Lane, N7ZXP

----- Original Message -----
From: "radioman42001" <radioman42001@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Saturday, April 08, 2006 6:57 AM
Subject: [TS-850_450_690] Hssss noice on MC-60a when transmitting.

>I have an odd problem with my TS-850SAT and am hoping that one of the
> group members might have a suggestion. I have a Kenwood MC-60a that I
> have been using on my TS-430S for some time that works well and I have
> even had comments about the audio quality. I also have the stock mic,
> the MC43s that works fine on both radios. My problem is that when I
> connect the MC-60a to the TS-850SAT, everytime I hit the PTT, there is
> a distinct Hsss coming from the microphone element. I usually operate
> with head phones, and the first time I heard the noise, I ripped off
> the headphone to try to find out what I was hearing. I knew it was
> NOT in the headphone. During one attempted QSO, I heard the person I
> called CQ to, state on the air that he has never heard that kind of
> noise before! When I plugged the MC-43s back into the TS-850SAT,
> everything was fine. I have tried the MC-60a with and without the
> preamp. I have tried with and without batteries. I even disconnected
> the base cord, and plugged in the cord directly from the radio to the
> microphone thereby eliminating any circuit in the base. In all
> configurations the same Hssss noice comes from the MC-60a when used on
> the TS-850SAT. In all configurations on the TS-430s, it works fine!!
> I love this microphone, and want to use it on the TS-850SAT, but I am
> stumped. I would appreciate any suggestions. 73 Bill W1WRH
>
>
>
>

>
> THANKS FOR USING TS-850_450_690@...
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TS-850_450_690-unsubscribe@yahoogroups.com

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---

radioman42001@...

Blab-away for as little as 1¢/min. Make PC-to-Phone Calls using Yahoo! Messenger with Voice.

[Non-text portions of this message have been removed]

4561. Does My TS-450 Need Display Calibration or something else?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-04-09 12:28:10 UTC
From: ve9xyz
Topic: 4561 Message: 4561

Yesterday I had a QSO with a chap on 20 meters and he just so happened to see the spotting entry for our QSO that was automatically generated by my logging pogram. At the end of our chat he mentioned that we were on 14.254.20 and not 14.254.40 which I reported in my log.

Hmmm - maybe I need to calibrate as outlined in the back of my manual - BUT on the 75 meter band (which I spend most time on except for weekends) always sems right on - most QSOs seem to be right on XXXX.00 or XXXX.50 and sound exactly right there.

Is there an adjustment for each band? Maybe some small oscillator error grows with operating frequency and so shows up more on higher freqs?

Any suggestions appreciated.

73
Kevin VE9-XYZ

4562. Re: Does My TS-450 Need Display Calibration or something else?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-04-09 13:22:13 UTC
From: max_ve3tmt
Topic: 4561 Message: 4562

--- In TS-850_450_690@yahoogroups.com, "ve9xyz" <myfamilydotcom@...>
wrote:

At the end of our chat he mentioned that we were on 14.254.20 and not
14.254.40 which I reported in my log.

Kevin,

There is no adjustment for the individual bands. Quite possibly it was
HIS radio showing the incorrect frequency.

Max

4563. TS2000 Problem solved

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-04-09 13:26:22 UTC
From: Nik Read
Topic: 4563 Message: 4563

Firstly, May I thank all who responded to my original question. I am pleased to say the situation has now been resolved.

When I first went around to My friend's, I had not taken any test gear with Me (external ATU, external power meter etc..). I managed to get a dummy load from another amateur locally which when connected indicated that there was possibly a fault with the internal ATU. I went round again a couple of days later with an external ATU and with this connected and the internal ATU offline the antenna tuned OK. I then increased the power out from the radio to 100% (I.E. 100watts) and was amazed to see, with and SWR of 1:1, only 8 watts going out. This then indicated problems with the PA..
I spoke on the phone to the Shop where the radio was purchased from and they agreed that it sounded like PA trouble. The Radio was returned to them and after they checked it a new TS2000 was given to My friend.. A happy outcome !!..

All I have to do now is get My TS850 display working again..

Regards to all..

Nik M5DND

No virus found in this outgoing message.
Checked by AVG Free Edition.
Version: 7.1.385 / Virus Database: 268.3.5/302 - Release Date: 05/04/06

[Non-text portions of this message have been removed]

4564. Re: [TS-850_450_690] Does My TS-450 Need Display Calibration or something else?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-04-09 14:35:38 UTC
From: Rich Dailey, N8UX.
Topic: 4561 Message: 4564

>by my logging pogram. At the end of our chat he mentioned that we
>were on 14.254.20 and not 14.254.40 which I reported in my log.
>Hmmm - maybe I need to calibrate as outlined in the back of my manual -

Or maybe he needs to.
I wouldn't sweat it. And this coming from an obsessive calibration geek.
Some ops never qso zero-beat, because it sounds fine to their ears.

Rich

Rich Dailey, N8UX.
http://tinyurl.com/kkb6j
The J-36 Census Project - http://tinyurl.com/9y3kq
--... ...--

4565. re: 746 Service menu

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-04-09 14:56:52 UTC
From: Rich Dailey, N8UX.
Topic: 4565 Message: 4565

Someone was wanting the info on the 746 "special"
service menu -

http://tinyurl.com/kkb6j

Rich Dailey, N8UX.
http://tinyurl.com/kkb6j
The J-36 Census Project - http://tinyurl.com/9y3kq
--... ...--

4566. Re: [TS-850_450_690] Does My TS-450 Need Display Calibration or something else?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-04-09 14:57:06 UTC
From: Zack Widup
Topic: 4561 Message: 4566

Have you checked against WWV? Push the "tune" button and find out where WWV zero-beats. My rig appears to be about 8 Hz too low. I'm not going to worry about that at this time. 8 Hz isn't worth fooling with for everyday use IMO.

73, Zack W9SZ

On Sun, 9 Apr 2006, ve9xyz wrote:

> Yesterday I had a QSO with a chap on 20 meters and he just so happened
> to see the spotting entry for our QSO that was automatically generated
> by my logging pogram. At the end of our chat he mentioned that we
> were on 14.254.20 and not 14.254.40 which I reported in my log.
>
> Hmmm - maybe I need to calibrate as outlined in the back of my manual -
> BUT on the 75 meter band (which I spend most time on except for
> weekends) always sems right on - most QSOs seem to be right on XXXX.00
> or XXXX.50 and sound exactly right there.
>
> Is there an adjustment for each band? Maybe some small oscillator
> error grows with operating frequency and so shows up more on higher
> freqs?
>
> Any suggestions appreciated.
>
> 73
> Kevin VE9-XYZ
>

4567. Low output on 17m and above

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-04-09 18:01:56 UTC
From: dm4dx
Topic: 4567 Message: 4567

Hi all,
I am using an Kenwood TS-850s and have some problems with low output on 17m and bands above. On 20m the trx does about 80-90Watts which is ok. But for e.g. on 10m it's only 40Watts. Apart of that I believe the sensitivity isn't that good at all. Compared with a TS-50 I find it slightly worse.
After reading the group I changed the 74LS145, but no changes occured. Now I am going to change the D31. It must be somewhere on the rf-unit, isn't it? I tried to figure out where it's located but since now I didn't find it. If I don't have 2 D's, does it make sense to put in 2 new diodes like shown in the kenwood bulletin, or shall I stick to one?

If this doesn't work either I'm going to try to change the switching transistors may be this is the error that creates the low sensitivity.

So can anyone help me finding the D31? Probably any other things I can try to fix the radio?

By the way, a great group here. Fine to read.
Thanks for your help,

Chris

4568. Re: Does My TS-450 Need Display Calibration or something else?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-04-09 21:03:11 UTC
From: Clif
Topic: 4561 Message: 4568

--- In TS-850_450_690@yahoogroups.com, "ve9xyz" <myfamilydotcom@...>
wrote:
>
> Yesterday I had a QSO with a chap on 20 meters and he just so happened
> to see the spotting entry for our QSO that was automatically generated
> by my logging pogram. At the end of our chat he mentioned that we
> were on 14.254.20 and not 14.254.40 which I reported in my log.
>
> Hmmm - maybe I need to calibrate as outlined in the back of my manual -
> BUT on the 75 meter band (which I spend most time on except for
> weekends) always sems right on - most QSOs seem to be right on XXXX.00
> or XXXX.50 and sound exactly right there.
>
> Is there an adjustment for each band? Maybe some small oscillator
> error grows with operating frequency and so shows up more on higher
> freqs?
>
> Any suggestions appreciated.
>
> 73
> Kevin VE9-XYZ
>

There is one reference oscillator for all bands. As you go up in
frequency the error becomes larger. SSB is not the place to check
error because different people hear differently.

It can be adjusted but you need a calibrated frequency counter to set
it. Joe's $50 flea market special just won't do. You are looking at a
200hz error. His radio could be off 100 and yours 100. Which one are
you going to adjust if you don't know which is off. Also the radio
will move several hundred hz from a cold turn-on as the crystal warms up.

I guess I'm trying to say I wouldn't mess with it over 200hz.

lif

4569. Re: Low output on 17m and above

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-04-09 21:11:58 UTC
From: Clif
Topic: 4567 Message: 4569

--- In TS-850_450_690@yahoogroups.com, "dm4dx" <dm4dx@...> wrote:
>
> Hi all,
> I am using an Kenwood TS-850s and have some problems with low output
> on 17m and bands above. On 20m the trx does about 80-90Watts which is
> ok. But for e.g. on 10m it's only 40Watts. Apart of that I believe
> the sensitivity isn't that good at all. Compared with a TS-50 I find
> it slightly worse.
> After reading the group I changed the 74LS145, but no changes
> occured. Now I am going to change the D31. It must be somewhere on
> the rf-unit, isn't it? I tried to figure out where it's located but
> since now I didn't find it. If I don't have 2 D's, does it make sense
> to put in 2 new diodes like shown in the kenwood bulletin, or shall I
> stick to one?
>
> If this doesn't work either I'm going to try to change the switching
> transistors may be this is the error that creates the low sensitivity.
>
> So can anyone help me finding the D31? Probably any other things I
> can try to fix the radio?
>
> By the way, a great group here. Fine to read.
> Thanks for your help,
>
> Chris
>

If D31 were bad it's wouldn't work. You probably have shorted diodes
in the RF filter unit. These are the diodes the '145 feeds. Use an
ohmmeter to check the diodes.

You really need a service manual find find all the diodes.

Clif

4570. Re: [TS-850_450_690] Does My TS-450 Need Display Calibration or something else?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-04-09 21:23:29 UTC
From: Tom Osborne
Topic: 4561 Message: 4570

Hi Kevin

How does the other guy know his rig is right on? Maybe his is wrong, not yours. 73
Tom W7WHY

> Yesterday I had a QSO with a chap on 20 meters and he just so happened
> to see the spotting entry for our QSO that was automatically generated
> by my logging pogram. At the end of our chat he mentioned that we
> were on 14.254.20 and not 14.254.40 which I reported in my log.
>
> Hmmm - maybe I need to calibrate as outlined in the back of my manual -
> BUT on the 75 meter band (which I spend most time on except for
> weekends) always sems right on - most QSOs seem to be right on XXXX.00
> or XXXX.50 and sound exactly right there.
>
> Is there an adjustment for each band? Maybe some small oscillator
> error grows with operating frequency and so shows up more on higher
> freqs?
>
> Any suggestions appreciated.
>
> 73
> Kevin VE9-XYZ
>
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> THANKS FOR USING TS-850_450_690@...
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4571. Re: Low output on 17m and above

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-04-10 16:04:24 UTC
From: dm4dx
Topic: 4567 Message: 4571

Hi Cliff,

Bill,K0ZL somewhere mentioned that low tx out can probably solved by replacing the D31. If I remember right the Kenwood news bulletin stated that this D31 is one main failure for low sensitivity, so I guess if it fails the radio should work anyhow. May be someone in here has experiences with that?!
Right now I'm going to get a service manual. I'll also check your hint about the diodes.

regards, Chris

> If D31 were bad it's wouldn't work. You probably have shorted diodes
> in the RF filter unit. These are the diodes the '145 feeds. Use an
> ohmmeter to check the diodes.
>
> You really need a service manual find find all the diodes.
>
> Clif
>

4573. Raspy and Varying Sidetone

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-04-11 20:04:44 UTC
From: John Kuklewicz N7ZN
Topic: 4573 Message: 4573

Hello,

I recently returned from a long time away from my TS-850 and have noticed some very unusual behavior of the CW sidetone.

When I first turn on the rig, and close the key (in CW mode) the sidetone has a very raspy sound. The pitch varies from normal (800Hz or so), to a low pitch, then a high pitch. This cycles a few times with a period of several seconds until the tone eventually settles down to the usual 800Hz pitch and the raspy tone goes away. At this point the sidetone sounds pretty much normal. The behavior seems to me to be a control loop trying to lock.

I have not tried transmitting while all this is going on.

The amount of time that the pitch varies back and forth (up and down) seems to be related to how long the rig has been off. And the problem seems to be getting worse.

I have no idea what is going on in SSB mode(s) since I rarely use phone.

Am I correct in assuming that what I am seeing is some sort of problem with the CAR board/DDS chips?

My rig is s/n 30200393. I opened it up and find that the CAR board DDS chips are 6631's with a datecode of 9101. These are the sort that are eventually going to fail, correct?

I have ordered a new CAR board from East Coast Transistor, but they tell me that the board is on backorder until late May.

Any ideas?

Thank you and vy 73;

John N7ZN

4574. Re: [TS-850_450_690] Raspy and Varying Sidetone

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-04-12 17:55:40 UTC
From: Anthony W. DePrato
Topic: 4573 Message: 4574

At 01:04 PM 4/11/2006 -0700, you wrote:
>Hello,
>
>I recently returned from a long time away from my TS-850 and have noticed
>some very unusual behavior of the CW sidetone.
John:
have you checked the carrier and mod boards for leaking cap's ?
73 Tony

4575. TS-450 works fine then

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-04-13 00:22:56 UTC
From: Joel Butler
Topic: 4575 Message: 4575

hi i have a TS-450 works fine then the audio os out it stell receves
but just cant here it at all nothing win like this ev erything works
as it shoud but nothing to the speaker int or ext but if it setes long
enuf it well come back on help

4576. Re: [TS-850_450_690] TS-450 works fine then

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-04-13 01:16:41 UTC
From: Tom Osborne
Topic: 4575 Message: 4576

Hi

I had the same problem here one time and found it was the squelch that had
gotten turned on somehow. 73
Tom W7WHY

> hi i have a TS-450 works fine then the audio os out it stell receves
> but just cant here it at all nothing win like this ev erything works
> as it shoud but nothing to the speaker int or ext but if it setes long
> enuf it well come back on help
>
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>
> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
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4577. TS690SAT Intermittent Receive?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-04-13 08:27:35 UTC
From: Gavin Stirling
Topic: 4577 Message: 4577

Hi Folks, I have a Kenwood TS690SAT. It appears to have an intermittent receive problem.

On switching the set on it receives signals perfectly. After an indeterminate period of time everything goes quiet. You still get white noise and signals but they're down a good say 7 or 8 s-points, white noise and signals still audible but not at the same level.

If you wiggle the pl259 connector it jumps back up to normal strength. So you'd think it was the pl259. However having changed the pl259's, changed antennas and changed everything you still get the same result, i.e. it comes back for an indeterminate amount of time and then goes quiet. Thinking it may have been an so239 problem I resoldered the connection there too but that still didn't cure the problem.

Anyone else suffered the same problem with a TS450 or TS690 and how did you fix it?

Regards,
Gav
GM0WDD

4578. Re: TS690SAT Intermittent Receive?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-04-13 11:12:38 UTC
From: max_ve3tmt
Topic: 4577 Message: 4578

--- In TS-850_450_690@yahoogroups.com, "Gavin Stirling"
<gavin.stirling@...> wrote:

> Anyone else suffered the same problem with a TS450 or TS690 and how did
> you fix it?

Dirty relay?? The receive line is switched through a relay so it
bypasses the antenna tuner.

4579. Re: TS-450 works fine then

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-04-13 11:43:27 UTC
From: Joel Butler
Topic: 4575 Message: 4579

that is not the problum on this one

--- In TS-850_450_690@yahoogroups.com, "Tom Osborne" <w7why@...> wrote:
>
> Hi
>
> I had the same problem here one time and found it was the squelch
that had
> gotten turned on somehow. 73
> Tom W7WHY
>
>
> > hi i have a TS-450 works fine then the audio os out it stell receves
> > but just cant here it at all nothing win like this ev erything works
> > as it shoud but nothing to the speaker int or ext but if it setes long
> > enuf it well come back on help
> >
> >
> >
> >
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> >
> > THANKS FOR USING TS-850_450_690@...
> > Yahoo! Groups Links
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>

4580. Re: [TS-850_450_690] TS690SAT Intermittent Receive?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-04-13 14:28:33 UTC
From: Robert Kincaid
Topic: 4577 Message: 4580

Garvin

I had that problem and the wire from the so239
connector to the board had a cold solder joint. Been
several years but I don't remember it being to
difficult to fix. Good luck.

Robert

--- Gavin Stirling <gavin.stirling@...>
wrote:

> Hi Folks, I have a Kenwood TS690SAT. It appears to
> have an intermittent
> receive problem.
>
> On switching the set on it receives signals
> perfectly. After an
> indeterminate period of time everything goes quiet.
> You still get white
> noise and signals but they're down a good say 7 or 8
> s-points, white
> noise and signals still audible but not at the same
> level.
>
> If you wiggle the pl259 connector it jumps back up
> to normal strength.
> So you'd think it was the pl259. However having
> changed the pl259's,
> changed antennas and changed everything you still
> get the same result,
> i.e. it comes back for an indeterminate amount of
> time and then goes
> quiet. Thinking it may have been an so239 problem I
> resoldered the
> connection there too but that still didn't cure the
> problem.
>
> Anyone else suffered the same problem with a TS450
> or TS690 and how did
> you fix it?
>
> Regards,
> Gav
> GM0WDD
>

>
>
>

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4581. Bifocals: Was Leaky C1 on CAR board

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-04-13 15:18:32 UTC
From: Roy Sakabu
Topic: 4550 Message: 4581

Max,
An invaluable tool with electronics, not just tiny surface mount stuff, is a lighted magnifier on a swing arm. You can often find them at surplus stores or junk piles for next to nothing. I got mine for $5. You could also mount a large magnifynig glass on an arm lamp which can also be had for just about nothing. Get the kind that uses a "C-clamp" and you can attach it to just about anything.

Glad you got your rig working again.

73
Roy
AD6ZU

--- In TS-850_450_690@yahoogroups.com, "max_ve3tmt" <max_ve3tmt@...> wrote:
>
> Upon further inspection...
>
> I removed C1. The trace under the cap was badly corroded. This trace
> carries 8V on TX through R53 to the MCAR circuits. I measured for
> continuity on the top side of the board before the corrosion to the
> other side after the solder-thru hole. No go. The solder thru hole was
> also badly corroded on the top side. I soldered a wire jumper thru the
> hole and used the wire as a trace back to the good side and now have a
> complete circuit. Sure wish I had my new bi-focals to finish this job.
> I think this is why I lost the carrier signal. Now to reverse my
> monitor mods to get true RF monitoring Hmmmmm.....
>
> Max
>

4582. Re: Hssss noice on MC-60a when transmitting.

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-04-13 15:24:25 UTC
From: Roy Sakabu
Topic: 4558 Message: 4582

The other thing to try out is to connect the mike directly to the rig and bypass the wiring in the base. I tried that when chasing down RF feedback in the mike. Sure enough, the base was the culprit and after installing a few capacitors and inductors, I got rid of the RF feedback.

73
Roy
AD6ZU

--- In TS-850_450_690@yahoogroups.com, Bill Hodgson <radioman42001@...> wrote:
>
> Lane,
> I had removed the batteries. Currently I have the switch set to 500 ohms. The stock mc43 mic was 600 ohms. I will try your suggestion with the amp & 50 ohms and report back.
>
> 73
> Bill
> W1WRH
>

4583. Re: Bifocals: Was Leaky C1 on CAR board

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-04-13 20:05:51 UTC
From: max_ve3tmt
Topic: 4550 Message: 4583

--- In TS-850_450_690@yahoogroups.com, "Roy Sakabu" <rsakabu@...> wrote:
>
> Max,
> An invaluable tool with electronics, not just tiny surface mount
stuff,
> is a lighted magnifier on a swing arm. You can often find them at
> surplus stores or junk piles for next to nothing.

Roy,

I wear a pair of those 4.00x magnifying glasses from the local dollar store. You don't want to wear them too long but they're great for up close work. I put it back together but the monitor is still not working. The MONS pad is showing the proper voltages when the switch is engaged but I don't know what to check from there. Funning thing I have had the same thing hapen on 3 of the 850's I've owned. I can't remember if I put a jumper in under the board and I don't want to pull the IF board to find out!

Max

4584. Re: [TS-850_450_690] TS690SAT Intermittent Receive?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-04-14 00:56:09 UTC
From: Tom Osborne
Topic: 4577 Message: 4584

Hi

I have heard of cases where the antenna connector onthe TS 450/690 can come loose on the inside. You have to resolder the connection on the antenna jack. When you wiggle it, it cuts inand out. 73
Tom

> Hi Folks, I have a Kenwood TS690SAT. It appears to have an intermittent
> receive problem.
>
> On switching the set on it receives signals perfectly. After an
> indeterminate period of time everything goes quiet. You still get white
> noise and signals but they're down a good say 7 or 8 s-points, white
> noise and signals still audible but not at the same level.
>
> If you wiggle the pl259 connector it jumps back up to normal strength.
> So you'd think it was the pl259. However having changed the pl259's,
> changed antennas and changed everything you still get the same result,
> i.e. it comes back for an indeterminate amount of time and then goes
> quiet. Thinking it may have been an so239 problem I resoldered the
> connection there too but that still didn't cure the problem.
>
> Anyone else suffered the same problem with a TS450 or TS690 and how did
> you fix it?
>
> Regards,
> Gav
> GM0WDD
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> THANKS FOR USING TS-850_450_690@...
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4585. TS-85SAT New owner questions

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-04-14 01:34:45 UTC
From: Ken Bessler
Topic: 4585 Message: 4585

What is the normal SSB pep power out for a TS-850? Mine says
about 135w on the built in meter and that was verified at the store
where I bought it today by two other meters. A third meter at my
shack also says about 130w +/- 5w.

Also, is my sidetone broken? I tried everything including adjusting
the sidetone pot - nothing. I guess it's time to build a keyer? Been
looking for an excuse to do that... hehehehe

BTW my last rig was a K2 which I tested with an Elecraft XG2. The
K2 scored -141.7dbm in the mds category. I just hooked up the
XG2 to my 850 and a -107dbm signal from the XG2 was S2-3 on
the 850! It's not just a bigger s meter reading - I switched back
and forth between rigs and the 850 flat out hears better - and not
by a little bit, folks. Makes me wonder 'bout the K2 but then again
I've got a wall papered with hundreds of QSL cards from it.

I'll miss my K2 - but not soooo much, knowing how much hotter the
850 is on receive....

73's de Ken KG0WX - Kadiddlehopper #11808,
Flying Pigs #-1055, Grid EM17io,
TS-850SAT, Elecraft XG2,
Tenna Dipper, Heath GD-1B

4586. Re: [TS-850_450_690] TS-85SAT New owner questions - 1 answered!

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-04-14 02:12:43 UTC
From: Ken Bessler
Topic: 4586 Message: 4586

I found out what was up with the CW sidetone:

http://n6tr.jzap.com/sidetone.html

I wondered if someone had done this mod on my radio so
I checked the MONI control - sure enough, all the way
DOWN! Turned it up & was rewarded with a nice sidetone.

D'oh!!!

Ken KG0WX

4587. RE: [TS-850_450_690] TS690SAT Intermittent Receive?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-04-14 02:39:51 UTC
From: JamesMNelson
Topic: 4577 Message: 4587

Gav,

I have two (2) TS-690s and have seen this problem with both. It is in my option that there is a design flaw from Kenwood. There is a solid piece of wire that runs from the chasse mounted SO-238 to the filter board. On one of my TS-690s, the wire developed a cold solder joint at the SO-238. On the other, it was at the filter board. When the radio is moved around the weight of the feed line pulls on the SO-238. With this wire being solid, there is not much room for give and a lot of stress is placed on both ends where it is soldered. Once I found my problems, I replaced the solid wire with a piece of stranded. This way there is a little bit more play and I have not noticed any problems with these rigs since. Two things to note. I had to completely remove the filter board to remove/replace the wire. This was a little bit time consuming, but I think well worth it. Another thing. Take a close look at the diodes and resistors close to the output, as they may have been damaged if the radio was transmitted without an antenna. i.e. when you were not able to receive because of the broken joint, you would also not be transmitting into a stable load.

Just my two cents worth.

YMMV

james//

-----Original Message-----
From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of Tom Osborne
Sent: Thursday, April 13, 2006 7:56 PM
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] TS690SAT Intermittent Receive?

Hi

I have heard of cases where the antenna connector onthe TS 450/690 can come loose on the inside. You have to resolder the connection on the antenna jack. When you wiggle it, it cuts inand out. 73
Tom

> Hi Folks, I have a Kenwood TS690SAT. It appears to have an intermittent
> receive problem.
>
> On switching the set on it receives signals perfectly. After an
> indeterminate period of time everything goes quiet. You still get white
> noise and signals but they're down a good say 7 or 8 s-points, white
> noise and signals still audible but not at the same level.
>

> If you wiggle the pl259 connector it jumps back up to normal strength.
> So you'd think it was the pl259. However having changed the pl259's,
> changed antennas and changed everything you still get the same result,
> i.e. it comes back for an indeterminate amount of time and then goes
> quiet. Thinking it may have been an so239 problem I resoldered the
> connection there too but that still didn't cure the problem.
>
> Anyone else suffered the same problem with a TS450 or TS690 and how did
> you fix it?
>
> Regards,
> Gav
> GM0WDD
>
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>
> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
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[Non-text portions of this message have been removed]

4588. Re: TS-85SAT New owner questions

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-04-14 13:24:58 UTC
From: drensor
Topic: 4585 Message: 4588

There is an internal pot to set max output level. If it were me,
I'd dial that puppy down. I'll bet the output isn't as clean as the
radio is capable of and it isn't "free power." The previous owner
of a friend's 850 had moved it up to 125w key down. It did not look
pretty on a spectrum analyzer. It was very nice at 100 w.

The design and production target of 100w out is there for good
reason... I'm sure Kenwood wouldnt have minded aadvertising 125+w
output if they could have done so...

Love my 850 too -- and i have had a lot of different ones in last 40
years. Good luck with yours!

Doug, K8DE

--- In TS-850_450_690@yahoogroups.com, "Ken Bessler" <kg0wx@...>
wrote:
>
> What is the normal SSB pep power out for a TS-850? Mine says
> about 135w on the built in meter and that was verified at the
store
> where I bought it today by two other meters. A third meter at my
> shack also says about 130w +/- 5w.
>
> Also, is my sidetone broken? I tried everything including adjusting
> the sidetone pot - nothing. I guess it's time to build a keyer?
Been
> looking for an excuse to do that... hehehehe
>
> BTW my last rig was a K2 which I tested with an Elecraft XG2. The
> K2 scored -141.7dbm in the mds category. I just hooked up the
> XG2 to my 850 and a -107dbm signal from the XG2 was S2-3 on
> the 850! It's not just a bigger s meter reading - I switched back
> and forth between rigs and the 850 flat out hears better - and not
> by a little bit, folks. Makes me wonder 'bout the K2 but then again
> I've got a wall papered with hundreds of QSL cards from it.
>
> I'll miss my K2 - but not soooo much, knowing how much hotter the
> 850 is on receive....
>
> 73's de Ken KG0WX - Kadiddlehopper #11808,
> Flying Pigs #-1055, Grid EM17io,
> TS-850SAT, Elecraft XG2,
> Tenna Dipper, Heath GD-1B
>

4589. Re: [TS-850_450_690] Re: TS-85SAT New owner questions

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-04-14 14:38:15 UTC
From: Ken Bessler
Topic: 4585 Message: 4589

----- Original Message -----
From: "drensor" <densor@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Friday, April 14, 2006 8:24 AM
Subject: [TS-850_450_690] Re: TS-85SAT New owner questions

> There is an internal pot to set max output level. If it were me,
> I'd dial that puppy down. I'll bet the output isn't as clean as the
> radio is capable of and it isn't "free power." The previous owner
> of a friend's 850 had moved it up to 125w key down. It did not look
> pretty on a spectrum analyzer. It was very nice at 100 w.
>
> The design and production target of 100w out is there for good
> reason... I'm sure Kenwood wouldnt have minded aadvertising 125+w
> output if they could have done so...
>
> Love my 850 too -- and i have had a lot of different ones in last 40
> years. Good luck with yours!
>
> Doug, K8DE

Thanks for the input, Doug! After reading the manual (duuuh), I learned how to properly set the carrier/pwr/mic controls for a happy agc reading. I'm now only getting just above 105w and the on air reports are better.

Interesting stuff - when I built a fully loaded K2, I figured I knew a bit about radios.... Getting a new radio is always fun, esp. one that works this good!

I'll resist the urge to post a review on eHam for a few days just to make sure I don't miss a performance/feature/bug in my report. So far, I'm of the opinion that I've got a winner here.

BTW - Is there a way to tell if I have the TXCO without tearing the radio apart? The manual says some 850's came with the TXCO installed. I left the rig off all night then this morning came into the shack, fired the 850 up and immediately did a zero beat on wwv (switching from ssb to am and back). The radio was dead on freq with ZERO warm up time.

Heck - even a K2 is 80-150 hz off freq when you fire it up cold....

Ken KG0WX

4590. Re: [TS-850_450_690] Raspy and Varying Sidetone

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-04-14 14:39:41 UTC
From: John Kuklewicz N7ZN
Topic: 4573 Message: 4590

Well, I looked pretty carefully at both the CAR and the PLL boards. (Is this the 'mod' board', I find no board in the service manual called the 'mod' board?)

I see what might be a -small- disturbance to the solder mask near the 47uF/16V electrolytic on the CAR board. The other caps look fine. On the PLL board, I see nothing amiss.

Guess I will have to throw a scope on the output of IC3 and confirm that something is wrong. (This is one of those time I really wish I had a spectrum analyzer....)

BTW, I DO plan to replace these caps before I button up the rig, the recent anecdotes of leaking caps are something I do take seriously. And I would like to thank the list members who have taken the trouble to make us aware of the issue.

Thanks and best regards

John N7ZN

Anthony W. DePrato wrote:
> At 01:04 PM 4/11/2006 -0700, you wrote:
>
>>Hello,
>>
>>I recently returned from a long time away from my TS-850 and have noticed
>>some very unusual behavior of the CW sidetone.
>
> John:
> have you checked the carrier and mod boards for leaking cap's ?
> 73 Tony
>
>
>
> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
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4591. TS690SAT intermittent receive.

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-04-14 19:40:16 UTC
From: Gavin Stirling
Topic: 4591 Message: 4591

Thanks for the input folks. Will give it a go.
Regards,
Gav
GM0WDD

4592. Re: Raspy and Varying Sidetone

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-04-14 19:59:47 UTC
From: Clif
Topic: 4573 Message: 4592

Quick and easy test for a leaking SM electrolytic cap.

Put your soldering iron on either connection as if you were going to resolder it. Your nose will tell you if it has leaked real fast. Ever smell burning cat piss??

Clif

4593. Re: [TS-850_450_690] TS-85SAT New owner questions

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-04-14 20:13:14 UTC
From: Anthony W. DePrato
Topic: 4585 Message: 4593

At 08:34 PM 4/13/2006 -0500, you wrote:
>What is the normal SSB pep power out for a TS-850? all three of mine run
>about 150 into a dummy load.
>
>Also, is my sidetone broken? sidetone is adjusted by V4 pot remove
>bottom cover it is on the right back side.
>
>BTW my last rig was a K2 which I tested with an Elecraft XG2. The
>K2 scored -141.7dbm in the mds category. I just hooked up the
>XG2 to my 850 and a -107dbm signal from the XG2 was S2-3 on
>the 850! It's not just a bigger s meter reading - I switched back
>and forth between rigs and the 850 flat out hears better - and not
>by a little bit, folks. Makes me wonder 'bout the K2 but then again
>I've got a wall papered with hundreds of QSL cards from it. yes the 850
>has one of the better receiver around,.

btw be sure to look at the car and mod boards caps for black leakage. these
are the silver 16volt caps..
73 Tony

QBE ZUT DE WA4JQS

ANTHONY W. (Tony) DePrato WA4JQS EXTRA - HEAVY
Since 1962
CQ DX HALL OF FAME # 35
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VP8BZL, VP8SSI, 3Y0PI

[Non-text portions of this message have been removed]

4594. Re: [TS-850_450_690] Raspy and Varying Sidetone

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-04-14 20:22:37 UTC
From: Anthony W. DePrato
Topic: 4573 Message: 4594

John:
they are the 16 volt silver caps. on the car board and the service eng who told me about this at kenwood last year called it the mod board but i think in is the pll board. one of the guys did not see any leakage until he got a high powered glass and then he saw that they were just starting to leak. Kenwood said replace them period.

good luck
73 Tony

4595. TS-450S Need Some Help Please

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-04-14 23:30:41 UTC
From: Joel Butler
Topic: 4595 Message: 4595

Hi I have a TS-450 works fine then the audio go's out it still receives shows on the meter but just cant here it at all nothing win like this power out on ssb and am is about 10 watts fm is about 110 . win the receive comes back on go's back to full power. And it works fine then. Till it go's back out. Nothing to the speaker int or ext

4596. Re: [TS-850_450_690] TS-450S Need Some Help Please

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-04-15 01:17:34 UTC
From: Russell Blair
Topic: 4595 Message: 4596

Joel., Mine did the same thing ...if you using the
auto-tuner touch it up and see if the audio somes back
mine did. Why I dont know.

Russ NC5O

--- Joel Butler <joel1961@...> wrote:

> Hi I have a TS-450 works fine then the audio go's
> out it still receives
> shows on the meter but just cant here it at all
> nothing win like this
> power out on ssb and am is about 10 watts fm is
> about 110 . win the
> receive comes back on go's back to full power. And
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> Till it go's back out. Nothing to the speaker int or
> ext
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4597. Re: TS-450S Need Some Help Please

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-04-15 03:05:16 UTC
From: Joel Butler
Topic: 4595 Message: 4597

This Rig has no tuner in it
Joel N8UQH

--- In TS-850_450_690@yahoogroups.com, Russell Blair
<russell_blair86@...> wrote:
>
> Joel., Mine did the same thing ...if you using the
> auto-tuner touch it up and see if the audio somes back
> mine did. Why I dont know.
>
> Russ NC5O
>
> --- Joel Butler <joel1961@...> wrote:
>
> > Hi I have a TS-450 works fine then the audio go's
> > out it still receives
> > shows on the meter but just cant here it at all
> > nothing win like this
> > power out on ssb and am is about 10 watts fm is
> > about 110 . win the
> > receive comes back on go's back to full power. And
> > it works fine then.
> > Till it go's back out. Nothing to the speaker int or
> > ext
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4598. Re: TS-450S Need Some Help Please

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-04-15 13:07:35 UTC
From: max_ve3tmt
Topic: 4595 Message: 4598

--- In TS-850_450_690@yahoogroups.com, "Joel Butler" <joel1961@...> wrote:
>
> Hi I have a TS-450 works fine then the audio go's out it still receives
> shows on the meter but just cant here it at all nothing win like this
> power out on ssb and am is about 10 watts fm is about 110 . win the
> receive comes back on go's back to full power. And it works fine then.
> Till it go's back out. Nothing to the speaker int or ext
>

?????

I think you have 2 separate issues with the radio. Your audio output
has nothing to do with the RF output.

Make sure your CARRIER and output levels are both maxmum clockwise.

Check your coax connectors.

What is the audio doing through the headphone jack?

4599. Re: TS-450S Need Some Help Please

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-04-15 16:46:47 UTC
From: Clif
Topic: 4595 Message: 4599

--- In TS-850_450_690@yahoogroups.com, "Joel Butler" <joel1961@...> wrote:
>
> Hi I have a TS-450 works fine then the audio go's out it still receives
> shows on the meter but just cant here it at all nothing win like this
> power out on ssb and am is about 10 watts fm is about 110 . win the
> receive comes back on go's back to full power. And it works fine then.
> Till it go's back out. Nothing to the speaker int or ext
>

Check the carrier unit. Most likely one of the DDS chips is going out.
That's the same one that causes problems in the 850, YM6631.

Clif

4600. Re: TS-450S Need Some Help Please

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-04-15 21:41:59 UTC
From: Joel Butler
Topic: 4595 Message: 4600

where di i find this in the 450

--- In TS-850_450_690@yahoogroups.com, "Clif" <clif@...> wrote:
>
> --- In TS-850_450_690@yahoogroups.com, "Joel Butler" <joel1961@> wrote:
> >
> > Hi I have a TS-450 works fine then the audio go's out it still
receives
> > shows on the meter but just cant here it at all nothing win like this
> > power out on ssb and am is about 10 watts fm is about 110 . win the
> > receive comes back on go's back to full power. And it works fine then.
> > Till it go's back out. Nothing to the speaker int or ext
> >
>
> Check the carrier unit. Most likely one of the DDS chips is going out.
> That's the same one that causes problems in the 850, YM6631.
>
> Clif
>

4601. Re: TS-450S Need Some Help Please

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-04-15 21:44:59 UTC
From: Joel Butler
Topic: 4595 Message: 4601

win it gos there is nothing to headphone or ant thing els

--- In TS-850_450_690@yahoogroups.com, "max_ve3tmt" <max_ve3tmt@...>
wrote:
>
> --- In TS-850_450_690@yahoogroups.com, "Joel Butler" <joel1961@> wrote:
> >
> > Hi I have a TS-450 works fine then the audio go's out it still
receives
> > shows on the meter but just cant here it at all nothing win like this
> > power out on ssb and am is about 10 watts fm is about 110 . win the
> > receive comes back on go's back to full power. And it works fine then.
> > Till it go's back out. Nothing to the speaker int or ext
> >
>
> ?????
>
> I think you have 2 separate issues with the radio. Your audio output
> has nothing to do with the RF output.
>
> Make sure your CARRIER and output levels are both maxmum clockwise.
>
> Check your coax connectors.
>
> What is the audio doing through the headphone jack?
>

4602. New TS-850SAT Radio

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-04-16 14:29:16 UTC
From: James Glenn Jr
Topic: 4602 Message: 4602

Greetings to all

This will be my first posting since my approval
yesterday. I sold my Yaesu FT-897D and picked up a clean and like new
Kenwood TS-850SAT. With the FT-897D, everytime I wanted to change
something it was go to through the dozens of menus. Now dont get me
wrong, the FT-897D performed well, but was a pain in the butt to
operate. This TS-850SAT is my second HF rig. Can someone give me
any pointers. I am currently setting it up to play for the first time.

73

Jim - ke4iza

4603. Serial Number Question

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-04-16 14:35:10 UTC
From: James Glenn Jr
Topic: 4603 Message: 4603

My serial number is 21100507. Is there anyway to determine the year of manufacture?

Thanks

Jim - ke4iza

4604. Re: [TS-850_450_690] New TS-850SAT Radio

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-04-16 14:42:58 UTC
From: ve3wej
Topic: 4602 Message: 4604

Can someone give me any pointers. I am currently setting it up to play for
the first time.

Yeah read the manual hi hi

>
> 73
>
> Jim - ke4iza
>
>
>
>
>
>
> THANKS FOR USING TS-850_450_690@...
>
>
>
> SPONSORED LINKS Ham radio Craft hobby Hobby and craft supply
> Rules of the road
>
>
> ---
> YAHOO! GROUPS LINKS
>
> a.. Visit your group "TS-850_450_690" on the web.
>
> b.. To unsubscribe from this group, send an email to:
> TS-850_450_690-unsubscribe@yahoogroups.com
>
> c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.
>
>
> ---
>
>

4605. Re: [TS-850_450_690] New TS-850SAT Radio

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-04-16 14:53:50 UTC
From: Ken Bessler
Topic: 4602 Message: 4605

----- Original Message -----
From: "James Glenn Jr" <ke4iza@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Sunday, April 16, 2006 9:29 AM
Subject: [TS-850_450_690] New TS-850SAT Radio

>
> Greetings to all
>
> This will be my first posting since my approval
> yesterday. I sold my Yaesu FT-897D and picked up a clean and like new
> Kenwood TS-850SAT. With the FT-897D, everytime I wanted to change
> something it was go to through the dozens of menus. Now dont get me
> wrong, the FT-897D performed well, but was a pain in the butt to
> operate. This TS-850SAT is my second HF rig. Can someone give me
> any pointers. I am currently setting it up to play for the first time.
>
> 73
>
> Jim - ke4iza

Good morning, Jim - congrats on your purchase of a fine rig! I too am a new
owner of a TS-850SAT and I have owned 2 FT-857D's in the past. Here
are a few pointers I've picked up since Thursday:

1: Set your CAR (carrier control) to about 3 to 3.5 when autotuning - too
low
a carrier and the tuner will just sit there, chewing. Too high and you
are polluting
the band.
2: Try LF! Tune from 200-450 khz in CW mode using the M.CH/VFO.CH knob.
The TS-850SAT has an excellent LF receiver! There are many CW beacons
down there. Kinda fun to hunt 'em down...
3: Check to see if your sidetone level can be adjusted from the front panel
with
the MONI knob - it's a common mod and a nice touch.

I'll post more as I, too, learn.

Ken KG0WX

4606. Re: [TS-850_450_690] Serial Number Question

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-04-16 14:55:26 UTC
From: john kramer
Topic: 4603 Message: 4606

november 1990
----- Original Message -----
From: James Glenn Jr
To: TS-850_450_690@yahoogroups.com
Sent: Sunday, April 16, 2006 4:35 PM
Subject: [TS-850_450_690] Serial Number Question

My serial number is 21100507. Is there anyway to determine the year
of manufacture?

Thanks

Jim - ke4iza

THANKS FOR USING TS-850_450_690@...

YAHOO! GROUPS LINKS

a.. Visit your group "TS-850_450_690" on the web.

b.. To unsubscribe from this group, send an email to:
TS-850_450_690-unsubscribe@yahoogroups.com

c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

No virus found in this incoming message.
Checked by AVG Free Edition.
Version: 7.1.385 / Virus Database: 268.4.1/313 - Release Date: 2006/04/15

[Non-text portions of this message have been removed]

4607. Re: [TS-850_450_690] Serial Number Question

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-04-16 14:56:54 UTC
From: Ken Bessler
Topic: 4603 Message: 4607

That's great - can you teach us how you did that?

Ken KG0WX

----- Original Message -----
From: "john kramer" <jkramer@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Sunday, April 16, 2006 9:55 AM
Subject: Re: [TS-850_450_690] Serial Number Question

> november 1990

4608. Re: [TS-850_450_690] Serial Number Question

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-04-16 14:58:56 UTC
From: Amateur Radio KE4IZA
Topic: 4603 Message: 4608

Thanks
----- Original Message -----
From: john kramer
To: TS-850_450_690@yahoogroups.com
Sent: Sunday, April 16, 2006 10:55 AM
Subject: Re: [TS-850_450_690] Serial Number Question

november 1990
----- Original Message -----
From: James Glenn Jr
To: TS-850_450_690@yahoogroups.com
Sent: Sunday, April 16, 2006 4:35 PM
Subject: [TS-850_450_690] Serial Number Question

My serial number is 21100507. Is there anyway to determine the year
of manufacture?

Thanks

Jim - ke4iza

THANKS FOR USING TS-850_450_690@...

YAHOO! GROUPS LINKS

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b.. To unsubscribe from this group, send an email to:
TS-850_450_690-unsubscribe@yahoogroups.com

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No virus found in this incoming message.
Checked by AVG Free Edition.
Version: 7.1.385 / Virus Database: 268.4.1/313 - Release Date: 2006/04/15

[Non-text portions of this message have been removed]

THANKS FOR USING TS-850_450_690@...

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[Non-text portions of this message have been removed]

4609. Re: [TS-850_450_690] Serial Number Question

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-04-16 15:00:57 UTC
From: Allen Turner
Topic: 4603 Message: 4609

Hi Jim, if you ?2 from the first # in serial # it = year made, i.e. 80000000 ?2 = 1996.

Al, n7ioh

On Apr 16, 2006, at 7:35 AM, James Glenn Jr wrote:

> My serial number is 21100507. Is there anyway to determine the year
> of manufacture?
>
> Thanks
>
> Jim - ke4iza
>
>
>
>
>
> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
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>
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>
>

[Non-text portions of this message have been removed]

4610. Re: [TS-850_450_690] Serial Number Question

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-04-16 15:04:10 UTC
From: john kramer
Topic: 4603 Message: 4610

first digit (in your case 2) subtract 2 - makes it "0" is the year ie. 1990
second and third digit is the month of manufacture - ie 11 is november

dont ask me why Kenwood adds a factor of "2" to the year of manufacture,
that just how they do it.

have fun with your 850, its one of the best used radios out there, and better
than a lot of currently new rigs

73
John ZS5J

----- Original Message -----
From: Ken Bessler
To: TS-850_450_690@yahoogroups.com
Sent: Sunday, April 16, 2006 4:56 PM
Subject: Re: [TS-850_450_690] Serial Number Question

That's great - can you teach us how you did that?

Ken KG0WX

----- Original Message -----
From: "john kramer" <jkramer@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Sunday, April 16, 2006 9:55 AM
Subject: Re: [TS-850_450_690] Serial Number Question

> november 1990

THANKS FOR USING TS-850_450_690@...

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c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

No virus found in this incoming message.
Checked by AVG Free Edition.
Version: 7.1.385 / Virus Database: 268.4.1/313 - Release Date: 2006/04/15

[Non-text portions of this message have been removed]

4611. TS-850SAT

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-04-16 20:15:34 UTC
From: James Glenn Jr
Topic: 1009 Message: 4611

I purchased a TS-850SAT yesterday from AES Cleveland. They assured me that they DO NOT sell modified equipment. Before I call them and raise hell can someone please tell me what this radio is suppose to transmit on from 10m~160m? On 20m I can transmit on 14.499.99 and I know this is not legal. I fear I have bought a modified rig.

Jim - ke4iza

4612. Re: [TS-850_450_690] TS-850SAT

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-04-16 20:22:20 UTC
From: ve3wej
Topic: 1009 Message: 4612

Is it they do not sell it, or they do not modify themself, or they dont knowingly....If you have all the mods, concider yourself lucky not have to pay extra for it.... you can always resolder the diode..

Dave Garber

VE3WEJ/VE3IE
----- Original Message -----
From: "James Glenn Jr" <ke4iza@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Sunday, April 16, 2006 4:15 PM
Subject: [TS-850_450_690] TS-850SAT

> I purchased a TS-850SAT yesterday from AES Cleveland. They assured
> me that they DO NOT sell modified equipment. Before I call them and
> raise hell can someone please tell me what this radio is suppose to
> transmit on from 10m~160m? On 20m I can transmit on 14.499.99 and I
> know this is not legal. I fear I have bought a modified rig.
>
> Jim - ke4iza
>
>
>
>
>
>
> THANKS FOR USING TS-850_450_690@...
>
>
>
> --
> YAHOO! GROUPS LINKS
>
> a.. Visit your group "TS-850_450_690" on the web.
>
> b.. To unsubscribe from this group, send an email to:
> TS-850_450_690-unsubscribe@yahoogroups.com
>
> c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.
>
>
> --
>
>

4613. Re: [TS-850_450_690] TS-850SAT

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-04-16 20:23:14 UTC
From: Paul Erickson
Topic: 1009 Message: 4613

James Glenn Jr wrote:

> I purchased a TS-850SAT yesterday from AES Cleveland. They assured
>me that they DO NOT sell modified equipment. Before I call them and
>raise hell can someone please tell me what this radio is suppose to
>transmit on from 10m~160m? On 20m I can transmit on 14.499.99 and I
>know this is not legal. I fear I have bought a modified rig.
>
>Jim - ke4iza
>
>
>
Hi Jim,

Sounds like it has been MARS enabled, which is legal for MARS operators.

Unless it is not functioning properly, I'm not sure this is something to
raise hell about...

--
---
cheers, Paul - VA7NT - email: va7nt@telus.net

"Those who hear not the music, think the dancers mad."

“Tolerance becomes a crime when applied to evil.” - Thomas Mann

"That state which separates it's warriors from it's scholars will have it's thinking done
by cowards and fighting done by fools" - Thucydides - The Pelopenisia

4614. Re: [TS-850_450_690] TS-850SAT

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-04-16 20:31:34 UTC
From: Allen Turner
Topic: 1009 Message: 4614

If you want to operate on 60 meters you would need this mod done so
it is not just a CAP mod now.

Al, n7ioh

On Apr 16, 2006, at 1:23 PM, Paul Erickson wrote:

> James Glenn Jr wrote:
>
>> I purchased a TS-850SAT yesterday from AES Cleveland. They assured
>> me that they DO NOT sell modified equipment. Before I call them and
>> raise hell can someone please tell me what this radio is suppose to
>> transmit on from 10m~160m? On 20m I can transmit on 14.499.99 and I
>> know this is not legal. I fear I have bought a modified rig.
>>
>> Jim - ke4iza
>>
>>
>>
> Hi Jim,
>
> Sounds like it has been MARS enabled, which is legal for MARS
> operators.
>
> Unless it is not functioning properly, I'm not sure this is
> something to
> raise hell about...
>
> --
> ---
> cheers, Paul - VA7NT - email: va7nt@...
>
> "Those who hear not the music, think the dancers mad."
>
> “Tolerance becomes a crime when applied to evil.” - Thomas Mann
>
> "That state which separates it's warriors from it's scholars will
> have it's thinking done by cowards and fighting done by fools" -
> Thucydides - The Pelopenisia
>
>
>
>
>
> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links

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>

4615. Re: TS-850SAT

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-04-16 20:31:00 UTC
From: James Glenn Jr
Topic: 1009 Message: 4615

This is NOT the point. I ask the saleman up front if the radio was
modifed and was told they do not accept modified equipment in trade.
I expected a radio as the factory made it, I paid for the radio with
this expectation and a factory radio is what I want. I guess I am
going to have a big fight with AES over this. They did tell me I had
a 10 day try out period. It IS GOING BACK for a refund of my $$$.
Maybe you think me nuts but I NEVER modify my equipment in anyway, EVER.

Jim - ke4iza

--- In TS-850_450_690@yahoogroups.com, Paul Erickson <va7nt@...> wrote:
>
> James Glenn Jr wrote:
>
> > I purchased a TS-850SAT yesterday from AES Cleveland. They assured
> >me that they DO NOT sell modified equipment. Before I call them and
> >raise hell can someone please tell me what this radio is suppose to
> >transmit on from 10m~160m? On 20m I can transmit on 14.499.99 and I
> >know this is not legal. I fear I have bought a modified rig.
> >
> >Jim - ke4iza
> >
> >
> >
> Hi Jim,
>
> Sounds like it has been MARS enabled, which is legal for MARS operators.
>
> Unless it is not functioning properly, I'm not sure this is
something to
> raise hell about...
>
> --
> ---
> cheers, Paul - VA7NT - email: va7nt@...
>
> "Those who hear not the music, think the dancers mad."
>
> "Tolerance becomes a crime when applied to evil." - Thomas Mann
>
> "That state which separates it's warriors from it's scholars will
have it's thinking done by cowards and fighting done by fools" -
Thucydides - The Pelopenisia
>

4616. TS-850SAT Mod

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-04-16 20:38:42 UTC
From: James Glenn Jr
Topic: 4616 Message: 4616

How do I know if all I have is the MARS mod. What is the results of a MARS mod? Freq's ....

4618. Re: [TS-850_450_690] Re: TS-850SAT

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-04-16 21:54:56 UTC
From: Tom Osborne
Topic: 1009 Message: 4618

Hi Jim

Would be a good way to get on 60 meters. I have been thinking of doing the mod on my TS-450SAT so I can get on 60 meters. Wish it would have been done before I bought it, save me some hassle. 73
Tom W7WHY

> This is NOT the point. I ask the saleman up front if the radio was
> modifed and was told they do not accept modified equipment in trade.
> I expected a radio as the factory made it, I paid for the radio with
> this expectation and a factory radio is what I want. I guess I am
> going to have a big fight with AES over this. They did tell me I had
> a 10 day try out period. It IS GOING BACK for a refund of my $$$.
> Maybe you think me nuts but I NEVER modify my equipment in anyway, EVER.
>
> Jim - ke4iza
>
>
>
>
>
>
>
>
>
>
>
> --- In TS-850_450_690@yahoogroups.com, Paul Erickson <va7nt@...> wrote:
>>
>> James Glenn Jr wrote:
>>
>> > I purchased a TS-850SAT yesterday from AES Cleveland. They assured
>> >me that they DO NOT sell modified equipment. Before I call them and
>> >raise hell can someone please tell me what this radio is suppose to
>> >transmit on from 10m~160m? On 20m I can transmit on 14.499.99 and I
>> >know this is not legal. I fear I have bought a modified rig.
>> >
>> >Jim - ke4iza
>> >
>> >
>> >
>> Hi Jim,
>>
>> Sounds like it has been MARS enabled, which is legal for MARS operators.
>>

>> Unless it is not functioning properly, I'm not sure this is
> something to
>> raise hell about...
>>
>> --
>> ---
>> cheers, Paul - VA7NT - email: va7nt@...
>>
>> "Those who hear not the music, think the dancers mad."
>>
>> "Tolerance becomes a crime when applied to evil." - Thomas Mann
>>
>> "That state which separates it's warriors from it's scholars will
> have it's thinking done by cowards and fighting done by fools" -
> Thucydides - The Pelopenisia
>>
>
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>
> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
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4619. Re: TS-850SAT

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-04-16 22:33:58 UTC
From: max_ve3tmt
Topic: 1009 Message: 4619

--- In TS-850_450_690@yahoogroups.com, "James Glenn Jr" <ke4iza@...>
wrote:
>
> This is NOT the point. I ask the saleman up front if the radio was
> modifed and was told they do not accept modified equipment in trade.
> I expected a radio as the factory made it, I paid for the radio with
> this expectation and a factory radio is what I want. I guess I am
> going to have a big fight with AES over this. They did tell me I had
> a 10 day try out period. It IS GOING BACK for a refund of my $$$.
> Maybe you think me nuts but I NEVER modify my equipment in anyway, EVER.
>
> Jim - ke4iza
>

Jim,

If that is how you feel I suggest you return the radio. As another member said, you have save yourself some money if you ever intend to operate on 60m.

That being said, I consider this topic closed and any further messages relating to it will be deleted.

Max

4620. Re: [TS-850_450_690] Re: TS-850SAT

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-04-17 02:47:44 UTC
From: Zack Widup
Topic: 1009 Message: 4620

Well, to determine if it was modified you'd have to open it up to see if the appropriate diode was clipped, unsoldered or removed.

When I modified mine, I just lifted one end of the diode so I could simply solder it back when I want to sell it (if that day ever comes, which is unlikely!) :-)

73, Zack W9SZ

On Sun, 16 Apr 2006, James Glenn Jr wrote:

> This is NOT the point. I ask the saleman up front if the radio was
> modifed and was told they do not accept modified equipment in trade.
> I expected a radio as the factory made it, I paid for the radio with
> this expectation and a factory radio is what I want. I guess I am
> going to have a big fight with AES over this. They did tell me I had
> a 10 day try out period. It IS GOING BACK for a refund of my $$$.
> Maybe you think me nuts but I NEVER modify my equipment in anyway, EVER.
>
> Jim - ke4iza
>

4621. Re: [TS-850_450_690] Re: TS-850SAT

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-04-17 03:01:35 UTC
From: Alan Riley
Topic: 1009 Message: 4621

Jim,

To ease your mind a bit, I bought my TS-850SAT new and it will also transmit on 14.49999. It will, however, drop out at 14.50000. Mine has no modifications at all.

Alan, KD5R

----- Original Message -----
From: James Glenn Jr
To: TS-850_450_690@yahoogroups.com
Sent: Sunday, April 16, 2006 3:31 PM
Subject: [TS-850_450_690] Re: TS-850SAT

This is NOT the point. I ask the saleman up front if the radio was modifed and was told they do not accept modified equipment in trade. I expected a radio as the factory made it, I paid for the radio with this expectation and a factory radio is what I want. I guess I am going to have a big fight with AES over this. They did tell me I had a 10 day try out period. It IS GOING BACK for a refund of my $$$. Maybe you think me nuts but I NEVER modify my equipment in anyway, EVER.

Jim - ke4iza

--- In TS-850_450_690@yahoogroups.com, Paul Erickson <va7nt@...> wrote:
>
> James Glenn Jr wrote:
>
> > I purchased a TS-850SAT yesterday from AES Cleveland. They assured
> >me that they DO NOT sell modified equipment. Before I call them and
> >raise hell can someone please tell me what this radio is suppose to
> >transmit on from 10m~160m? On 20m I can transmit on 14.499.99 and I
> >know this is not legal. I fear I have bought a modified rig.
> >
> >Jim - ke4iza
> >
> >
> >
> Hi Jim,
>
> Sounds like it has been MARS enabled, which is legal for MARS operators.
>
> Unless it is not functioning properly, I'm not sure this is
something to
> raise hell about...
>

> --
> --
> cheers, Paul - VA7NT - email: va7nt@...
>
> "Those who hear not the music, think the dancers mad."
>
> "Tolerance becomes a crime when applied to evil." - Thomas Mann
>
> "That state which separates it's warriors from it's scholars will
have it's thinking done by cowards and fighting done by fools" -
Thucydides - The Pelopenisia
>

THANKS FOR USING TS-850_450_690@...

YAHOO! GROUPS LINKS

a.. Visit your group "TS-850_450_690" on the web.

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[Non-text portions of this message have been removed]

4622. Re: [TS-850_450_690] Re: TS-850SAT

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-04-17 04:24:51 UTC
From: John
Topic: 1009 Message: 4622

If you are not happy about the simple mod - go ahead and
take it back Jim.....I will contact AES and happily purchase
that 850 when it gets back to the store. You are letting go
of a gem here, but thats okay with me :-)

73

----- Original Message -----
From: James Glenn Jr
To: TS-850_450_690@yahoogroups.com
Sent: Sunday, April 16, 2006 10:31 PM
Subject: [TS-850_450_690] Re: TS-850SAT

This is NOT the point. I ask the saleman up front if the radio was
modifed and was told they do not accept modified equipment in trade.
I expected a radio as the factory made it, I paid for the radio with
this expectation and a factory radio is what I want. I guess I am
going to have a big fight with AES over this. They did tell me I had
a 10 day try out period. It IS GOING BACK for a refund of my $$$.
Maybe you think me nuts but I NEVER modify my equipment in anyway, EVER.

Jim - ke4iza

--- In TS-850_450_690@yahoogroups.com, Paul Erickson <va7nt@...> wrote:
>
> James Glenn Jr wrote:
>
> > I purchased a TS-850SAT yesterday from AES Cleveland. They assured
> >me that they DO NOT sell modified equipment. Before I call them and
> >raise hell can someone please tell me what this radio is suppose to
> >transmit on from 10m~160m? On 20m I can transmit on 14.499.99 and I
> >know this is not legal. I fear I have bought a modified rig.
> >
> >Jim - ke4iza
> >
> >
> >
> Hi Jim,
>
> Sounds like it has been MARS enabled, which is legal for MARS operators.
>
> Unless it is not functioning properly, I'm not sure this is
something to
> raise hell about...
>
> --

> ----------
> cheers, Paul - VA7NT - email: va7nt@...
>
> "Those who hear not the music, think the dancers mad."
>
> "Tolerance becomes a crime when applied to evil." - Thomas Mann
>
> "That state which separates it's warriors from it's scholars will
have it's thinking done by cowards and fighting done by fools" -
Thucydides - The Pelopenisia
>

THANKS FOR USING TS-850_450_690@...

YAHOO! GROUPS LINKS

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No virus found in this incoming message.
Checked by AVG Free Edition.
Version: 7.1.385 / Virus Database: 268.4.1/313 - Release Date: 4/15/2006

[Non-text portions of this message have been removed]

4623. Re: [TS-850_450_690] Re: TS-850SAT

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-04-17 05:52:12 UTC
From: Amateur Radio KE4IZA
Topic: 1009 Message: 4623

Which diode is it and where is it?

Thanks
----- Original Message -----
From: Zack Widup
To: TS-850_450_690@yahoogroups.com
Sent: Sunday, April 16, 2006 10:47 PM
Subject: Re: [TS-850_450_690] Re: TS-850SAT

Well, to determine if it was modified you'd have to open it up to see if
the appropriate diode was clipped, unsoldered or removed.

When I modified mine, I just lifted one end of the diode so I could simply
solder it back when I want to sell it (if that day ever comes, which is
unlikely!) :-)

73, Zack W9SZ

On Sun, 16 Apr 2006, James Glenn Jr wrote:

> This is NOT the point. I ask the saleman up front if the radio was
> modifed and was told they do not accept modified equipment in trade.
> I expected a radio as the factory made it, I paid for the radio with
> this expectation and a factory radio is what I want. I guess I am
> going to have a big fight with AES over this. They did tell me I had
> a 10 day try out period. It IS GOING BACK for a refund of my $$$.
> Maybe you think me nuts but I NEVER modify my equipment in anyway, EVER.
>
> Jim - ke4iza
>

THANKS FOR USING TS-850_450_690@...

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[Non-text portions of this message have been removed]

4624. Re: [TS-850_450_690] Re: TS-850SAT

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-04-17 05:51:30 UTC
From: Amateur Radio KE4IZA
Topic: 1009 Message: 4624

John

Maybe I am making a mistake by returning this. I have already had several outright offers to buy the rig if I did not want it. Was the TS-850 that good. It seems to be a really hot item.
----- Original Message -----
From: John
To: TS-850_450_690@yahoogroups.com
Sent: Monday, April 17, 2006 12:24 AM
Subject: Re: [TS-850_450_690] Re: TS-850SAT

If you are not happy about the simple mod - go ahead and
take it back Jim.....I will contact AES and happily purchase
that 850 when it gets back to the store. You are letting go
of a gem here, but thats okay with me :-)

73

----- Original Message -----
From: James Glenn Jr
To: TS-850_450_690@yahoogroups.com
Sent: Sunday, April 16, 2006 10:31 PM
Subject: [TS-850_450_690] Re: TS-850SAT

This is NOT the point. I ask the saleman up front if the radio was
modifed and was told they do not accept modified equipment in trade.
I expected a radio as the factory made it, I paid for the radio with
this expectation and a factory radio is what I want. I guess I am
going to have a big fight with AES over this. They did tell me I had
a 10 day try out period. It IS GOING BACK for a refund of my $$$.
Maybe you think me nuts but I NEVER modify my equipment in anyway, EVER.

Jim - ke4iza

--- In TS-850_450_690@yahoogroups.com, Paul Erickson <va7nt@...> wrote:
>
> James Glenn Jr wrote:
>
> > I purchased a TS-850SAT yesterday from AES Cleveland. They assured
> >me that they DO NOT sell modified equipment. Before I call them and
> >raise hell can someone please tell me what this radio is suppose to
> >transmit on from 10m~160m? On 20m I can transmit on 14.499.99 and I
> >know this is not legal. I fear I have bought a modified rig.
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> >Jim - ke4iza
> >
> >

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> Hi Jim,
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> Sounds like it has been MARS enabled, which is legal for MARS operators.
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> Unless it is not functioning properly, I'm not sure this is
something to
> raise hell about...
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> ---
> cheers, Paul - VA7NT - email: va7nt@...
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> "Those who hear not the music, think the dancers mad."
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> "That state which separates it's warriors from it's scholars will
have it's thinking done by cowards and fighting done by fools" -
Thucydides - The Pelopenisia
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THANKS FOR USING TS-850_450_690@...

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Version: 7.1.385 / Virus Database: 268.4.1/313 - Release Date: 4/15/2006

[Non-text portions of this message have been removed]

THANKS FOR USING TS-850_450_690@...

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[Non-text portions of this message have been removed]

4625. Re: [TS-850_450_690] Re: TS-850SAT

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-04-17 05:49:58 UTC
From: Amateur Radio KE4IZA
Topic: 1009 Message: 4625

Alan

This is what I have been told by several people. The new rigs today only transmit in the exact ham bands. Did rigs of old not have to adhere to the ham bands?
----- Original Message -----
From: Alan Riley
To: TS-850_450_690@yahoogroups.com
Sent: Sunday, April 16, 2006 11:01 PM
Subject: Re: [TS-850_450_690] Re: TS-850SAT

Jim,

To ease your mind a bit, I bought my TS-850SAT new and it will also transmit
on 14.49999. It will, however, drop out at 14.50000. Mine has no modifications
at all.

Alan, KD5R

----- Original Message -----
From: James Glenn Jr
To: TS-850_450_690@yahoogroups.com
Sent: Sunday, April 16, 2006 3:31 PM
Subject: [TS-850_450_690] Re: TS-850SAT

This is NOT the point. I ask the saleman up front if the radio was
modifed and was told they do not accept modified equipment in trade.
I expected a radio as the factory made it, I paid for the radio with
this expectation and a factory radio is what I want. I guess I am
going to have a big fight with AES over this. They did tell me I had
a 10 day try out period. It IS GOING BACK for a refund of my $$$.
Maybe you think me nuts but I NEVER modify my equipment in anyway, EVER.

Jim - ke4iza

--- In TS-850_450_690@yahoogroups.com, Paul Erickson <va7nt@...> wrote:
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> James Glenn Jr wrote:
>
> > I purchased a TS-850SAT yesterday from AES Cleveland. They assured
> >me that they DO NOT sell modified equipment. Before I call them and
> >raise hell can someone please tell me what this radio is suppose to
> >transmit on from 10m~160m? On 20m I can transmit on 14.499.99 and I
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> >Jim - ke4iza
> >
> >

> >
> Hi Jim,
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> Unless it is not functioning properly, I'm not sure this is
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> cheers, Paul - VA7NT - email: va7nt@...
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> "Those who hear not the music, think the dancers mad."
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THANKS FOR USING TS-850_450_690@...

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[Non-text portions of this message have been removed]

THANKS FOR USING TS-850_450_690@...

YAHOO! GROUPS LINKS

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[Non-text portions of this message have been removed]

4626. Re: Low output on 17m and above

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-04-17 09:34:10 UTC
From: dm4dx
Topic: 4567 Message: 4626

Hello Cliff,

I tried, D31 seems to be good. But there are several D's that behave a little strange. For eg. D30 shows 240/240 on both sides. I read in the group that some diodes are designed by kenwood that way that they should act like the thing mentioned above. Now I'm confused.
Another thing I found out about my problem: The power decreases if I go higher than 20.999.99 MHz. At 20.999.99 MHz it has 90W on 21.000.00 it decreases to 40Watts. May be thta helps to solve the probelm?

regards,
Chris

> If D31 were bad it's wouldn't work. You probably have shorted diodes
> in the RF filter unit. These are the diodes the '145 feeds. Use an
> ohmmeter to check the diodes.
>
> You really need a service manual find find all the diodes.
>
> Clif
>

4627. Re: [TS-850_450_690] Re: TS-850SAT

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-04-17 10:29:23 UTC
From: John
Topic: 1009 Message: 4627

Jim

Yes, it really is that good. I have one here that I have kept
since new, and would love to have a second one. I have
newer, more expensive DSP radios here, but I prefer to
use the 850 - I have the FT-1000 MKV field, TS-2000,
IC-746 PRO......but the 850 would be the last one that
I would sell, if I ever had to sell any equipment here.

73
John ZS5J

----- Original Message -----
From: Amateur Radio KE4IZA
To: TS-850_450_690@yahoogroups.com
Sent: Monday, April 17, 2006 7:51 AM
Subject: Re: [TS-850_450_690] Re: TS-850SAT

John

Maybe I am making a mistake by returning this. I have already had several outright offers to buy the rig if I did not want it. Was the TS-850 that good. It seems to be a really hot item.
----- Original Message -----
From: John
To: TS-850_450_690@yahoogroups.com
Sent: Monday, April 17, 2006 12:24 AM
Subject: Re: [TS-850_450_690] Re: TS-850SAT

If you are not happy about the simple mod - go ahead and
take it back Jim.....I will contact AES and happily purchase
that 850 when it gets back to the store. You are letting go
of a gem here, but thats okay with me :-)

73

[Non-text portions of this message have been removed]

4628. Re: TS-850SAT

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-04-17 12:22:12 UTC
From: max_ve3tmt
Topic: 1009 Message: 4628

--- In TS-850_450_690@yahoogroups.com, "John" <jkramer@...> wrote:
>
> Jim
>
> Yes, it really is that good. I have one here that I have kept
> since new, and would love to have a second one. I have
> newer, more expensive DSP radios here, but I prefer to
> use the 850 - I have the FT-1000 MKV field, TS-2000,
> IC-746 PRO......but the 850 would be the last one that
> I would sell, if I ever had to sell any equipment here.
>
> 73
> John ZS5J

I agree John,

I have had many of the newer DSP rigs across my desk too, and always come back to the 850. With the mods done, it is a super rig. Many features you can't find on the newer rigs today.

Max

4629. TX frequency error (TS-690)

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-04-17 12:50:47 UTC
From: oz1cjx
Topic: 4629 Message: 4629

Hello group
I have been trying to repair a TS-690SAT for a friend.
The receiver works fine but the transmitter is off frequency in a
quite strange way.
From 0 to 75 kHz (At the dial) from the bottom of each 500 kHz segment
the TX frequency is around .073-74 kHz and when the dial exceeds .075
the TX frequency jumps to about .698 kHz above the segment start. I
can measure the sudden change in frequency at the output of DDS IC1 on
the CARrier board. (About L3-L4)
The reason might be a broken connection (Missing bit) between IC1 and
the DAC chips CP1 and CP2, but I imagine that this would affect the RX
frequency also?

Any experience/suggestions?

TIA es 73
Lars / OZ1CJX

4630. Re: [TS-850_450_690] Re: TS-850SAT

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-04-17 13:15:39 UTC
From: Ken Bessler
Topic: 1009 Message: 4630

----- Original Message -----
From: "John" <jkramer@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Monday, April 17, 2006 5:29 AM
Subject: Re: [TS-850_450_690] Re: TS-850SAT

> Jim
>
> Yes, it really is that good. I have one here that I have kept
> since new, and would love to have a second one. I have
> newer, more expensive DSP radios here, but I prefer to
> use the 850 - I have the FT-1000 MKV field, TS-2000,
> IC-746 PRO......but the 850 would be the last one that
> I would sell, if I ever had to sell any equipment here.
>
> 73
> John ZS5J
>

I have to second John's opinion! I've owned a TS130S, FT-ONE,
Triton IV, FT-101B, E, EE, ZD, FT-107M, IC706MKII, TS2000X,
FT-817 (with the BHI dsp), 2x FT857D's and lastly, Elecraft K2 #4913.

Of the above list, the FT-ONE is missed the most. I sold the K2
last week to finance the purchase of my FT-850SAT. If you came
and offered me a FT-ONE AND my fully loaded K2 back in
exchange for my 850, I'd probably think for a few seconds then say
"no thanks".

Am I nuts? No, I realize that the above deal is a great one but it
has 1 flaw - it means giving up my TS-850SAT! Sure, I could sell
the other radios but from what I've seen, replacing the 850 would
be a real bear. I've made that mistake once (FT-ONE).

Yep, the TS-850SAT is that good. Wanna see how good? Wait
for a contest weekend then tune in a pileup on 40m cw. Now go
500 (yes 500) hz below the madness and play with the slope tune
function. That'll convince you.

There's a guy on eBay selling a 850 with dsp for $1,200 right now
and I think the only reason he has no bids is that 1) the radio is
heavily modified for HiFi SSB and 2) people are waiting till the
auction is close to ending so they can snipe the bid.

IMHO if you sell or return your 850, you'll regret it. 'nuff said?

Ken KG0WX

4631. Re: [TS-850_450_690] Re: TS-850SAT

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-04-17 14:26:06 UTC
From: Alan Riley
Topic: 1009 Message: 4631

Jim, I just checked the transmit frequency ranges of my unmodified
TS-850, s/n 30600519. They are as follows:

160M 1.70501- 1.99999 MHz
80M 3.00000- 3.99999
40M 6.50000- 7.49999
30M 10.00000-10.49999
20M 13.50000-14.49999
17M 18.00000-18.99999
15M 20.50000-21.49999
12M 24.00000-24.99999
10M 27.50000-30.00000

In contrast, my backup rig, which HAS been modified (by a previous owner),
is an Icom IC-726. It will transmit on ANY frequency from1.60000 to
33.00000 MHz as well as 50.00000 - 54.00000 MHz.

Alan, KD5R

----- Original Message -----
From: Amateur Radio KE4IZA
To: TS-850_450_690@yahoogroups.com
Sent: Monday, April 17, 2006 12:49 AM
Subject: Re: [TS-850_450_690] Re: TS-850SAT

Alan

This is what I have been told by several people. The new rigs today only transmit in the exact ham bands. Did rigs of old not have to adhere to the ham bands?
----- Original Message -----
From: Alan Riley
To: TS-850_450_690@yahoogroups.com
Sent: Sunday, April 16, 2006 11:01 PM
Subject: Re: [TS-850_450_690] Re: TS-850SAT

Jim,

To ease your mind a bit, I bought my TS-850SAT new and it will also transmit
on 14.49999. It will, however, drop out at 14.50000. Mine has no modifications
at all.

Alan, KD5R

----- Original Message -----
From: James Glenn Jr
To: TS-850_450_690@yahoogroups.com
Sent: Sunday, April 16, 2006 3:31 PM

Subject: [TS-850_450_690] Re: TS-850SAT

This is NOT the point. I ask the saleman up front if the radio was
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Maybe you think me nuts but I NEVER modify my equipment in anyway, EVER.

Jim - ke4iza

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> James Glenn Jr wrote:
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> > I purchased a TS-850SAT yesterday from AES Cleveland. They assured
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> Hi Jim,
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THANKS FOR USING TS-850_450_690@...

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[Non-text portions of this message have been removed]

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[Non-text portions of this message have been removed]

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[Non-text portions of this message have been removed]

4632. Re: [TS-850_450_690] TS-850SAT

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-04-17 15:12:21 UTC
From: Nik Read
Topic: 1009 Message: 4632

My unmodified TS850 s/n 2*******? transmitted only within the UK (region 1) bandplans..
I recently took the plunge and snipped one leg of the diode as I wanted the extra
100khz of 7mhz (7.100 - 7.200) that we were given here in the UK.
I did not want the rig to have wide tx but had no option.

Nik M5DND

-------Original Message-------

Jim, I just checked the transmit frequency ranges of my unmodified TS-850, s/n 30600519. They are as follows:

160M 1.70501- 1.99999 MHz
80M 3.00000- 3.99999
40M 6.50000- 7.49999
30M 10.00000-10.49999
20M 13.50000-14.49999
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15M 20.50000-21.49999
12M 24.00000-24.99999
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In contrast, my backup rig, which HAS been modified (by a previous owner), is an Icom IC-726. It will transmit on ANY frequency from1.60000 to 33.00000 MHz as well as 50.00000 - 54.00000 MHz.

Alan, KD5R

----- Original Message -----
From: Amateur Radio KE4IZA
To: TS-850_450_690@yahoogroups.com
Sent: Monday, April 17, 2006 12:49 AM
Subject: Re: [TS-850_450_690] Re: TS-850SAT

Alan

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From: Alan Riley
To: TS-850_450_690@yahoogroups.com
Sent: Sunday, April 16, 2006 11:01 PM
Subject: Re: [TS-850_450_690] Re: TS-850SAT

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Sent: Sunday, April 16, 2006 3:31 PM
Subject: [TS-850_450_690] Re: TS-850SAT

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> James Glenn Jr wrote:
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>
> "That state which separates it's warriors from it's scholars will
have it's thinking done by cowards and fighting done by fools" -
Thucydides - The Pelopenisia
>

THANKS FOR USING TS-850_450_690@...

YAHOO! GROUPS LINKS

a.. Visit your group "TS-850_450_690" on the web.

b.. To unsubscribe from this group, send an email to:
TS-850_450_690-unsubscribe@yahoogroups.com

c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

[Non-text portions of this message have been removed]

THANKS FOR USING TS-850_450_690@...

YAHOO! GROUPS LINKS

a.. Visit your group "TS-850_450_690" on the web.

b.. To unsubscribe from this group, send an email to:
TS-850_450_690-unsubscribe@yahoogroups.com

c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

[Non-text portions of this message have been removed]

THANKS FOR USING TS-850_450_690@...

YAHOO! GROUPS LINKS

a.. Visit your group "TS-850_450_690" on the web.

b.. To unsubscribe from this group, send an email to:
TS-850_450_690-unsubscribe@yahoogroups.com

c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

[Non-text portions of this message have been removed]

THANKS FOR USING TS-850_450_690@...
Yahoo! Groups Links

--
No virus found in this incoming message.
Checked by AVG Free Edition.
Version: 7.1.385 / Virus Database: 268.4.2/314 - Release Date: 16/04/06

--
No virus found in this outgoing message.
Checked by AVG Free Edition.
Version: 7.1.385 / Virus Database: 268.4.2/314 - Release Date: 16/04/06

4633. Re: [TS-850_450_690] Re: TS-850SAT

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-04-17 14:28:38 UTC
From: Zack Widup
Topic: 1009 Message: 4633

I thought this was in the group files, but I guess not.

On the TS-850, you actually need to move a diode. To do the mod, take off D11 on the digital board behind the front panel and put it in the position of D9 (which should be blank if the mod has not been done).

I also did the mod on my TS-440 which involved just removing a diode. I had the TS-440 confused with the TS-850. The 850 uses surface-mount parts.

IF you are going to perk up the rig with mods, I'd recommend two others. One is to move the jumpers to bypass the AM broadcast band filters (why they put those in I don't know) and also do the noise blanker mod, which is in the group files.

The rig is already a superb performer but if you like to do some BCB DX'ing also, bypassing those filters really helps. The NB mod really perks up the blanker. And if you want to work 60 meters and have an oddball transverter that uses a strange IF like I do (26 MHz) the all-band transmit comes in handy.

I think most hams are responsible enough not to transmit out-of-band illegally after doing this mod.

73, Zack W9SZ

On Mon, 17 Apr 2006, Amateur Radio KE4IZA wrote:

> Which diode is it and where is it?
>
> Thanks
> ----- Original Message -----
> From: Zack Widup
> To: TS-850_450_690@yahoogroups.com
> Sent: Sunday, April 16, 2006 10:47 PM
> Subject: Re: [TS-850_450_690] Re: TS-850SAT
>
>
>
> Well, to determine if it was modified you'd have to open it up to see if
> the appropriate diode was clipped, unsoldered or removed.
>
> When I modified mine, I just lifted one end of the diode so I could simply
> solder it back when I want to sell it (if that day ever comes, which is
> unlikely!) :-)
>
> 73, Zack W9SZ

>

4634. Re: [TS-850_450_690] Re: TS-850SAT

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-04-17 14:33:22 UTC
From: Zack Widup
Topic: 1009 Message: 4634

On Mon, 17 Apr 2006, Amateur Radio KE4IZA wrote:

> John
>
> Maybe I am making a mistake by returning this. I have already had
> several outright offers to buy the rig if I did not want it. Was the
> TS-850 that good. It seems to be a really hot item.

Dern tootin', it's an excellent rig. The receiver rivals anything being made today. The audio quality is excellent. I use it in contests and it does well in a wall-to-wall strong signal environment. In fact, on Field Day it did quite well with all the other RF in the vicinity.

73, Zack W9SZ

4635. Re: [TS-850_450_690] Re: TS-850SAT

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-04-17 16:33:11 UTC
From: Paul Manuel
Topic: 1009 Message: 4635

--- Zack Widup <w9sz@...> wrote:>
> On the TS-850, you actually need to move a diode. To do the mod, take
> off
> D11 on the digital board behind the front panel and put it in the
> position
> of D9 (which should be blank if the mod has not been done).

I did not have to move anything, just clip one diode. I asked Bill, K0ZL,
and he said the move is not necessary--and it wasn't.
73,
Paul K4PDM

Do You Yahoo!?
Tired of spam? Yahoo! Mail has the best spam protection around
http://mail.yahoo.com

4636. Re: [TS-850_450_690] Re: TS-850SAT

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-04-17 16:48:30 UTC
From: Ken Bessler
Topic: 1009 Message: 4636

I can't find the AM mod in the groups files section...help?

Ken KG0WX

----- Original Message -----
From: "Zack Widup" <w9sz@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Monday, April 17, 2006 9:28 AM
Subject: Re: [TS-850_450_690] Re: TS-850SAT

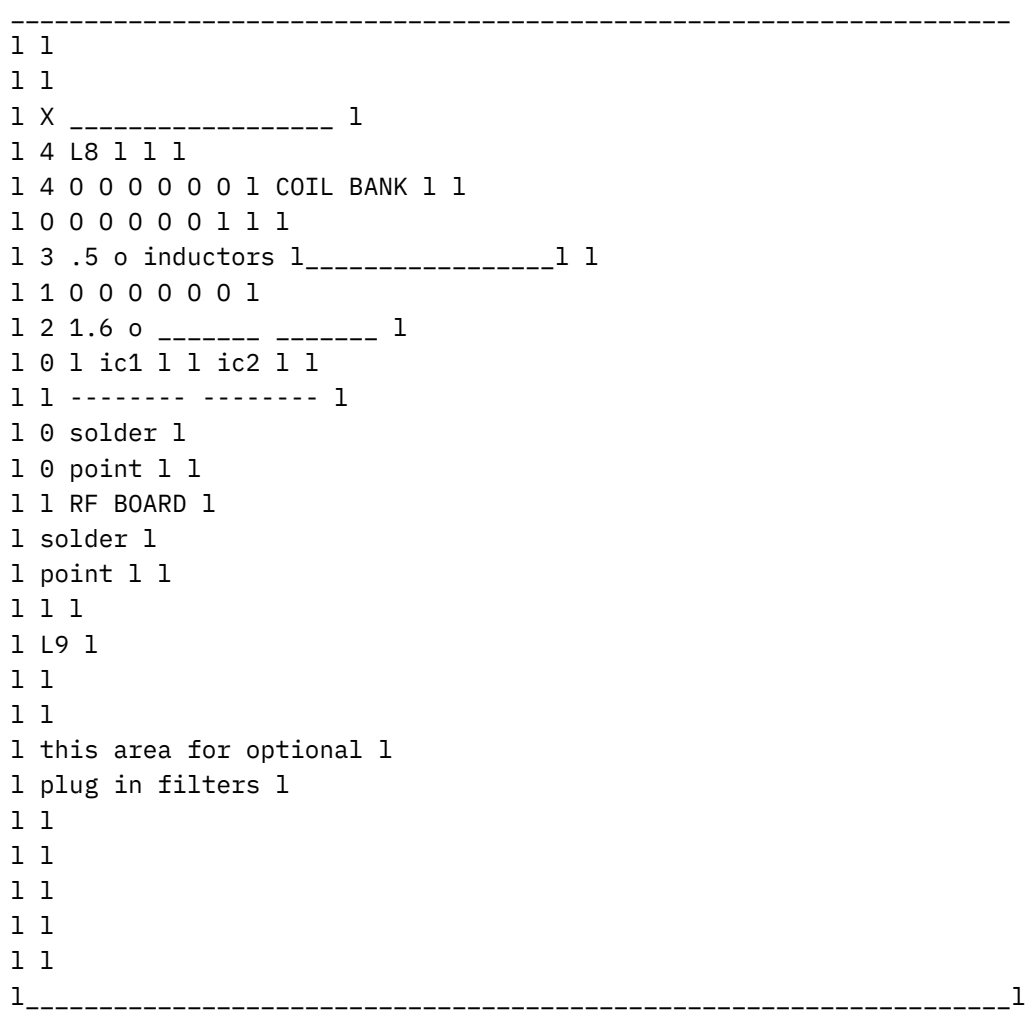
>
> I thought this was in the group files, but I guess not.
>
> On the TS-850, you actually need to move a diode. To do the mod, take off
> D11 on the digital board behind the front panel and put it in the position
> of D9 (which should be blank if the mod has not been done).
>
> I also did the mod on my TS-440 which involved just removing a diode. I
> had the TS-440 confused with the TS-850. The 850 uses surface-mount
> parts.
>
> IF you are going to perk up the rig with mods, I'd recommend two others.
> One is to move the jumpers to bypass the AM broadcast band filters (why
> they put those in I don't know) and also do the noise blanker mod, which
> is in the group files.
>

4637. Re: [TS-850_450_690] Re: TS-850SAT

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-04-17 17:44:14 UTC
From: John
Topic: 1009 Message: 4637

1.. remove the eleven screws that secure the bottom cover to the rig. the six ones on the sides and the five on the bottom cover itself.
2.. remove the bottom cover. there are no wires attached to the cover. lift it right off. leave the top cover of the radio ON.
3.. locate the RF BOARD. it's number is: X44-3120-00. this is the board where you plug the optional filters into. with the open radio in front of you, and the front of the radio facing you, the RF BOARD is the one on the left. (there are only two boards under the bottom cover)
4.. locate the chrome like shield on the rear of the RF BOARD. it's made out of shiney steel. remove the four screws that hold this shield to the board.
5.. remove the shield by lifting the front of it up while sliding it forwards, towards you. watch out for all the little wires and ribbon cables going to and from the RF BOARD.
6.. look at the rear of the board and towards the left corner.(the radio is stil facing you upside down) notice two I/C's numbered IC1 and IC2. directly behind the I/C's are a bank of adjustable coils in metal cans. there are nine of these coils in a group. directly to the left of these coils are many green and red inductors which are standing up. they look like resistors but they're really small coils.
7.. these inductors are part of the bandpass filtering for each of the bands on the radio. the capacitors and resistors that complete the bandpass filtering are on the other side of the board and are of the surface mount type. you are only concerned with the bandpass filter for the .5 to 1.6 band. notice the numbers for the inductors. find L8 and L9. they are right at the edge of the board in the left rear corner you will notice that .5 - 1.6 is stamped right next to L9. BINGO! you have found the part of the circuit that you will modify.
8.. look at where the .5 - 1.6 is stamped on the board next to L9. you will see two bronze or gold solder points there directly next to the numbers .5 - 1.6 . there is nothing soldered at those two points. this is where you will solder a jumper wire between the bronze points. do NOT confuse it with the other two solder points with the line running in between them next to the phillips head screw!!! you want the two points that are spaced very close together that is right next to L9.
9.. you will have to do the soldering on the OTHER SIDE OF THE BOARD. remove the nine phillips head screws that hold the RF BOARD to the chasis.
10.. on the back of the radio, look for the switch stamped SW 1. it's right below the grounding post and has the two postions: INT and EXT. remove the two screws that hold the switch to the back of the rig. the switch is soldered to the RF BOARD and you wont be able to lift the board up until the screws are removed.
11.. unplug enough cables from the board so you'll have enough room to lift the RF BOARD up to solder the jumper. there is no need to remove the board from the rig. slide it towards the front of the rig until the switch SW 1 clears the back of the rig and lift the left side of the board up and prop it up with a small block of wood.
12.. locate the bronze solder points on the underside of the board. there will be a small amount of solder at these two points on the underside of the board.
13.. bend a small jumper out of wire that fits the two bronze points on top of the RF BOARD. you will place the jumper on the top and solder on the underside of the board. with a pair of needle nosed pliers, place the jumper into the holes and simply heat up the

existing solder on the underside until the jumper slips down farther into the holes. you'll notice the large amount of components on the underside versus the lack of components on the top of the board. be carefull when heating the solder on the two points. you don'y want to disturb the surface mounted parts or cause any excess solder to run onto them or the foil nearby.
14.. you are now done. re-assemble in reverse order, plugging the wires back in carefully, making sure they don't get plugged into the wrong place. also, avoid pinching them when replacing covers.



FRONT OF RADIO

Sorry, that's the best art work I can do. The purpose of the jumper is to bypass the two 150 ohm resistors that are in series after the bandpass filter. The resistors add between 20 and 25 db attenuation to the AM broadcast band. For some reason, Kenwood thinks that the receiver would become overloaded by strong nearby broadcasting stations, which would cause distortion. I simply don't find that to be the case. It's funny, Kenwood already had those two points there on the board, but without the jumper.....it seems to me that they had anticipated the need to bypass the attenuation in Europe or Asia. Thus, all export models going to the states were missing that jumper. Who knows? I can't find any other reason for the jumper points to be there.

Anyway, you'll notice an immediate increase of signal strength. You'll hear stations that you never knew were there! As I said, if you are bothered by strong stations in your area,

try using the 6 and/or 12db attenuation buttons on the front of the rig.

----- Original Message -----
From: Ken Bessler
To: TS-850_450_690@yahoogroups.com
Sent: Monday, April 17, 2006 6:48 PM
Subject: Re: [TS-850_450_690] Re: TS-850SAT

I can't find the AM mod in the groups files section...help?

Ken KG0WX

----- Original Message -----
From: "Zack Widup" <w9sz@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Monday, April 17, 2006 9:28 AM
Subject: Re: [TS-850_450_690] Re: TS-850SAT

>
> I thought this was in the group files, but I guess not.
>
> On the TS-850, you actually need to move a diode. To do the mod, take off
> D11 on the digital board behind the front panel and put it in the position
> of D9 (which should be blank if the mod has not been done).
>
> I also did the mod on my TS-440 which involved just removing a diode. I
> had the TS-440 confused with the TS-850. The 850 uses surface-mount
> parts.
>
> IF you are going to perk up the rig with mods, I'd recommend two others.
> One is to move the jumpers to bypass the AM broadcast band filters (why
> they put those in I don't know) and also do the noise blanker mod, which
> is in the group files.
>

THANKS FOR USING TS-850_450_690@...

SPONSORED LINKS Ham radio Craft hobby Hobby and craft supply
Rules of the road

YAHOO! GROUPS LINKS

a.. Visit your group "TS-850_450_690" on the web.

b.. To unsubscribe from this group, send an email to:
TS-850_450_690-unsubscribe@yahoogroups.com

c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

No virus found in this incoming message.
Checked by AVG Free Edition.
Version: 7.1.385 / Virus Database: 268.4.2/314 - Release Date: 4/16/2006

[Non-text portions of this message have been removed]

4638. Re: TS-850SAT

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-04-17 18:07:43 UTC
From: max_ve3tmt
Topic: 1009 Message: 4638

--- In TS-850_450_690@yahoogroups.com, "John" <jkramer@...> wrote:

> 9.. you will have to do the soldering on the OTHER SIDE OF
THE BOARD. remove the nine phillips head screws that hold the RF BOARD
to the chasis.

I beg to differ. You DO NOT have to remove the board. The jumper you need to install can be soldered directly to the holes on the top of the board. Make a short jumper and bend it into a "U" shape. Place one end on one of the solder holes and apply heat to the jumper just above the hole. The heat will melt the solder and the wire jumper will drop in place. Do the same for the other end, test your work and button er' up. I have done this on 4 850's and never had to remove the board on any of them.

Max

4639. Re: [TS-850_450_690] Re: TS-850SAT

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-04-17 18:18:44 UTC
From: Ken Bessler
Topic: 1009 Message: 4639

Thanks for the information! Question: I'm running a secondhand rig and the previous owner did several mods, like the mars/cap mod and the sidetone level control mod - does the TS-850SAT switch in it's BC Band filter at a specific frequency, low/high? I'm remembering other rigs where you'd hear a click and see a definitive drop in sensitivity when tuning down from 1800.000 kc.

What I'm trying to do is determine if this mod has been done before opening up the radio. It may be used but it has a 15 day satisfaction warranty, provided I don't get into the radio too much. Doing the mod would violate that so I'm trying to find out if it's already been done.

Does the 850 switch in the BC Band filter at a specific frequency so I can test if the mod has been done?

Ken KG0WX

4640. Re: TS-850SAT

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-04-17 19:05:31 UTC
From: max_ve3tmt
Topic: 1009 Message: 4640

--- In TS-850_450_690@yahoogroups.com, "Ken Bessler" <kg0wx@...>
wrote:
>
> Thanks for the information! Question: I'm running a secondhand
> rig and the previous owner did several mods, like the mars/cap
> mod and the sidetone level control mod - does the TS-850SAT
> switch in it's BC Band filter at a specific frequency, low/high?
> I'm remembering other rigs where you'd hear a click and see a
> definitive drop in sensitivity when tuning down from 1800.000 kc.
>
> What I'm trying to do is determine if this mod has been done before
> opening up the radio. It may be used but it has a 15 day
satisfaction
> warranty, provided I don't get into the radio too much. Doing the
> mod would violate that so I'm trying to find out if it's already
been
> done.
>
> Does the 850 switch in the BC Band filter at a specific frequency
> so I can test if the mod has been done?
>
> Ken KG0WX

Ken,

I believe it kicks in at 1700 khz. If you are referring to the broadcast mod, this won't tell you. The bandpass filter will kick in (a.k.a. relay click) whether the attenuator mod has been done or not. You should be receiving local AM broadcast stations around 30 over 9 of the mod has been done, probably around S7 or so if not. To test for the general coverage mod, set the VFO on any frequency outside the amateur bands, i.e. 16.500.00 and hit the PTT. If the TX LED comes on, then the mod has been done.

Max

4641. Re: [TS-850_450_690] Re: TS-850SAT

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-04-17 19:19:50 UTC
From: Nik Read
Topic: 1009 Message: 4641

The attenuation on My 850 cuts in at 500khz and out at 1620khz
Have not felt brave enough to do the mod yet !!..

Nik M5DND

-------Original Message-------

From: max_ve3tmt
Date: 04/17/06 20:06:57
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] Re: TS-850SAT

--- In TS-850_450_690@yahoogroups.com, "Ken Bessler" <kg0wx@...>
wrote:
>
> Thanks for the information! Question: I'm running a secondhand
> rig and the previous owner did several mods, like the mars/cap
> mod and the sidetone level control mod - does the TS-850SAT
> switch in it's BC Band filter at a specific frequency, low/high?
> I'm remembering other rigs where you'd hear a click and see a
> definitive drop in sensitivity when tuning down from 1800.000 kc.
>
> What I'm trying to do is determine if this mod has been done before
> opening up the radio. It may be used but it has a 15 day
satisfaction
> warranty, provided I don't get into the radio too much. Doing the
> mod would violate that so I'm trying to find out if it's already
been
> done.
>
> Does the 850 switch in the BC Band filter at a specific frequency
> so I can test if the mod has been done?
>
> Ken KG0WX

Ken,

I believe it kicks in at 1700 khz. If you are referring to the
broadcast mod, this won't tell you. The bandpass filter will kick in
(a.k.a. relay click) whether the attenuator mod has been done or not.
You should be receiving local AM broadcast stations around 30 over 9
of the mod has been done, probably around S7 or so if not. To test
for the general coverage mod, set the VFO on any frequency outside
the amateur bands, i.e. 16.500.00 and hit the PTT. If the TX LED
comes on, then the mod has been done.

Max

--
No virus found in this outgoing message.
Checked by AVG Free Edition.
Version: 7.1.385 / Virus Database: 268.4.2/314 - Release Date: 16/04/06

4642. Re: TS-850SAT

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-04-17 19:30:23 UTC
From: max_ve3tmt
Topic: 1009 Message: 4642

--- In TS-850_450_690@yahoogroups.com, "Nik Read" <g7dnd.nread@...>
wrote:
>
>
> The attenuation on My 850 cuts in at 500khz and out at 1620khz
> Have not felt brave enough to do the mod yet !!..
>
> Nik M5DND

Nothing difficult about it. Remove the 11 bottom case screws, remove the 4 brass screws that cover the bandpass filters, solder a jumper and you're done. It is not difficult at all. I did the balanced modulator feed mod yesterday and had the entire IF board out in minutes. Just pay attention to what you are doing and you have no troubles.

Max

4643. Re: [TS-850_450_690] Re: TS-850SAT

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-04-17 19:49:08 UTC
From: Ken Bessler
Topic: 1009 Message: 4643

----- Original Message -----
From: "max_ve3tmt" <max_ve3tmt@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Monday, April 17, 2006 2:05 PM
Subject: [TS-850_450_690] Re: TS-850SAT

> Ken,
>
> I believe it kicks in at 1700 khz. If you are referring to the
> broadcast mod, this won't tell you. The bandpass filter will kick in
> (a.k.a. relay click) whether the attenuator mod has been done or not.
> You should be receiving local AM broadcast stations around 30 over 9
> of the mod has been done, probably around S7 or so if not. To test
> for the general coverage mod, set the VFO on any frequency outside
> the amateur bands, i.e. 16.500.00 and hit the PTT. If the TX LED
> comes on, then the mod has been done.
>
> Max
>

Thanks for the help, Max - I hear no click at 1700kc but I'm also seeing VERY good performance! I wanted to find 2 clear spots - 1 on 160m AM and 1 in the broadcast band - so I could compare base noise levels with spectrogram. The problem was finding a clear spot in the BC band! I mean, I'm picking up locals S9+50 and DX out to 300 miles no sweat.

And that's at 2pm local!

What's more impressive is I'm not getting overload and the antenna I'm hearing this on is a ladder line 40m inverted V. I can tune 1480 for a strong
local music station then go up to 1500 and pick up a station in Waco, TX or to 1460 and pick up a political broadcast in Kansas City. FYI I'm in Wichita, KS.

I've never seen a BC band receiver with such performance! I love BC band DX'ing but had given up on the hobby years ago due to lack of good non analog equipment.

Looks like the 850 is much more than a keeper.... :-)

Ken KG0WX

4644. Re: TS-850SAT

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-04-17 22:21:19 UTC
From: max_ve3tmt
Topic: 1009 Message: 4644

Ken,

I just checked on my 850, sorry no click until 2.000 mhz.

Max

4645. Re: [TS-850_450_690] Re: TS-850SAT

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-04-17 22:31:37 UTC
From: Nik Read
Topic: 1009 Message: 4645

My 850 click's at 2.000Mhz as well but not at the end of the attenuation zone 1620khz, just a big increase in signal !!!.

Thanks for the tip's Max, will have to do this mod soon..

Nik M5DND

-------Original Message-------

From: max_ve3tmt
Date: 04/17/06 23:22:14
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] Re: TS-850SAT

Ken,

I just checked on my 850, sorry no click until 2.000 mhz.

Max

--
No virus found in this outgoing message.
Checked by AVG Free Edition.
Version: 7.1.385 / Virus Database: 268.4.2/314 - Release Date: 16/04/06

4646. Re: TX frequency error (TS-690)

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-04-17 23:21:20 UTC
From: Clif
Topic: 4629 Message: 4646

--- In TS-850_450_690@yahoogroups.com, "oz1cjx" <yahog0406@...> wrote:
>
> Hello group
> I have been trying to repair a TS-690SAT for a friend.
> The receiver works fine but the transmitter is off frequency in a
> quite strange way.
> From 0 to 75 kHz (At the dial) from the bottom of each 500 kHz segment
> the TX frequency is around .073-74 kHz and when the dial exceeds .075
> the TX frequency jumps to about .698 kHz above the segment start. I
> can measure the sudden change in frequency at the output of DDS IC1 on
> the CARrier board. (About L3-L4)
> The reason might be a broken connection (Missing bit) between IC1 and
> the DAC chips CP1 and CP2, but I imagine that this would affect the RX
> frequency also?
>
> Any experience/suggestions?
>
> TIA es 73
> Lars / OZ1CJX
>

The DDS chips have 2 sections, one for Rx and the other for Tx. Either
can be bad and not affect the other. My bet is the DDS chip is bad.

Clif

4647. TS-850 with low reciever

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-04-18 03:21:47 UTC
From: Roland
Topic: 4647 Message: 4647

Aloha
I have a friend with a 850 that the receive is low I have just replaced the Lighting surge protector on mine and his my radio will receive a station at 20 over 9 and his a S6 Could it be the DDS chips or something else?
Roland AH6RR

[Non-text portions of this message have been removed]

4648. Re: [TS-850_450_690] TS-850SAT

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-04-18 07:31:20 UTC
From: Paul
Topic: 1009 Message: 4648

It is NOT illegal for the radio to be able to transmit out of the ham bands.

It IS illegal for you to use it out of the ham bands without proper
authority, (Mars etc).

Paul - K2BK

> ----- Original Message -----
> From: "James Glenn Jr" <ke4iza@...>
> To: <TS-850_450_690@yahoogroups.com>
> Sent: Sunday, April 16, 2006 4:15 PM
> Subject: [TS-850_450_690] TS-850SAT
>
>
> I purchased a TS-850SAT yesterday from AES Cleveland. They assured
> me that they DO NOT sell modified equipment. Before I call them and
> raise hell can someone please tell me what this radio is suppose to
> transmit on from 10m~160m? On 20m I can transmit on 14.499.99 and I
> know this is not legal. I fear I have bought a modified rig.
>
> Jim - ke4iza

4649. Re: [TS-850_450_690] Re: TS-850SAT

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-04-18 07:39:14 UTC
From: Paul
Topic: 1009 Message: 4649

The TS-850 is NOT one of "the new rigs today".

It is old enough to vote, (and better than many of "the new rigs today!!). It is one of the top DX and contest radios of all time.

Sit back and learn to enjoy the great radio that you have bought.

Paul - K2BK

Amateur Radio KE4IZA wrote:

> Alan
>
> This is what I have been told by several people. The
> new rigs today only transmit in the exact ham bands. Did rigs of old
> not have to adhere to the ham bands?
> ----- Original Message -----
> From: Alan Riley
> To: TS-850_450_690@yahoogroups.com
> Sent: Sunday, April 16, 2006 11:01 PM
> Subject: Re: [TS-850_450_690] Re: TS-850SAT
>
>
> Jim,
>
> To ease your mind a bit, I bought my TS-850SAT new and it will also
> transmit
> on 14.49999. It will, however, drop out at 14.50000. Mine has no
> modifications
> at all.
>
> Alan, KD5R
>
>
> ----- Original Message -----
> From: James Glenn Jr
> To: TS-850_450_690@yahoogroups.com
> Sent: Sunday, April 16, 2006 3:31 PM
> Subject: [TS-850_450_690] Re: TS-850SAT
>
>
> This is NOT the point. I ask the saleman up front if the radio was
> modifed and was told they do not accept modified equipment in trade.
> I expected a radio as the factory made it, I paid for the radio with
> this expectation and a factory radio is what I want. I guess I am
> going to have a big fight with AES over this. They did tell me I had

> a 10 day try out period. It IS GOING BACK for a refund of my $$$.
> Maybe you think me nuts but I NEVER modify my equipment in anyway,
> EVER.
>
> Jim - ke4iza
>
>
>
>
>
>
>
>
>
>
>
> --- In TS-850_450_690@yahoogroups.com, Paul Erickson <va7nt@...>
> wrote:
> >
> > James Glenn Jr wrote:
> >
> > > I purchased a TS-850SAT yesterday from AES Cleveland. They
> assured
> > > >me that they DO NOT sell modified equipment. Before I call
> them and
> > > >raise hell can someone please tell me what this radio is suppose to
> > > >transmit on from 10m~160m? On 20m I can transmit on 14.499.99
> and I
> > > >know this is not legal. I fear I have bought a modified rig.
> > > >
> > > >Jim - ke4iza
> > > >
> > > >
> > > >
> > > Hi Jim,
> > >
> > > Sounds like it has been MARS enabled, which is legal for MARS
> operators.
> > >
> > > Unless it is not functioning properly, I'm not sure this is
> something to
> > > raise hell about...
> > >
> > > --
> > > ---
> > > cheers, Paul - VA7NT - email: va7nt@...
> > >
> > > "Those who hear not the music, think the dancers mad."
> > >
> > > "Tolerance becomes a crime when applied to evil." - Thomas Mann

> >
> > "That state which separates it's warriors from it's scholars will
> have it's thinking done by cowards and fighting done by fools" -
> Thucydides - The Pelopenisia
> >
>
>
>
>
>
>
> THANKS FOR USING TS-850_450_690@...
>
>
>
>
> ---
> YAHOO! GROUPS LINKS
>
> a.. Visit your group "TS-850_450_690" on the web.
>
> b.. To unsubscribe from this group, send an email to:
> TS-850_450_690-unsubscribe@yahoogroups.com
>
> c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of
> Service.
>
>
>
> ---
>
>
>
> [Non-text portions of this message have been removed]
>
>
>
> THANKS FOR USING TS-850_450_690@...
>
>
>
> ---
> YAHOO! GROUPS LINKS
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> Service.
>
>
> ---
>
>
>
> [Non-text portions of this message have been removed]
>
>
>
> THANKS FOR USING TS-850_450_690@...
>
>
> ---
> YAHOO! GROUPS LINKS
>
> * Visit your group "TS-850_450_690
> <http://groups.yahoo.com/group/TS-850_450_690>" on the web.
>
> * To unsubscribe from this group, send an email to:
> TS-850_450_690-unsubscribe@yahoogroups.com
> <mailto:TS-850_450_690-unsubscribe@yahoogroups.com?subject=Unsubscribe>
>
> * Your use of Yahoo! Groups is subject to the Yahoo! Terms of
> Service <http://docs.yahoo.com/info/terms/>.
>
>
> ---
>

4650. Re: [TS-850_450_690] Re: TS-850SAT

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-04-18 07:40:24 UTC
From: Paul
Topic: 1009 Message: 4650

YEAH...

... it's THAT GOOD!!!

Paul - K2BK

Amateur Radio KE4IZA wrote:

> John
>
> Maybe I am making a mistake by returning this. I
> have already had several outright offers to buy the rig if I did not
> want it. Was the TS-850 that good. It seems to be a really hot item.

4651. Problem with "retunr hf " caused by linear amplifier

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-04-18 13:18:43 UTC
From: Allan
Topic: 4651 Message: 4651

Hi all,

I had a problem with my linear amplifier and I beleive it caused a "return hf " in the ts-850sat.

Now at the maximum power of the transceiver (linear amplifier switch off) the modulation is bad, I have the 100 watts pep but no alc indication.

At 70 watts (linear amplifier switch off) all is ok, modulation and alc indication.

Any idea about this problem ? Is it a problem with the DC-DC board ?

Many thanks for your help.

Regards

Allan

_____
Faites de Yahoo! votre page d'accueil sur le web pour retrouver directement vos services pr?f?r?s : v?rifiez vos nouveaux mails, lancez vos recherches et suivez l'actualit? en temps r?el.
Rendez-vous sur http://fr.yahoo.com/set

4652. Re: [TS-850_450_690] TS-850 with low reciever

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-04-18 22:19:30 UTC
From: ve3wej
Topic: 4647 Message: 4652

sounds stupid, but check the attenuation switchees to see if one got
pushed.....

----- Original Message -----
From: "Roland" <Toesonnose@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Monday, April 17, 2006 11:21 PM
Subject: [TS-850_450_690] TS-850 with low reciever

> Aloha
> I have a friend with a 850 that the receive is low I have just replaced
> the Lighting surge protector on mine and his my radio will receive a
> station at 20 over 9 and his a S6 Could it be the DDS chips or something
> else?
> Roland AH6RR
>
> [Non-text portions of this message have been removed]
>
>
>
> THANKS FOR USING TS-850_450_690@...
>
>
>
> --
> YAHOO! GROUPS LINKS
>
> a.. Visit your group "TS-850_450_690" on the web.
>
> b.. To unsubscribe from this group, send an email to:
> TS-850_450_690-unsubscribe@yahoogroups.com
>
> c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.
>
>
> --
>
>

4653. Do I need to open up my 850?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-04-18 22:49:30 UTC
From: Ken Bessler
Topic: 4653 Message: 4653

Today my rx started cutting out for an instant every 2 seconds
or so (random). I tried a different antennas, different bands, modes
etc. Tried tapping the desk, antenna switch then the rig. Nothing
made it better or worse. Suspecting a thermal issue or a cold
solder joint I shut down the radio for 20 minutes and it was gone
when I powered back up.....

I continued to operate, expecting the problem to return but it
did not. I even did a QSO simulation (I was in QSO on 10m
FM @ 25w when the problem started) into a dummy load.
Still, I could not get the problem to repeat itself.

Do I have a problem or like my local radio shop suggests, did
restarting the rig's firmware fix it?

Otherwise, the rig has performed wonderfully - last night I listened
to AM 1020 KDKA Pittsburgh, PA (I'm in KS!). Man - I really
hope this is not a problem as this rig is really a performer!

73's de Ken KG0WX - Kadiddlehopper #11808,
Flying Pigs #-1055, Grid EM17io, TS-850SAT,
Elecraft XG2, Tenna Dipper, Heath GD-1B

4654. Re: Do I need to open up my 850?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-04-19 00:05:12 UTC
From: max_ve3tmt
Topic: 4653 Message: 4654

Ken,

Check your noise blanker switches. Turn both off and see if it does it. Also make sure the NB controls are both maximum CCW. If I turn on NB2 and turn the width control max, the receiver will cut out sporadically.

Max

4655. Re: Do I need to open up my 850?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-04-19 00:08:32 UTC
From: Clif
Topic: 4653 Message: 4655

--- In TS-850_450_690@yahoogroups.com, "Ken Bessler" <kg0wx@...> wrote:
>
> Today my rx started cutting out for an instant every 2 seconds
> or so (random). I tried a different antennas, different bands, modes
> etc. Tried tapping the desk, antenna switch then the rig. Nothing
> made it better or worse. Suspecting a thermal issue or a cold
> solder joint I shut down the radio for 20 minutes and it was gone
> when I powered back up.....
>
> I continued to operate, expecting the problem to return but it
> did not. I even did a QSO simulation (I was in QSO on 10m
> FM @ 25w when the problem started) into a dummy load.
> Still, I could not get the problem to repeat itself.
>
> Do I have a problem or like my local radio shop suggests, did
> restarting the rig's firmware fix it?
>
> Otherwise, the rig has performed wonderfully - last night I listened
> to AM 1020 KDKA Pittsburgh, PA (I'm in KS!). Man - I really
> hope this is not a problem as this rig is really a performer!
>
> 73's de Ken KG0WX - Kadiddlehopper #11808,
> Flying Pigs #-1055, Grid EM17io, TS-850SAT,
> Elecraft XG2, Tenna Dipper, Heath GD-1B
>

Check the squelch setting.

Clif

4656. BC band mod

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-04-19 02:14:34 UTC
From: john rogers
Topic: 4656 Message: 4656

I have also made the bc band mod on my 850. I listen to KMOX in St Louis from Springfield VA after sunset.

When I did my mod, I read the mod quoted that called for raising the board but studied the manual and repair manual and found I could just install the jumper on the plated through holes from the top. It works great and no overload problems.

I'll never let go of this radio. I'm an original owner since 1991. Saw it in Essex UK during evacuation from N Africa during Gulf I and had mine delivered to the hotel right after that in DC.

While I'm at it, the most unusual feature of the rig is the split band capability. I worked a long haul sked and many times the skip was not reciprical. One of the upper HF bands was good one way and another for the opposite direction. My dad and I each had 850s and would work split band to make the skeds. How many rigs do that?

73, John - W4BA, CN8GU

How low will we go? Check out Yahoo! Messenger□s low PC-to-Phone call rates.

[Non-text portions of this message have been removed]

4657. Re: [TS-850_450_690] TS-850 with low reciever

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-04-19 02:22:34 UTC
From: Roland
Topic: 4647 Message: 4657

Thats the first thing I checked and the AIP too. When pressing either attenuator button the signal drops more and same with the AIP. I only have a multimeter to test with so I am just trying to get a aera to start looking.
Repair centers are very few and far between here in Hawaii.
----- Original Message -----
From: ve3wej
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, April 18, 2006 12:19 PM
Subject: Re: [TS-850_450_690] TS-850 with low reciever

sounds stupid, but check the attenuation switchees to see if one got
pushed.....

----- Original Message -----
From: "Roland" <Toesonnose@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Monday, April 17, 2006 11:21 PM
Subject: [TS-850_450_690] TS-850 with low reciever

> Aloha
> I have a friend with a 850 that the receive is low I have just replaced
> the Lighting surge protector on mine and his my radio will receive a
> station at 20 over 9 and his a S6 Could it be the DDS chips or something
> else?
> Roland AH6RR
>
> [Non-text portions of this message have been removed]
>
>
>
> THANKS FOR USING TS-850_450_690@...
>
>
>
> --
> YAHOO! GROUPS LINKS
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> a.. Visit your group "TS-850_450_690" on the web.
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>
>
> --

>
>

THANKS FOR USING TS-850_450_690@...

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[Non-text portions of this message have been removed]

4659. 850 boards for sale

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-04-19 03:45:59 UTC
From: Tom Osborne
Topic: 4659 Message: 4659

Hi All

If you haven't seen it yet, there is a listing on QTH.com for a bunch of boards for a TS-850. The listing number is 528309 if you want to check it out. 73
Tom W7WHY

4661. Re: 850 boards for sale

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-04-19 11:10:14 UTC
From: max_ve3tmt
Topic: 4659 Message: 4661

--- In TS-850_450_690@yahoogroups.com, "Tom Osborne" <w7why@...> wrote:
>
> Hi All
>
> If you haven't seen it yet, there is a listing on QTH.com for a
bunch of
> boards for a TS-850. The listing number is 528309 if you want to
check it
> out. 73
> Tom W7WHY
>

That is Fred selling the boards. I bought my front panel from him a year ago. If he says it is working 100%, it is! He has some good prices on there.

Max

4662. Re: [TS-850_450_690] BC band mod

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-04-19 12:04:23 UTC
From: Ken Bessler
Topic: 4656 Message: 4662

http://www.fcc.gov/mb/audio/amq.html

A great tool for us BC band DX'ers

Ken KG0WX

4666. Re: [TS-850_450_690] TS-450S Need Some Help Please

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-04-17 19:29:16 UTC
From: pa0mir
Topic: 4595 Message: 4666

First check the squelch pot!
Very common non-problem is accidentally turning it and there you are!
Happy easter

Nico PA0MIR
----- Original Message -----
From: Joel Butler
To: TS-850_450_690@yahoogroups.com
Sent: Friday, April 14, 2006 11:30 PM
Subject: [TS-850_450_690] TS-450S Need Some Help Please

Hi I have a TS-450 works fine then the audio go's out it still receives
shows on the meter but just cant here it at all nothing win like this
power out on ssb and am is about 10 watts fm is about 110 . win the
receive comes back on go's back to full power. And it works fine then.
Till it go's back out. Nothing to the speaker int or ext

THANKS FOR USING TS-850_450_690@...

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[Non-text portions of this message have been removed]

4667. Re: [TS-850_450_690] TS-450S Need Some Help Please

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-04-19 19:21:28 UTC
From: Tom Osborne
Topic: 4595 Message: 4667

> Hi I have a TS-450 works fine then the audio go's out it still >receives
> shows on the meter but just cant here it at all nothing win >like this
> power out on ssb and am is about 10 watts fm is about >110 .

Hi

I had the same problem with my '450SAT on TX a couple of weeks ago. I had no SSB or AM output. It worked fine on CW, FSK, and FM. It was like this for about a week. Even switched to 2 different mikes. I was about ready to send it in to get fixed, and for some reason, it just started working right again, and has been working for about a week now with no problems. Maybe something got reset or something.
Tom W7WHY

4669. 2m Transverter on eBay

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-04-20 11:12:48 UTC
From: max_ve3tmt
Topic: 4669 Message: 4669

Item # 9715226437

Just in case anyone wanted to get their 850 on 2m here's your chance. I have used this exact transverter on my 850 and it worked beautifully. Everyone on the local repeater commented on the audio. I foolishly sold mine but have a TenTec now. I have no affiliation with the seller, just thought if anyone wanted to get on 2m FM or SSB with their 850, this unit will do the trick.

Max VE3TMT

4670. Re: Low output on 17m and above

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-04-22 18:37:38 UTC
From: dm4dx
Topic: 4567 Message: 4670

Has anyone an idea on my problem?

Regards,

Chris

--- In TS-850_450_690@yahoogroups.com, "dm4dx" <dm4dx@...> wrote:
>
> Hello Cliff,
>
> I tried, D31 seems to be good. But there are several D's that
behave
> a little strange. For eg. D30 shows 240/240 on both sides. I read
in
> the group that some diodes are designed by kenwood that way that
they
> should act like the thing mentioned above. Now I'm confused.
> Another thing I found out about my problem: The power decreases if
I
> go higher than 20.999.99 MHz. At 20.999.99 MHz it has 90W on
> 21.000.00 it decreases to 40Watts. May be thta helps to solve the
> probelm?
>
> regards,
> Chris
>
>
> > If D31 were bad it's wouldn't work. You probably have shorted
diodes
> > in the RF filter unit. These are the diodes the '145 feeds. Use an
> > ohmmeter to check the diodes.
> >
> > You really need a service manual find find all the diodes.
> >
> > Clif
> >
>

4671. ts450s rx dropping

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-04-23 00:50:09 UTC
From: jason
Topic: 4671 Message: 4671

Hi all

I have a ts450s which is slightly dropping its rx , i would be monitoring on 40mtrs and you can hear the rx slightly drop noise and sigs drop about 2 s points then it goes back to normal.
It goes up and down , sometimes the rx is good for some time then sometimes every few minutes it drops up and down, i first thought it was someone tuningup near the freq and descening the rx'er but found that it was affecting other bands , also checked the antenna by putting the antenna into my ts850s and there was no drop in the rx but still the 450 was doing it on another antenna.
Had the radio looked at a few weeks back and there were 2 caps replaced that dropped the voltage on the tx/rx board causeing the radio to drop tx and rx.
Would be interested if anyone elae has had this prob with the rx dropping in sensativity on rx.

cheers from Jason zl2ft.

4672. Re: [TS-850_450_690] ts450s rx dropping

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-04-23 00:54:40 UTC
From: Tom Osborne
Topic: 4671 Message: 4672

Hi Jason

This has been brought up before here on the list. The problem might be that the coax connector on the back is loose on the inside. Try and wiggle the connector and see if that doesn't make the signal come and go. Someone posted that there is a stiff wire that goes from the coax connector on the inside to the board and it can break loose and be intermittent. 73 and GL
Tom W7WHY

> Hi all
>
> I have a ts450s which is slightly dropping its rx , i would be
> monitoring on 40mtrs and you can hear the rx slightly drop noise and
> sigs drop about 2 s points then it goes back to normal.
> It goes up and down , sometimes the rx is good for some time then
> sometimes every few minutes it drops up and down, i first thought it
> was someone tuningup near the freq and descening the rx'er but found
> that it was affecting other bands , also checked the antenna by
> putting the antenna into my ts850s and there was no drop in the rx but
> still the 450 was doing it on another antenna.
> Had the radio looked at a few weeks back and there were 2 caps
> replaced that dropped the voltage on the tx/rx board causeing the
> radio to drop tx and rx.
> Would be interested if anyone elae has had this prob with the rx
> dropping in sensativity on rx.
>
> cheers from Jason zl2ft.
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>
> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
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4673. TS-850SAT Autotuner question

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-04-23 13:10:58 UTC
From: Ken Bessler
Topic: 4673 Message: 4673

Is there a way to adjust the autotuner's SWR threshold? Mine
keeps trying to find a match until it gets a 1.3:1 SWR or better.

I'd like to adjust that threshold to 1.8:1 or so.

73's de Ken KG0WX - Kadiddlehopper #11808,
Flying Pigs #-1055, Grid EM17io, TS-850SAT,
Elecraft XG2, 4SQRP Tenna Dipper, Heath GD-1B

4674. BCB jumper and DDS board caps in the TS-850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-04-23 23:16:53 UTC
From: John
Topic: 4674 Message: 4674

I received a request to photograph the above-board jumper for bypassing the BCB (.5-1.6 mHz) attenuator. I also was feeling uneasy after the discussion of oozing caps in the transceiver.

BCB jumper - I have two pictures under an album named W4BA showing my bypass. When I did this I remember seeing the two pads the jumper is on then studying the manual. This jumper provides a series bypass of the "T" attenuater resistors while paralleling two of the 100 ohm resistors. This effective 50 ohms is now in series with the other 50 ohms of the "T" before being bypassed for RF and feeding the switching bias to the band filter. The other bands have 120 ohm feed resisters. There is no choke though thus putting the 100 ohm load on the filter. No doubt this provides some attenuation by loading but the trade off is a simple mod that I swear Kenwood must have planned on.

DDS board - Well my fears were justified. I just about missed the leakage of the caps. I started with the bottom of the unit and the attenuator look-see and moved to the top. All the dark blue caps. are fine with no leakage. Come the DDS board. The caps are the bright silver ones. I remember the red TAG cap I put in for C1 years ago. It literally exploded one day! Well the others are leaking. I have two photos in the same album as above. The first is with the dark spots aroung the caps. The second is after I had cleaned the goo off with a freon based solder flux solvent applied with a Q-tip swab. I need to get those 10 caps changed soon. The copper etching is not sever yet but it is very disturbing.

Hope this helps those restling with these problems. BTW, my S/N is 20900214 from 1991. I would love to hear other experiences.

73, John

4675. Re: BCB jumper and DDS board caps in the TS-850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-04-24 00:18:45 UTC
From: max_ve3tmt
Topic: 4674 Message: 4675

John,

Thanks for uploading the pictures. I did my BCB mod the same way, as I said in an earlier post, there is no need to remove the board as others have stated. I checked my CAR uit and only C1 had leaked. I replaced it with an electrolytic at 35V rating. All the others were fine. My unit is not much newer than yours, it's in the 21 mil serial range. I will be keeping an eye on it.

Max VE3TMT

4676. Re: BCB jumper and DDS board caps in the TS-850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-04-24 01:12:02 UTC
From: John
Topic: 4674 Message: 4676

Max,

Thanks for you comments. First, I called the board the DDS board. Really the Carrier board. I bring this up to avoid confusion.

It sounds like there is good interest in the BCB mod. from the off-line comments I received. This is a great receiver for that service. Glad to echo your tips on the jumper.

It was a good exercise going in again. I took a photo of each board. When I can't trust my memory next time, I will have the photos to call up! I made some of mine through the magnifying glass. It helped both me and the camera. Hi! I sure can't match Coors Bill's photo quality though.

73, John

4678. DC-DC Convertor

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-04-24 12:33:31 UTC
From: Duncan Cameron
Topic: 4678 Message: 4678

What is the current thinking on fixing the problem with the DC-DC board? Replace the two resistors, replace Q3, both?
Any suggestions on sources to replace Q3?
Thanks very much!
Scott/KA1MUY

4681. Re: TX frequency error (TS-690)

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-04-24 17:06:05 UTC
From: oz1cjx
Topic: 4629 Message: 4681

--- In TS-850_450_690@yahoogroups.com, "Clif" <clif@...> wrote:
>
> --- In TS-850_450_690@yahoogroups.com, "oz1cjx" <yahog0406@> wrote:
> >
> > Hello group
> > I have been trying to repair a TS-690SAT for a friend.
8< 8< 8<
>
> The DDS chips have 2 sections, one for Rx and the other for Tx. Either
> can be bad and not affect the other. My bet is the DDS chip is bad.
>
> Clif
>
Thanks for your answer, this explains why the error in on the RX side
only, I thought that it was the same DDS circuit.
I have also learnt that the 6631 DDS chip has a reputation of bad
reliability, so it looks like I need one or two. (Or preferably the
newer 66312)

Any ideas as of where to find them? Or maybe a whole CARrier board?

Vy 73 de Lars

4682. Re: [TS-850_450_690] Human-buttons

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-04-25 01:35:14 UTC
From: Tom Osborne
Topic: 4682 Message: 4682

Yeah, thought that was kinda funny. Will have to do a lookup on that one.
Tom W7WHY

>
> Hey, take a look at the "e-mail address" this spam was sent from.
> "yaesuft811"? Is someone getting clever?
>
> 73, Zack W9SZ
>
> On Mon, 24 Apr 2006 yaesuft811@... wrote:
>
>>
>> This campaign is about Human beings, Democracy, UNHCR, Refugees, The
>> Iraqis, Islam, Kurds, Human rights, Respect, Money, Donations, Angelina
>> Jolie, Pavarotti, Giorgio Armani, Donors, Peace, History, Campaigns and
>> about you if you care about these words.
>>
>
>
>
> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
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4683. Timewave DSP 599zx and TS-850S PTT Help??

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-04-25 00:51:50 UTC
From: Richard
Topic: 4683 Message: 4683

I am wondering if anyone knows how to hook up a PTT cable from the DSP Unit to the TS-850S. Any help would be great. Thanks in advance.

4684. DDS board caps?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-04-25 13:15:17 UTC
From: taephono
Topic: 4684 Message: 4684

Anyone that has replaced these, can you send me the part number, and where you purchased replacements?

Thanks - 73,
Clint
WS1V

4685. Re: [TS-850_450_690] DDS board caps?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-04-25 17:19:21 UTC
From: dave@zievid.com
Topic: 4684 Message: 4685

I used these from Mouser:

647-UUD1E470MCL - 47uf, 25v
647-UUD1E220MCL - 22uf, 25v (Mouser didn't have 10uf in stock)

Excruciating details at http://www.zievid.com/W6OT/TS-850/TS-850.htm

73,
- Dave
W6OT

> Anyone that has replaced these, can you send me the part number, and
> where you purchased replacements?
>
> Thanks - 73,
> Clint
> WS1V

4686. Re: DDS board caps?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-04-25 18:12:23 UTC
From: taephono
Topic: 4684 Message: 4686

Dave,
thanks for this info... I'm a previous Mouser customer.. :)
So you replaced the 10uf caps with the 22uf ?

Clint
WS1V

--- In TS-850_450_690@yahoogroups.com, dave@... wrote:
>
> I used these from Mouser:
>
> 647-UUD1E470MCL - 47uf, 25v
> 647-UUD1E220MCL - 22uf, 25v (Mouser didn't have 10uf in stock)
>
> Excruciating details at http://www.zievid.com/W6OT/TS-850/TS-850.htm
>
> 73,
> - Dave
> W6OT
>
>
> > Anyone that has replaced these, can you send me the part
number, and
> > where you purchased replacements?
> >
> > Thanks - 73,
> > Clint
> > WS1V
>

4687. Re: [TS-850_450_690] Re: DDS board caps?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-04-25 18:26:31 UTC
From: dave@zievid.com
Topic: 4684 Message: 4687

Hi Clint -

Yes, I used 22uf instead of 10uf. At the time, Mouser was out of the 10uf caps and wasn't going to have them until May or so.

If you look at the schematic, all these caps are on the +volage supply to the chips. They are used to help ensure clean, spike-free power to the chips, not part of a tuned circuit where the value is critical. They function like the big filter caps you have in power supplies, but are located right next to the ICs.

I used a higher voltage rating than the original, but that may also be overkill. The originals are 16v, and that certainly should be OK with the 5v in use.

I also tried to find the highest temperature rating in the hope they will last longer.

So in this application you can go higher with the capacitor value and voltage rating than the originals. There probably isn't any real benefit for doing so, but if that's what's available, they should work fine.

73,
- Dave
W6OT

> Dave,
> thanks for this info... I'm a previous Mouser customer.. :)
> So you replaced the 10uf caps with the 22uf ?
>
> Clint
> WS1V
>
> --- In TS-850_450_690@yahoogroups.com, dave@... wrote:
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4688. Re: [TS-850_450_690] Timewave DSP 599zx and TS-850S PTT Help??

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-04-25 19:27:02 UTC
From: VE3WEJ GMAIL ACCOUNT
Topic: 4683 Message: 4688

depends on whether you use the mike jack, or 13pin acc plug...wiring for the 850 is in the manual. I can help with that end....the timewave, sorry.

----- Original Message -----
From: "Richard" <rmorton58@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Monday, April 24, 2006 8:51 PM
Subject: [TS-850_450_690] Timewave DSP 599zx and TS-850S PTT Help??

>I am wondering if anyone knows how to hook up a PTT cable from the DSP
> Unit to the TS-850S. Any help would be great. Thanks in advance.
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> THANKS FOR USING TS-850_450_690@...
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4689. RE: [TS-850_450_690] Timewave DSP 599zx and TS-850S PTT Help??

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-04-25 20:51:03 UTC
From: Steve Gehring
Topic: 4683 Message: 4689

Rich,

I☐m using a 599zx with my 850 with great results; the source audio comes from the ext speaker jack with the front panel volume set to the 9 o'clock position. The two-watt audio amp contained within 599zx drives a JBL Pro III bookshelf speaker well and without distortion for my ear's higher levels (slight hearing loss at age 40). Presently, I do not use the PTT line with the 599zx. But, do use it for keying the Alpha 374A amp ☐ if we☐re talking about the same ground offering PTT line.

What is the intended purpose for your PTT line? Is it to be used for muting?

Personally, I find the 599zx most excellent for CW or digital work, and just so-so with voice. The auto-notch feature does work well on voice modes, though.

Regards,
Steve, NL7W

-----Original Message-----
From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of Richard
Sent: Monday, April 24, 2006 4:52 PM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] Timewave DSP 599zx and TS-850S PTT Help??

I am wondering if anyone knows how to hook up a PTT cable from the DSP Unit to the TS-850S. Any help would be great. Thanks in advance.

--
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Checked by AVG Free Edition.
Version: 7.1.385 / Virus Database: 268.4.6/324 - Release Date: 4/25/2006

4690. Re: DDS board caps?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-04-25 21:33:23 UTC
From: Dan Janda
Topic: 4684 Message: 4690

Dave,

Thanks for the information and the pictures. Your
TS-850 pages are very informative.

Dan
AA3LS

--- In TS-850_450_690@yahoogroups.com, dave@... wrote:
>
> I used these from Mouser:
>
> 647-UUD1E470MCL - 47uf, 25v
> 647-UUD1E220MCL - 22uf, 25v (Mouser didn't have 10uf in stock)
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> Excruciating details at http://www.zievid.com/W6OT/TS-850/TS-850.htm
>
> 73,
> - Dave
> W6OT
>
>
> > Anyone that has replaced these, can you send me the part
number, and
> > where you purchased replacements?
> >
> > Thanks - 73,
> > Clint
> > WS1V
>

4691. Ts-850 : ALC strange problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-04-26 07:20:36 UTC
From: Allan
Topic: 4691 Message: 4691

Hi all,

I have a strange problem with my modulation (ts-850sat+mc60), I did some test :

With 50 watts, compressor at 5 o'clock (10 db) , mic gain at 3 o'clock (alc indication is ok) so my modulation is good.
With 100 watts, compressor at 5 o'clock (10 db) , mic gain at 3-6 or maximum o'clock (alc indication fall down) , modulation very strong in the monitoring but on the airs the modulation is bad .

If I use the tuner, and tune the antenna, with 50 or 100 watts the modulation works fine.

But the swr not matched is good, i have 1.2/1.

Do you have any idea of the problem ?
Which board must I test ?

This problem start when I used my amplifier, maybe any relation ...

I search on internet but don't find something concerning my problem, find dc-dc board problem but don't look like the same symptomes.

A big thanks for any help,

Regards

Allan

_____
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Rendez-vous sur http://fr.yahoo.com/set

4692. Re: Timewave DSP 599zx and TS-850S PTT Help??

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-04-26 03:20:04 UTC
From: Richard
Topic: 4683 Message: 4692

Steve
It is for muting the audio. It is hard to hear what your
sending with the DSP Filter on CW thats my only problem I have with
it. It is an Excellent Filter otherwise, especially on CW it is
outstanding. It's just hard to hear sending CW especially when there
is a pileup or alot of stations on one frequency.

Rick
KR4EY

-- In TS-850_450_690@yahoogroups.com, "Steve Gehring" <steveg@...>
wrote:
>
> Rich,
>
> I'm using a 599zx with my 850 with great results; the source audio
comes
> from the ext speaker jack with the front panel volume set to the 9
o'clock
> position. The two-watt audio amp contained within 599zx drives a
JBL Pro
> III bookshelf speaker well and without distortion for my ear's
higher levels
> (slight hearing loss at age 40). Presently, I do not use the PTT
line with
> the 599zx. But, do use it for keying the Alpha 374A amp ☐ if
we're talking
> about the same ground offering PTT line.
>
> What is the intended purpose for your PTT line? Is it to be used
for
> muting?
>
> Personally, I find the 599zx most excellent for CW or digital
work, and just
> so-so with voice. The auto-notch feature does work well on voice
modes,
> though.
>
> Regards,
> Steve, NL7W
>
> -----Original Message-----
> From: TS-850_450_690@yahoogroups.com [mailto:TS-
850_450_690@yahoogroups.com]

> On Behalf Of Richard
> Sent: Monday, April 24, 2006 4:52 PM
> To: TS-850_450_690@yahoogroups.com
> Subject: [TS-850_450_690] Timewave DSP 599zx and TS-850S PTT Help??
>
> I am wondering if anyone knows how to hook up a PTT cable from the
DSP
> Unit to the TS-850S. Any help would be great. Thanks in advance.
>
>
> --
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> Version: 7.1.385 / Virus Database: 268.4.6/324 - Release Date:
4/25/2006
>

4693. RE: [TS-850_450_690] Re: Timewave DSP 599zx and TS-850S PTT Help??

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-04-27 01:44:57 UTC
From: Steve Gehring
Topic: 4683 Message: 4693

Hi again, Rich.

Unfortunately, the 599zx doesn't mute its audio in the CW mode (only voice audio is muted when the PTT ground is connected from the 850S). This statement is made on page 2-9 of the 599zx's Operating Manual, dated March 6th, 1997. If you'd like to mute voice audio, you could used what I've used for amp keying, which are pins 2 and 4 of the 7-pin DIN plug, labeled REMOTE on the back of the rig. I'm not sure how much current the 599zx sinks, so you may want to measure this to be sure it doesn't tax your rig's PTT line - or use the amp relay to be sure it doesn't.

Since the 599zx doesn't use the PTT line in the CW mode, and does get its sidetone from directly from the rig, I suggest turning up (or down) the rig's sidetone level. This is explained on page 65 of the TS-850S Instruction Manual.

Good luck and 73.

Steve, NL7W
Located not in, but around Palmer, Alaska
-- One of the Frozen Chosen --

-----Original Message-----
From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of Richard
Sent: Tuesday, April 25, 2006 7:20 PM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] Re: Timewave DSP 599zx and TS-850S PTT Help??

Steve
       It is for muting the audio. It is hard to hear what your sending with the DSP Filter on CW thats my only problem I have with it. It is an Excellent Filter otherwise, especially on CW it is outstanding. It's just hard to hear sending CW especially when there is a pileup or alot of stations on one frequency.

Rick
KR4EY

-- In TS-850_450_690@yahoogroups.com, "Steve Gehring" <steveg@...>
wrote:
>
> Rich,
>
> I'm using a 599zx with my 850 with great results; the source audio

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> from the ext speaker jack with the front panel volume set to the 9
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> From: TS-850_450_690@yahoogroups.com [mailto:TS-
850_450_690@yahoogroups.com]
> On Behalf Of Richard
> Sent: Monday, April 24, 2006 4:52 PM
> To: TS-850_450_690@yahoogroups.com
> Subject: [TS-850_450_690] Timewave DSP 599zx and TS-850S PTT Help??
>
> I am wondering if anyone knows how to hook up a PTT cable from the
DSP
> Unit to the TS-850S. Any help would be great. Thanks in advance.
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Version: 7.1.385 / Virus Database: 268.5.0/325 - Release Date: 4/26/2006

4694. Re: [TS-850_450_690] TS850 interface to TL922

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-04-27 02:08:21 UTC
From: WN9D
Topic: 4046 Message: 4694

Joe, to what pin of the Kenwood TS-850 7-pin plug is the "rig" side of the interface connected?

Thanks and '73,

Randy WN9D

----- Original Message -----
From: K0BX
To: TS-850_450_690@yahoogroups.com
Sent: Thursday, December 08, 2005 9:22 PM
Subject: [TS-850_450_690] TS850 interface to TL922

Everything that everyone has said is true.

The TS-850S relay was design to key the Kenwood TL-922. No problem with the relay handling it.

BUT, when I hooked up my TS-850S/AT to my Drake L-7 Amp it all worked ok except that I could see on the wattmeter the "Hot-Switching", that is, I would get a RF spike out before the amp keyed and I would get a high SWR for just an instance.

Also I did not like hearing the noise of the relay in the TS-850S.

So the answer was use the +12 volts on transmit from the assc. socket. Key a transistor that then keys the amp. Many circuits have been designed for this so I don't take credit but the one I used sure worked.

I guess my TS-850S has been keying the amp for almost 13 years now. No noise relay.

The circuit I used and how to build it is on my website. The cost of the $4.00 box exceeded the cost of all the other parts.

Anyway a picture is worth a 1K words so give at look at:

http://www.qsl.net/k0bx/amp.html

Happy Keying.

Joe K0BX

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[Non-text portions of this message have been removed]

4695. TS-850 filter dumb question of the month

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-04-29 14:58:19 UTC
From: Ken Bessler
Topic: 4695 Message: 4695

Could someone please explain why there are 2 sets of
filters in the TS-850? I've got one set at 8.83 and another
at 455. I've never had a rig that had both sets and I'm
not sure how to use them. I could use a little elmering.....

73's de Ken KG0WX - Kadiddlehopper #11808,
Flying Pigs #-1055, Grid EM17io, TS-850SAT,
Elecraft XG2, 4SQRP Tenna Dipper, Heath GD-1B

4696. Re: [TS-850_450_690] TS-850 filter dumb question of the month

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-04-29 16:12:50 UTC
From: Bill Maddock
Topic: 4695 Message: 4696

There are 3 IF stages in the TS-850S - a 73 MHZ, an 8.83 MHZ and a 455 KHZ. Each stage has a filter, the 73 MHz IF has a wide 15 Khz filter that allows a wide band of signals to be heard at once. Of course the 73 Mhz IF does not have a switchable filter, but the 2 suceeeding IF stages narrow down the bandpass to a tigher 2.4 or selectable 1.8 or 500 HZ for cw. The advantage of the additional filters is the increased ability to reject strong signal interference that are closer to your recieve frequency. This becomes extremely apparent in CW contest or when the bands are very busy. Ultimately receivers have not really improved that much since the 60's and 70's! It has only been in the last few years that radios have started putting filters in the first IF stage commonly called a roofing filter that really improves the close in strong signal rejection. Sherwood Engineerring has a website that lists many of todays radios and has run receiver tests to see which ones are really the best. The ARRL has recently adopted additional tests to include receiver dynamic range testing at 2 Khz spacing.

On Sherwood's website the TS-850S that was tested was one of my own that I sent him. Rob Sherwood has some good reading on his website that covers the use of multiple filters as well as roofing filters to improve close in strong signal rejection. International Radio - INRAD has nice filters also. Hope this helps!

73

Bill N4ZI

Ken Bessler <kg0wx@...> wrote:
Could someone please explain why there are 2 sets of filters in the TS-850? I've got one set at 8.83 and another at 455. I've never had a rig that had both sets and I'm not sure how to use them. I could use a little elmering.....

73's de Ken KG0WX - Kadiddlehopper #11808,
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4697. RE: [TS-850_450_690] TS-850 filter dumb question of the month

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-04-29 16:43:49 UTC
From: Marc F1GSN
Topic: 4695 Message: 4697

Bill

Do you knwon why the TS-830 performs "better" than the TS-850 ?

Lower phase noise ?

73

Marc F1GSN

-----Message d'origine-----
De : TS-850_450_690@yahoogroups.com
[mailto:TS-850_450_690@yahoogroups.com]De la part de Bill Maddock
Envoy? : samedi 29 avril 2006 18:13
? : TS-850_450_690@yahoogroups.com
Objet : Re: [TS-850_450_690] TS-850 filter dumb question of the month

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wide band of signals to be heard at once. Of course the 73 Mhz IF does not have a switchable
filter, but the 2 suceeeding IF stages narrow down the bandpass to a
tigher 2.4 or selectable 1.8 or 500 HZ for cw. The advantage of the additional filters is the
increased ability to reject strong signal interference that are closer to your recieve
frequency. This becomes extremely apparent in CW contest or when the bands are very busy. Ultimately receivers have not really improved that much since the
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Hope this helps!

73

Bill N4ZI

Ken Bessler <kg0wx@...> wrote:
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filters in the TS-850? I've got one set at 8.83 and another
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THANKS FOR USING TS-850_450_690@...

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4698. Re: [TS-850_450_690] TS-850 filter dumb question of the month

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-04-29 17:05:04 UTC
From: Ken Bessler
Topic: 4695 Message: 4698

So basically, does it matter if I tighten up the 2nd IF and leave the 3rd IF loose or go the other way around and leave the 2nd IF at 6kc and put the 3rd at 2.7?

I'm guessing that opening up the 2nd IF would make the filter in the 3rd IF have to work harder so it might be best to cut in a tighter filter in the earlier IF?

Sorry - took a dumb pill today.....

lol

Ken

4699. Re: TS-850 filter dumb question of the month

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-04-29 17:06:46 UTC
From: Richard Ferch
Topic: 4695 Message: 4699

There are two sets of filters because a single set cannot achieve as good performance as the combination of both, and also because having two sets allows the designers to add some functionality that is not possible with only one filter set.

From the point of view of shape factor and out-of-band rejection, filters at the lower IF (455 kHz) will achieve better results (both per dollar spent and in absolute terms) than is possible at the higher IF. If you have 500 Hz filters at both 455 kHz and 8.83 MHz, you can easily hear (or with sound card software, see) the difference in how well they reject signals outside the filter bandpass.

On the other hand, to get the best dynamic range (good performance on weak signals on a busy band with other stronger signals on nearby frequencies), you need to eliminate the unwanted signals as early as possible in your receiver's signal chain so that they don't overload it and swamp out the weaker signals. For this purpose you need filters at the higher IF.

So, you need the 8.83 MHz filter to remove strong signals up and down the band, but there will still be some filter blow-by and noise, which you can reduce more effectively by adding the 455 kHz filter.

If your main problems are AGC pumping, blocking or IMD caused by very strong signals a little way up or down the band, the 8.83 MHz filter is the one that will be most effective against these problems. If what you want to do is reduce QRM from close-in signals of equal strength to the one you want, the 455 kHz filter will be the one that does the most good for you. Use them both simultaneously and you will get better performance than from either one alone.

Having filters at both IFs is also what makes the 850's Slope Tune control possible. Each of the two knobs controls the centre frequency of one of the filters. One can be tuned upwards from its normal position, while the other can be tuned downwards. By using these controls you can achieve a narrower bandpass with the two filters than is possible with either one alone. However, while you can achieve a 250 Hz nominal bandpass this way from two 500 Hz filters, the performance is not as good as you would get from a single 250 Hz filter. Still, it's better than not having the capability at all.

73,
Rich VE3IAY

--- In TS-850_450_690@yahoogroups.com, "Ken Bessler" <kg0wx@...> wrote:
>
> Could someone please explain why there are 2 sets of

> filters in the TS-850? I've got one set at 8.83 and another
> at 455. I've never had a rig that had both sets and I'm
> not sure how to use them. I could use a little elmering.....
>
> 73's de Ken KG0WX - Kadiddlehopper #11808,
> Flying Pigs #-1055, Grid EM17io, TS-850SAT,
> Elecraft XG2, 4SQRP Tenna Dipper, Heath GD-1B
>

4700. Re: TS-850 filter dumb question of the month

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-04-29 17:23:48 UTC
From: Richard Ferch
Topic: 4695 Message: 4700

If you have them both, use them both. They work better as a pair. The only reason to leave one wider than the other is if you actually want to hear signals outside your bandpass in order to know what else is going on on the band. For that purpose, you would switch in the 8.83 MHz filter and leave the 455 kHz filter wider. I can't think of a good reason to set the 8.83 MHz wider than the 455 kHz if both are available at the same bandpass.

If you are contemplating buying a narrow filter and can't afford both, there are pros and cons to both choices; the 8.83 MHz filter will do more for the radio's dynamic range, but the 455 kHz filter will do better at removing nearby QRM, so the choice depends on what you want to achieve. The combination works better than either one alond, so if you can afford both, there is little reason not to use them together.

The 850's Slope Tune function requires the two bandwidths to be the same - if you try to use it with different bandwidth filters, you will probably find the results disappointing.

73,
Rich VE3IAY

--- In TS-850_450_690@yahoogroups.com, "Ken Bessler" <kg0wx@...>
wrote:
>
> So basically, does it matter if I tighten up the 2nd IF and leave
the 3rd IF
> loose or go the other way around and leave the 2nd IF at 6kc and
put the 3rd
> at 2.7?
>
> I'm guessing that opening up the 2nd IF would make the filter in
the 3rd IF
> have to work harder so it might be best to cut in a tighter filter
in the
> earlier IF?
>
> Sorry - took a dumb pill today.....
>
> lol
>
> Ken
>

4701. RE: [TS-850_450_690] TS-850 filter dumb question of the month

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-04-29 17:37:05 UTC
From: Bill Maddock
Topic: 4695 Message: 4701

The TS-830S has a preselector which is a tuned filter and also peaks the reciever!

Marc F1GSN <marc_f1gsn@...> wrote:

Bill

Do you knwon why the TS-830 performs "better" than the TS-850 ?

Lower phase noise ?

73

Marc F1GSN

-----Message d'origine-----
De : TS-850_450_690@yahoogroups.com
[mailto:TS-850_450_690@yahoogroups.com]De la part de Bill Maddock
Envoyé : samedi 29 avril 2006 18:13
À : TS-850_450_690@yahoogroups.com
Objet : Re: [TS-850_450_690] TS-850 filter dumb question of the month

There are 3 IF stages in the TS-850S - a 73 MHZ, an 8.83 MHZ and a 455 KHZ.
Each
stage has a filter, the 73 MHz IF has a wide 15 Khz filter that allows a
wide band of signals to be heard at once. Of course the 73 Mhz IF does not
have a switchable
filter, but the 2 suceeeding IF stages narrow down the bandpass to a
tigher 2.4 or selectable 1.8 or 500 HZ for cw. The advantage of the
additional filters is the
increased ability to reject strong signal interference that are closer to
your recieve
frequency. This becomes extremely apparent in CW contest or when the bands
are very busy. Ultimately receivers have not really improved that much
since the
60's and 70's! It has only been in the last few years that radios have
started putting
filters in the first IF stage commonly called a roofing filter that really
improves the
close in strong signal rejection. Sherwood Engineerring has a website that
lists
many of todays radios and has run receiver tests to see which ones are
really the
best. The ARRL has recently adopted additional tests to include receiver
dynamic
range testing at 2 Khz spacing.

On Sherwood's website the TS-850S that was tested was one of my own
that I sent him. Rob Sherwood has some good reading on his website that
covers the use of multiple filters as well as roofing filters to improve
close
in strong signal rejection. International Radio - INRAD has nice filters
also.
Hope this helps!

73

Bill N4ZI

Ken Bessler <kg0wx@...> wrote:
Could someone please explain why there are 2 sets of
filters in the TS-850? I've got one set at 8.83 and another
at 455. I've never had a rig that had both sets and I'm
not sure how to use them. I could use a little elmering.....

73's de Ken KG0WX - Kadiddlehopper #11808,
Flying Pigs #-1055, Grid EM17io, TS-850SAT,
Elecraft XG2, 4SQRP Tenna Dipper, Heath GD-1B

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[Non-text portions of this message have been removed]

4702. Re: [TS-850_450_690] TS-850 filter dumb question of the month

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-04-29 18:06:51 UTC
From: Ken Bessler
Topic: 4695 Message: 4702

----- Original Message -----
From: "Bill Maddock" <n4zi96@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Saturday, April 29, 2006 11:12 AM
Subject: Re: [TS-850_450_690] TS-850 filter dumb question of the month

<snip>

Sherwood Engineerring has a website that lists many of todays
radios and has run receiver tests to see which ones are really the
best. The ARRL has recently adopted additional tests to include receiver
dynamic range testing at 2 Khz spacing.

On Sherwood's website the TS-850S that was tested was
one of my own that I sent him.

<snip>
Bill N4ZI

==========
Bill I went to that website and saw the pdf file for the tests but I
didn't see the TS-850 listed - got a link to the proper file which
shows the TS-850?

Ken

4703. Re: [TS-850_450_690] TS-850 filter dumb question of the month

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-04-29 18:18:56 UTC
From: Ken Bessler
Topic: 4695 Message: 4703

----- Original Message -----
From: "Ken Bessler" <kg0wx@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Saturday, April 29, 2006 1:06 PM
Subject: Re: [TS-850_450_690] TS-850 filter dumb question of the month

> ====================================
> Bill I went to that website and saw the pdf file for the tests but I
> didn't see the TS-850 listed - got a link to the proper file which
> shows the TS-850?
>
> Ken
>

Nevermind - I found it... D'oh!

Ken :-)

4704. Re: [TS-850_450_690] TS-850 filter dumb question of the month

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-04-30 02:14:27 UTC
From: Tom Osborne
Topic: 4695 Message: 4704

> So basically, does it matter if I tighten up the 2nd IF and leave the 3rd
> IF
> loose or go the other way around and leave the 2nd IF at 6kc and put the
> 3rd
> at 2.7?

Hi

I usually set mine to go with the QRM. When contesting on CW, I screw all filters down as narrow as I can get them. For general operation I just play with them to see what sounds best. Sometimes the bandpass needs to be really narrow and sometimes just a little bit narrow. It is really nice to have the option to set them how you want them. 73
Tom W7WHY

4705. TS-850 filter dumb question (not)

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-01 00:06:06 UTC
From: john rogers
Topic: 4705 Message: 4705

If your question is what filters to put in...load it up in the mode(s) you desire in both IFs.

If the question is how to operate...that is the beauty of the 850. You can select all the filters in any combination. 15 years going, I'm not sure what combination I will select for a given situation. I agree with the previous comment that in a contest I "screw down the filters as tight as I can". For a casual cw contact I may use the ssb filters and narrow up with the slope controls. I like the sound that way.

I have 500s in each IF for cw and the 2.?s in each for SSB. For swl activity I use the 6s and the 15 kHz.

73, John

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[Non-text portions of this message have been removed]

4706. Re: TS-850 filter dumb question (not)

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-01 10:52:09 UTC
From: max_ve3tmt
Topic: 4705 Message: 4706

--- In TS-850_450_690@yahoogroups.com, john rogers <w4ba@...> wrote:

> I have 500s in each IF for cw and the 2.?s in each for SSB. For swl activity I use the 6s and the 15 kHz.
>
> 73, John

John,

Are you referring to the stock 2.7 Khz filter? I thought the 850 only has provisions to add 3 filters?

Max VE3TMT

4707. TS-450s Broadcast interference

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-01 20:26:48 UTC
From: jistabout
Topic: 4707 Message: 4707

Hi everyone!

This group looks like a great bunch of people and I appreciate its existance.

I have a TS-450SAT and it has terrible BCI problems from a local 1kw station on 1450khz about 2.5 miles away. I also have other rigs in the shack (TS-430s/Icom IC-725) and these rigs aren't bothered by the BC station at all.

The TS-450SAT is almost unusable on some bands because of this. I can clear it up alot if I use an external antenna tuner, as the external tuner then acts as a bandpass filter and attenuates the BCI. The TS-450SAT seems to be MUCH more susceptable to BCI than my other rigs. It is properly grounded etc., and I have spoken with the engineer at the BC station and he was very helpful and checked their equipment for spectral purity etc. and found no problems.

So my question is this: Is this a documented problem with this rig and is there a fix besides using an external tuner?

Perhaps a mod which allows the TS-450SAT to use its internal tuner on both tx AND rx? - I've seen such a mod for the TS-440SAT but not the '450.

The TS-450SAT seems to be a well designed rig except for this...

Any help and/or thoughts are much appreciated....

- Darrell/KA7BTV

4708. Re: [TS-850_450_690] TS-450s Broadcast interference

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-02 01:12:40 UTC
From: Tom Osborne
Topic: 4707 Message: 4708

Hi Darrell

I have 2 TS-450SAT's here in the shack and have never had a problem with broadcast interferance, even though I can see 2 towers from my house. What you might do is switch antennas from one of your other rigs and see if that makes any difference. Sometimes a bad connection can act as a rectifier and cause all sorts of problems. 73
Tom W7WHY

> Hi everyone!
>
> This group looks like a great bunch of people and I appreciate its
> existance.
>
> I have a TS-450SAT and it has terrible BCI problems from a local 1kw
> station on 1450khz about 2.5 miles away. I also have other rigs in
> the shack (TS-430s/Icom IC-725) and these rigs aren't bothered by the
> BC station at all.
>
> The TS-450SAT is almost unusable on some bands because of this. I can
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> tuner then acts as a bandpass filter and attenuates the BCI. The TS-
> 450SAT seems to be MUCH more susceptable to BCI than my other rigs.
> It is properly grounded etc., and I have spoken with the engineer at
> the BC station and he was very helpful and checked their equipment
> for spectral purity etc. and found no problems.
>
> So my question is this: Is this a documented problem with this rig
> and is there a fix besides using an external tuner?
>
> Perhaps a mod which allows the TS-450SAT to use its internal tuner on
> both tx AND rx? - I've seen such a mod for the TS-440SAT but not
> the '450.
>
> The TS-450SAT seems to be a well designed rig except for this...
>
> Any help and/or thoughts are much appreciated....
>
> - Darrell/KA7BTV
>
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>
> THANKS FOR USING TS-850_450_690@...
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4709. Re: [TS-850_450_690] TS-450s Broadcast interference

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-02 01:19:30 UTC
From: Allen Turner
Topic: 4707 Message: 4709

Hi Darrell, how do you have your AIP set. If I remember correctly
you want the button push in.

Al, n7ioh

On May 1, 2006, at 1:26 PM, jistabout wrote:

> Hi everyone!
>
> This group looks like a great bunch of people and I appreciate its
> existance.
>
> I have a TS-450SAT and it has terrible BCI problems from a local 1kw
> station on 1450khz about 2.5 miles away. I also have other rigs in
> the shack (TS-430s/Icom IC-725) and these rigs aren't bothered by the
> BC station at all.
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> the BC station and he was very helpful and checked their equipment
> for spectral purity etc. and found no problems.
>
> So my question is this: Is this a documented problem with this rig
> and is there a fix besides using an external tuner?
>
> Perhaps a mod which allows the TS-450SAT to use its internal tuner on
> both tx AND rx? - I've seen such a mod for the TS-440SAT but not
> the '450.
>
> The TS-450SAT seems to be a well designed rig except for this...
>
> Any help and/or thoughts are much appreciated....
>
> - Darrell/KA7BTV
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4710. RE: [TS-850_450_690] TS-450s Broadcast interference

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-02 04:11:47 UTC
From: Steve Gehring
Topic: 4707 Message: 4710

Hi Darrell,

I☐ll suggest a high-pass filter that rejects the broadcast band. Take a look at the following W3NQN filters at www.arraysolutions.com:

http://www.arraysolutions.com/Products/BCB%20RF%20Filters.htm

You could place this filter between the rig and the antenna systems or network you have. It seems to offer around 50 dB of attenuation at the offending station☐s frequency of 1.45 MHz.

Good Luck and 73.

De Steve, NL7W

-----Original Message-----
From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of Allen Turner
Sent: Monday, May 01, 2006 5:20 PM
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] TS-450s Broadcast interference

Hi Darrell, how do you have your AIP set. If I remember correctly
you want the button push in.

Al, n7ioh

On May 1, 2006, at 1:26 PM, jistabout wrote:

> Hi everyone!
>
> This group looks like a great bunch of people and I appreciate its
> existence.
>
> I have a TS-450SAT and it has terrible BCI problems from a local 1kw
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> BC station at all.
>
> The TS-450SAT is almost unusable on some bands because of this. I can
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> tuner then acts as a bandpass filter and attenuates the BCI. The TS-
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> for spectral purity etc. and found no problems.
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> So my question is this: Is this a documented problem with this rig
> and is there a fix besides using an external tuner?
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> Perhaps a mod which allows the TS-450SAT to use its internal tuner on
> both tx AND rx? - I've seen such a mod for the TS-440SAT but not
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>
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>
> Any help and/or thoughts are much appreciated....
>
> - Darrell/KA7BTV
>
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4711. RE: [TS-850_450_690] TS-450s Broadcast interference

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-02 06:15:50 UTC
From: Steve Gehring
Topic: 4707 Message: 4711

Tom has a very good point with his mention of dirty and/or corroded
connections and intermod.

Steve
-----Original Message-----
From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of Tom Osborne
Sent: Monday, May 01, 2006 5:13 PM
To: TS-850_450_690@...m
Subject: Re: [TS-850_450_690] TS-450s Broadcast interference

Hi Darrell

I have 2 TS-450SAT's here in the shack and have never had a problem with
broadcast interference, even though I can see 2 towers from my house. What
you might do is switch antennas from one of your other rigs and see if that
makes any difference. Sometimes a bad connection can act as a rectifier and

cause all sorts of problems. 73
Tom W7WHY

> Hi everyone!
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> This group looks like a great bunch of people and I appreciate its
> existence.
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> I have a TS-450SAT and it has terrible BCI problems from a local 1kw
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> BC station at all.
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> It is properly grounded etc., and I have spoken with the engineer at
> the BC station and he was very helpful and checked their equipment
> for spectral purity etc. and found no problems.
>
> So my question is this: Is this a documented problem with this rig
> and is there a fix besides using an external tuner?
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> Perhaps a mod which allows the TS-450SAT to use its internal tuner on
> both tx AND rx? - I've seen such a mod for the TS-440SAT but not
> the '450.
>

> The TS-450SAT seems to be a well designed rig except for this...
>
> Any help and/or thoughts are much appreciated....
>
> - Darrell/KA7BTV
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--
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Checked by AVG Free Edition.
Version: 7.1.385 / Virus Database: 268.5.1/328 - Release Date: 5/1/2006

4712. help on fault on ts850s

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-02 12:47:56 UTC
From: DAVE ...M0BZK
Topic: 4712 Message: 4712

hi all, can someone please help me, I have been using my ts850 to day ok but all of a sudden it gave out UL in cw and the frequency display is just a row of dots, if I move the vfo or change bands the frequency shows ok then goes back to a row of dots and the UL is again heard in cw.
cheers dave M0BZK

4713. Re: help on fault on ts850s

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-02 12:56:18 UTC
From: max_ve3tmt
Topic: 4712 Message: 4713

--- In TS-850_450_690@yahoogroups.com, "DAVE ...M0BZK"
<bletchleynet@...> wrote:
>
> hi all, can someone please help me, I have been using my ts850 to day
> ok but all of a sudden it gave out UL in cw and the frequency display
> is just a row of dots, if I move the vfo or change bands the
frequency
> shows ok then goes back to a row of dots and the UL is again heard in
> cw.
> cheers dave M0BZK
>

Dave,

"UL" indicates the phase locked loop has lost its "lock". I twould try reseating all the connections on the PLL board and digital board. If that doesn't solve the problem, some voltage measurements on the PLL board are in order.

Max

4715. Re: TS-450s Broadcast interference

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-02 17:39:36 UTC
From: dm4dx
Topic: 4707 Message: 4715

I don't actually know much about the circuit of the TS-450s but probably it's worth a try changing the band switching diodes to real pin diodes. If they are the same as in the TS-850 it should be RLS135 diodes which can be replaced by 64Bar diodes. May be that helps suppressing the unwanted signals from the radio station.

Regards,

Chris, DM4DX

--- In TS-850_450_690@yahoogroups.com, "jistabout" <ka7btv@...> wrote:
>
> Hi everyone!
>
> This group looks like a great bunch of people and I appreciate its
> existance.
>
> I have a TS-450SAT and it has terrible BCI problems from a local
1kw
> station on 1450khz about 2.5 miles away. I also have other rigs in
> the shack (TS-430s/Icom IC-725) and these rigs aren't bothered by
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> both tx AND rx? - I've seen such a mod for the TS-440SAT but not
> the '450.
>
> The TS-450SAT seems to be a well designed rig except for this...
>
> Any help and/or thoughts are much appreciated....

>
> - Darrell/KA7BTV
>

4716. Re: TS-450s Broadcast interference

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-02 22:58:41 UTC
From: Roy Sakabu
Topic: 4707 Message: 4716

Darrell,

I don't think the 430 has a preamplifier in it and maybe the 725 also. Unfortunately, both Yaesu and Kenwood put the preamplifier ON as the default setup. Icom calls the preamp function just that, "preamp".

Turn the preamp off by engaging the AIP function. Yaesu calls disengaging the preamp "APO". That may help. I leave the AIP on (preamp off) on all my Kenwood rigs as well as my Icom rigs. Unless you really need the preamp (mostly at higher frequencies), you should have it off. I actually turn on the Attenuators whenever possible. It makes for easier listening and better QRM/QRN fighting when signals are already good.

Hope that helps.

Roy
AD6ZU

--- In TS-850_450_690@yahoogroups.com, "jistabout" <ka7btv@...> wrote:
>
> Hi everyone!
>
> This group looks like a great bunch of people and I appreciate its
> existance.
>
> I have a TS-450SAT and it has terrible BCI problems from a local
1kw
> station on 1450khz about 2.5 miles away. I also have other rigs in
> the shack (TS-430s/Icom IC-725) and these rigs aren't bothered by
the
> BC station at all.
>
> The TS-450SAT is almost unusable on some bands because of this. I
can
> clear it up alot if I use an external antenna tuner, as the
external
> tuner then acts as a bandpass filter and attenuates the BCI. The
TS-
> 450SAT seems to be MUCH more susceptable to BCI than my other
rigs.
> It is properly grounded etc., and I have spoken with the engineer
at
> the BC station and he was very helpful and checked their equipment

> for spectral purity etc. and found no problems.
>
> So my question is this: Is this a documented problem with this rig
> and is there a fix besides using an external tuner?
>
> Perhaps a mod which allows the TS-450SAT to use its internal tuner
on
> both tx AND rx? - I've seen such a mod for the TS-440SAT but not
> the '450.
>
> The TS-450SAT seems to be a well designed rig except for this...
>
> Any help and/or thoughts are much appreciated....
>
> - Darrell/KA7BTV
>

4717. Re: TS-450s Broadcast interference

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-02 23:45:07 UTC
From: Ken Bessler
Topic: 4707 Message: 4717

--- In TS-850_450_690@yahoogroups.com, "Roy Sakabu" <rsakabu@...>
wrote:
>
> Darrell,
>
> I don't think the 430 has a preamplifier in it and maybe the 725
> also. Unfortunately, both Yaesu and Kenwood put the preamplifier
ON
> as the default setup. Icom calls the preamp function just
> that, "preamp".
>
> Turn the preamp off by engaging the AIP function. Yaesu calls
> disengaging the preamp "APO". That may help. I leave the AIP on
> (preamp off) on all my Kenwood rigs as well as my Icom rigs.
Unless
> you really need the preamp (mostly at higher frequencies), you
> should have it off. I actually turn on the Attenuators whenever
> possible. It makes for easier listening and better QRM/QRN
fighting
> when signals are already good.
>
> Hope that helps.
>
> Roy
> AD6ZU

Wow - what a difference! I turned AIP on for all vfo's and
memories below 10 mhz. I noticed hardly any loss of signal
but the QRN definitely dropped down.

Thanks for the tip, Roy!

Ken KG0WX

4718. TS-850 filter dumb question

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-03 01:05:09 UTC
From: john rogers
Topic: 4718 Message: 4718

Max,

Yes, I'm using the stock SSB filters and a stock 88C1 & 455C1 CW filter. Nothing fancy. Custom cranial signal processing though!

73 de John - W4BA

Do You Yahoo!?
Tired of spam? Yahoo! Mail has the best spam protection around
http://mail.yahoo.com

[Non-text portions of this message have been removed]

4719. TS-850 Deaf

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-03 10:57:10 UTC
From: leezl2al
Topic: 4719 Message: 4719

I have just acquired a TS-850S S/N 31000 + and it is deaf! Really bad on the lower frequencies and progressively deaf as I go higher. Comparison with my FT1000D on the same signals and same antenna showed -6db on 1.5 mhz, -8 on 3.8, -15db on 7.0, - 20 db on 14.0 mhz, -30db on 18 mhz and well you get the idea! After consulting the archives, I replaced IC-1, the input diode selector chip and one other diode that looked suspicious. I did the mod that puts a 2.5mh choke from ant to ground to lower the input Z so it is not prone to lighting strikes. The exercise improved the situation by about 50% but it is still progressively more deaf as you go higher in freq so that 15M up is virtually dead. Yes ... I checked the RXB and it is 0.0V on RX as it should be and the same with the TXB. One interesting clue is that if I listen to an S9 signal on lets say 3.8 mhz and hit the 6db attn button it will drop one S unit or 6db as it should. If I hit the 12db attn button the signal drops to S 0 as it shouldn't do. It should drop 2 S units or 12db. In fact depressing the 12db attn button will wipe out most signals on any band. Anyone encounter this problem and any suggestions? _ Thanks Lee ZL2AL

4720. Re: [TS-850_450_690] Digest Number 1054

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-03 22:10:27 UTC
From: Tree
Topic: 4720 Message: 4720

> I have just acquired a TS-850S S/N 31000 + and it is deaf! Really bad
> on the lower frequencies and progressively deaf as I go higher.
> Comparison with my FT1000D on the same signals and same antenna
> showed -6db on 1.5 mhz, -8 on 3.8, -15db on 7.0, - 20 db on 14.0 mhz, -
> 30db on 18 mhz and ? well you get the idea! After consulting the
> archives, I replaced IC-1, the input diode selector chip and one other
> diode that looked suspicious. I did the mod that puts a 2.5mh choke
> from ant to ground to lower the input Z so it is not prone to lighting
> strikes. The exercise improved the situation by about 50% but it is
> still progressively more deaf as you go higher in freq so that 15M up
> is virtually dead. Yes?... I checked the RXB and it is 0.0V on RX as
> it should be and the same with the TXB. One interesting clue is that
> if I listen to an S9 signal on lets say 3.8 mhz and hit the 6db attn
> button it will drop one S unit or 6db as it should. If I hit the 12db
> attn button the signal drops to S 0 as it shouldn't do. It should drop
> 2 S units or 12db. In fact depressing the 12db attn button will wipe
> out most signals on any band. Anyone encounter this problem and any
> suggestions? _ Thanks Lee ZL2AL

The 12 db attentuator problem is probably unrelated to the other failure.

Does the AIP selection make any difference (improvement?). That's always a good test as it uses a different active preamp to see if that is a problem. It might be worth checking each of the bandpass signals to make sure one isn't sitting at ground for some reason. There are some that are driven by transistors instead of the 74LS145 that need to be checked too.

Tree N6TR
tree@...

4721. Updated web page

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-04 01:08:23 UTC
From: Ken Bessler
Topic: 4721 Message: 4721

I've included some info on my tests with my Kenwood and my
Elecraft XG-2 generator. Comments are welcome.....

http://members.cox.net/kg0wx/

73's de Ken KG0WX - Kadiddlehopper #11808,
Flying Pigs #-1055, Grid EM17io, TS-850SAT,
Elecraft XG2, 4SQRP Tenna Dipper, Heath GD-1B

4722. Re: Digest Number 1054

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-04 04:38:08 UTC
From: leezl2al
Topic: 4720 Message: 4722

In my previous post I said my TS-850 is really bad on the lower frequencies. Incorrect and my error. It should have read that it is really bad on the higher frequencies. I put radio on a local BC station on 3930 and the carrier read S9+10db on the bargraph meter. I hit the AIP switch and it sropped to S6. With AIP OFF the 6db attn works OK and drops it 6db. The 12db Attn drops it to S1. With the AIP ON the 6db ATTN works OK and drops it from S6 to S5 and the 12db attn drops it to S0 and unreadable. Any thoughts Tree?

--- In TS-850_450_690@yahoogroups.com, Tree <tree@...> wrote:
>
> > I have just acquired a TS-850S S/N 31000 + and it is deaf!
Really bad
> > on the lower frequencies and progressively deaf as I go higher.
> > Comparison with my FT1000D on the same signals and same antenna
> > showed -6db on 1.5 mhz, -8 on 3.8, -15db on 7.0, - 20 db on 14.0
mhz, -
> > 30db on 18 mhz and ? well you get the idea! After consulting the
> > archives, I replaced IC-1, the input diode selector chip and one
other
> > diode that looked suspicious. I did the mod that puts a 2.5mh
choke
> > from ant to ground to lower the input Z so it is not prone to
lighting
> > strikes. The exercise improved the situation by about 50% but it
is
> > still progressively more deaf as you go higher in freq so that
15M up
> > is virtually dead. Yes?... I checked the RXB and it is 0.0V on
RX as
> > it should be and the same with the TXB. One interesting clue is
that
> > if I listen to an S9 signal on lets say 3.8 mhz and hit the 6db
attn
> > button it will drop one S unit or 6db as it should. If I hit the
12db
> > attn button the signal drops to S 0 as it shouldn't do. It
should drop
> > 2 S units or 12db. In fact depressing the 12db attn button will
wipe
> > out most signals on any band. Anyone encounter this problem and
any
> > suggestions? _ Thanks Lee ZL2AL
>
> The 12 db attentuator problem is probably unrelated to the other

failure.
>
> Does the AIP selection make any difference (improvement?). That's
always
> a good test as it uses a different active preamp to see if that is
a
> problem. It might be worth checking each of the bandpass signals
to make
> sure one isn't sitting at ground for some reason. There are some
that
> are driven by transistors instead of the 74LS145 that need to be
checked
> too.
>
> Tree N6TR
> tree@...
>

4723. Re: TS-450s Broadcast interference

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-04 06:22:11 UTC
From: jistabout
Topic: 4707 Message: 4723

Thanks everyone for all of the good replys. I did try the "AIP" setting with no effect. I've also considered an external filter such as those mentioned but it shouldn't be necessary, and I'd have to rig a way to switch it in and out because I do listen alot on the AM broadcast band.

I also tried different radios on the same antenna (fullsize G5RV) and none of the other radios have this problem.

I noticed that the attenuator doesn't seem to work right - i.e. when you turn it on, ALL signals dissappear completely - even strong ones. I think that someone has attempted to or has modified this radio and mabye screwed something up in the process. It came from an estate and I think that I am the second owner. Anyway, if I find the problem and/or a good solution then I'll share with the group. Thanks again!

- Darrell/KA7BTV

--- In TS-850_450_690@yahoogroups.com, "jistabout" <ka7btv@...> wrote:
>
> Hi everyone!
>
> This group looks like a great bunch of people and I appreciate its
> existance.
>
> I have a TS-450SAT and it has terrible BCI problems from a local
1kw
> station on 1450khz about 2.5 miles away. I also have other rigs in
> the shack (TS-430s/Icom IC-725) and these rigs aren't bothered by
the
> BC station at all.
>
> The TS-450SAT is almost unusable on some bands because of this. I
can
> clear it up alot if I use an external antenna tuner, as the
external
> tuner then acts as a bandpass filter and attenuates the BCI. The
TS-
> 450SAT seems to be MUCH more susceptable to BCI than my other
rigs.
> It is properly grounded etc., and I have spoken with the engineer
at
> the BC station and he was very helpful and checked their equipment
> for spectral purity etc. and found no problems.

>
> So my question is this: Is this a documented problem with this rig
> and is there a fix besides using an external tuner?
>
> Perhaps a mod which allows the TS-450SAT to use its internal tuner
on
> both tx AND rx? - I've seen such a mod for the TS-440SAT but not
> the '450.
>
> The TS-450SAT seems to be a well designed rig except for this...
>
> Any help and/or thoughts are much appreciated....
>
> - Darrell/KA7BTV
>

4724. Wanted: Kenwood DSP-100

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-06 23:39:53 UTC
From: Brian
Topic: 4724 Message: 4724

Hi everyone, I'm searching for a DSP-100. If anyone has one they would like to part with, please let me know.

Thanks

Brian, VA3DXV

4725. TS-850SAT NB2 question

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-07 16:09:14 UTC
From: Ken Bessler
Topic: 4725 Message: 4725

Every now and then, my receiver cuts out for an instant, kinda
like the AGC is pumping from a nearby CW signal. It comes
and goes and has only happened on 1 day before today. Before,
I turned the 850 off and back on and the problem went away.

Not this time. I did notice that the problem happens on all modes
but not below about 5-6mhz. There the rig is fine.

To make a long story short, I found if I turned down NB2's
width or turned NB2 off it went away. I've also noticed a lack
of apparent effect from NB2 so I'm wondering if the rig cutting
out is actually NB2 cutting in and doing it's job sporadically?

Can any of you tell me how well your NB2's work? What should
I expect for performance if it is working ok?

Ken

73's de Ken KG0WX - Kadiddlehopper #11808,
Flying Pigs #-1055, Grid EM17io, TS-850SAT,
Elecraft XG2, 4SQRP Tenna Dipper, Heath GD-1B

4726. Re: TS-850SAT NB2 question

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-07 16:51:28 UTC
From: grwescom
Topic: 4725 Message: 4726

NB2 was designed to blank the pulses sent out by the old USSR over the horizon HF radar. This was an obnoxious, loud, woodpecker sound. NB2 has the width control because the received pulse width could vary from time to time as propagation varied - multipath could cause the pulse to widen out.

Now that the USSR is defunct as a military power and Russia is not worried about ICBM attacks from the US, NB2 will probably never need to be turned on. NB1 is the standard pulse noise blanker and that should be all that you need. If there are some situations where NB2 helps more than NB2, that's great - but I would not expect it.

Gary
N0GW

--- In TS-850_450_690@yahoogroups.com, "Ken Bessler" <kg0wx@...> wrote:
>
> Every now and then, my receiver cuts out for an instant, kinda
> like the AGC is pumping from a nearby CW signal. It comes
> and goes and has only happened on 1 day before today. Before,
> I turned the 850 off and back on and the problem went away.
>
> Not this time. I did notice that the problem happens on all modes
> but not below about 5-6mhz. There the rig is fine.
>
> To make a long story short, I found if I turned down NB2's
> width or turned NB2 off it went away. I've also noticed a lack
> of apparent effect from NB2 so I'm wondering if the rig cutting
> out is actually NB2 cutting in and doing it's job sporadically?
>
> Can any of you tell me how well your NB2's work? What should
> I expect for performance if it is working ok?
>
> Ken
>
> 73's de Ken KG0WX - Kadiddlehopper #11808,
> Flying Pigs #-1055, Grid EM17io, TS-850SAT,
> Elecraft XG2, 4SQRP Tenna Dipper, Heath GD-1B
>

4727. Re: [TS-850_450_690] Re: TS-850SAT NB2 question

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-07 17:00:57 UTC
From: Ken Bessler
Topic: 4725 Message: 4727

----- Original Message -----
From: "grwescom" <wescom@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Sunday, May 07, 2006 11:51 AM
Subject: [TS-850_450_690] Re: TS-850SAT NB2 question

NB2 was designed to blank the pulses sent out by the old USSR over the horizon HF radar. This was an obnoxious, loud, woodpecker sound. NB2 has the width control because the received pulse width could vary from time to time as propagation varied - multipath could cause the pulse to widen out.

Now that the USSR is defunct as a military power and Russia is not worried about ICBM attacks from the US, NB2 will probably never need to be turned on. NB1 is the standard pulse noise blanker and that should be all that you need. If there are some situations where NB2 helps more than NB2, that's great - but I would not expect it.

Gary
N0GW
++

Thanks for the quick answer and explanation, Gary.

Russian woodpecker, hmmm? I'm getting AWACS radar on some bands/modes/antennas. Kinda goes tick, tick, tick like WWV.

....lemme try it......nope - no help.

Ken KG0WX

4728. TS-850s

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-07 17:28:40 UTC
From: ka3joi2004
Topic: 4728 Message: 4728

I am experiencing a problem with my '850. Receiving is fine. When I push the PTT on my mic in SSB and speak it keys the rig but it will not go back to RX for about 10-15 seconds, very bad when contesting! Any help will be appreciated. Thanks

paul, KA3JOI.

4729. Re: TS-850s

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-07 19:15:58 UTC
From: max_ve3tmt
Topic: 4728 Message: 4729

--- In TS-850_450_690@yahoogroups.com, "ka3joi2004" <ka3joi2004@...>
wrote:
>
> I am experiencing a problem with my '850. Receiving is fine. When I
> push the PTT on my mic in SSB and speak it keys the rig but it will
> not go back to RX for about 10-15 seconds, very bad when contesting!
> Any help will be appreciated. Thanks
>
> paul, KA3JOI.
>
Paul,

Is your VOX button pressed in?

Max

4730. WTB 850sat

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-07 19:23:45 UTC
From: Steve Foster
Topic: 4730 Message: 4730

Hello,after futzing around with many other hf rigs, I seem to always come back to the 850. I am looking to buy a 850sat, prefer late serial number from non smoking home. Let me know what you have for sale.
Thanks
WB5OMP

4731. Re: WTB 850sat

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-07 20:13:01 UTC
From: max_ve3tmt
Topic: 4730 Message: 4731

--- In TS-850_450_690@yahoogroups.com, "Steve Foster" <shfoster@...>
wrote:
>
> Hello,after futzing around with many other hf rigs, I seem to always
> come back to the 850. I am looking to buy a 850sat, prefer late serial
> number from non smoking home. Let me know what you have for sale.
> Thanks
> WB5OMP
>
Don't imagine anyone in the group wanting to sell Steve, but good
luck finding one, I'm on my 4th.

Max

4732. Re: [TS-850_450_690] TS-850s

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-07 21:24:25 UTC
From: VE3WEJ Gmail
Topic: 4728 Message: 4732

sounds like you have the vox on and vox delay are set too high

4733. Re: [TS-850_450_690] Re: TS-850SAT NB2 question

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-07 21:04:35 UTC
From: Colin J Thomson
Topic: 4725 Message: 4733

On Sunday 07 May 2006 18:00, Ken Bessler wrote:

> Russian woodpecker, hmmm? I'm getting AWACS radar on some
> bands/modes/antennas. Kinda goes tick, tick, tick like WWV.

For those of you who have not heard the "Woodpecker" before you may like to
listen to this:

http://www.cheniere.org/audio/Woodpecker.wav

For years in my SWL days the S meter on 14Mhz used to sit @40 over 9 making
the Band unusable.
Off Topic for the list but hope it may be of interest to the members..

73'es Colin G6AVK
--
Fedora Core 4, Custom Built Kernel 2.6.16-ck9
KDE-Redhat-3.5.2-3.0.fc4.kde
Registered Linux user number #342953

4734. Re: [TS-850_450_690] Re: TS-850SAT NB2 question

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-07 22:28:44 UTC
From: Zack Widup
Topic: 4725 Message: 4734

On Sun, 7 May 2006, Colin J Thomson wrote:

> On Sunday 07 May 2006 18:00, Ken Bessler wrote:
>
> > > Russian woodpecker, hmmm? I'm getting AWACS radar on some
> > > bands/modes/antennas. Kinda goes tick, tick, tick like WWV.
>
> For those of you who have not heard the "Woodpecker" before you may like to
> listen to this:
>
> http://www.cheniere.org/audio/Woodpecker.wav
>

That's Tom Bearden's website. I wasn't aware he had a recording of it!

I take his theories of what it really was with a grain of salt. Col. Tom
is a bit of a strange dude! :-)

73, Zack W9SZ

4735. Re: [TS-850_450_690] Re: TS-850SAT NB2 question

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-07 22:59:08 UTC
From: Colin J Thomson
Topic: 4725 Message: 4735

On Sunday 07 May 2006 23:28, Zack Widup wrote:
> On Sun, 7 May 2006, Colin J Thomson wrote:
> > On Sunday 07 May 2006 18:00, Ken Bessler wrote:
> > > Russian woodpecker, hmmm? I'm getting AWACS radar on some
> > > bands/modes/antennas. Kinda goes tick, tick, tick like WWV.
> >
> > For those of you who have not heard the "Woodpecker" before you may like
> > to listen to this:
> >
> > http://www.cheniere.org/audio/Woodpecker.wav
>
> That's Tom Bearden's website. I wasn't aware he had a recording of it!
>
> I take his theories of what it really was with a grain of salt. Col. Tom
> is a bit of a strange dude! :-)

Indeed Zack, I've just been taking a closer look :-)

73'es Colin G6AVK
--
Fedora Core 4, Custom Built Kernel 2.6.16-ck9
KDE-Redhat-3.5.2-3.0.fc4.kde
Registered Linux user number #342953

4736. Re: [TS-850_450_690] TS-850s

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-07 23:37:14 UTC
From: Paul Gondos
Topic: 4728 Message: 4736

No sir. That was first thing I looked for. Vox is definitely off.

>From: "VE3WEJ Gmail" <ve3wej@...>
>Reply-To: TS-850_450_690@yahoogroups.com
>To: <TS-850_450_690@yahoogroups.com>
>Subject: Re: [TS-850_450_690] TS-850s
>Date: Sun, 7 May 2006 17:24:25 -0400
>
>sounds like you have the vox on and vox delay are set too high
>

_____
Express yourself instantly with MSN Messenger! Download today - it's FREE!
http://messenger.msn.click-url.com/go/onm00200471ave/direct/01/

4737. RE: [TS-850_450_690] Re: TS-850s

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-07 23:39:28 UTC
From: Paul Gondos
Topic: 4728 Message: 4737

Hi Max:
Thanks for your answer but that was the first thing I looked at!! Vox is definitely off.

>From: "max_ve3tmt" <max_ve3tmt@...>
>Reply-To: TS-850_450_690@yahoogroups.com
>To: TS-850_450_690@yahoogroups.com
>Subject: [TS-850_450_690] Re: TS-850s
>Date: Sun, 07 May 2006 19:15:58 -0000
>
>--- In TS-850_450_690@yahoogroups.com, "ka3joi2004" <ka3joi2004@...>
>wrote:
> >
> > I am experiencing a problem with my '850. Receiving is fine. When I
> > push the PTT on my mic in SSB and speak it keys the rig but it will
> > not go back to RX for about 10-15 seconds, very bad when contesting!
> > Any help will be appreciated. Thanks
> >
> > paul, KA3JOI.
> >
>Paul,
>
>Is your VOX button pressed in?
>
>Max
>
>
>
>

Is your PC infected? Get a FREE online computer virus scan from McAfee?
Security. http://clinic.mcafee.com/clinic/ibuy/campaign.asp?cid=3963

4738. Good Clean TS-850S/AT Looking For An Ameritron AL-811H

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-08 00:41:55 UTC
From: Tracker
Topic: 4738 Message: 4738

My TS-850S/AT is looking for a gently used Ameritron AL-811H amp from a non-smoking home. If one is available it would make my TS-850S/AT extremely happy.

Mark Saunders, KJ7BS

Glendale, AZ

[Non-text portions of this message have been removed]

4739. Re: TS-850SAT NB2 question

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-08 19:34:47 UTC
From: Dan Janda
Topic: 4725 Message: 4739

Ken,

AWACS airborne radars are WAY different from those
used for HF Over the Horizon (OTH) radars, like the
woodpecker.

I'd expect a couple hundred pulses per second from
an AWACS radar, not a couple pulses per second or less.

I don't actually have any facts here -- just opinions.
How did you come to the conclusion that you were hearing
an AWACS radar?

Dan AA3LS

--- In TS-850_450_690@yahoogroups.com, "Ken Bessler" <kg0wx@...> wrote:
>...snip...
>
> Thanks for the quick answer and explanation, Gary.
>
> Russian woodpecker, hmmm? I'm getting AWACS radar on some
> bands/modes/antennas. Kinda goes tick, tick, tick like WWV.
>
> ....lemme try it......nope - no help.
>
> Ken KG0WX
>

4740. TS-850S Display goes black

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-08 22:28:36 UTC
From: warren.croke
Topic: 4740 Message: 4740

I recently purchased a pre-owned TS-850S, SN 30900284. The unit performed very well until this past weekend when the entire display went black. I shut the unit off, then back on and the display came back for a few minutes, then faded out entirely. The display hasn't come back since the last 'fade out'.

All other fuctions of the radio seem to be normal. I can change frequencies, filters, modes, bands and and volume.

I do not have a shop manual for the radio and there's no hint of what to do in the user manaul. Please give me some ideas on where and what I should look for when I open it up.

Thank you in advance for any suggestions you can offer.

73,
Warren, NW4C

4741. Re: [TS-850_450_690] Re: TS-850SAT NB2 question

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-08 23:41:36 UTC
From: Ken Bessler
Topic: 4725 Message: 4741

----- Original Message -----
From: "Dan Janda" <birchardvilleobservatory@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Monday, May 08, 2006 2:34 PM
Subject: [TS-850_450_690] Re: TS-850SAT NB2 question

> Ken,
>
> AWACS airborne radars are WAY different from those
> used for HF Over the Horizon (OTH) radars, like the
> woodpecker.
>
> I'd expect a couple hundred pulses per second from
> an AWACS radar, not a couple pulses per second or less.
>
> I don't actually have any facts here -- just opinions.
> How did you come to the conclusion that you were hearing
> an AWACS radar?
>
> Dan AA3LS

I live in Wichita, home to Boeing, Learjet, Raytheon, Cessna and
many other smaller companies. I live very close to Boeing and it's
neighbor, McConnell AFB. We see lot's of jets coming into here
for upgrades/testing, etc. I circled the base, testing for the signal
and it's defiantly coming from either the base or the shops at Boeing.

Several of the hams here that work at Boeing/McConnell identified
the interference when they heard it.

Ken KG0WX

4742. Re: TS-850S Display goes black

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-09 00:21:58 UTC
From: Clif
Topic: 4740 Message: 4742

--- In TS-850_450_690@yahoogroups.com, "warren.croke"
<warren.croke@...> wrote:
>
> I recently purchased a pre-owned TS-850S, SN 30900284. The unit
> performed very well until this past weekend when the entire display
went
> black. I shut the unit off, then back on and the display came back
for a
> few minutes, then faded out entirely. The display hasn't come back
since
> the last 'fade out'.
>
> All other fuctions of the radio seem to be normal. I can change
> frequencies, filters, modes, bands and and volume.
>
> I do not have a shop manual for the radio and there's no hint of
what to
> do in the user manaul. Please give me some ideas on where and what I
> should look for when I open it up.
>
> Thank you in advance for any suggestions you can offer.
>
> 73,
> Warren, NW4C
>

Tilt the front of the radio down (after removing covers of course).
Remove the display unit. In the middle of the backside of the board
is a large electrolytic cap (C18 IIRC). Replace it and repair the
damaged traces AND thru holes the acid damaged. Don't forget the thru
holes. Also one leg of the cap has it's connection under it. Trace it
out and jumper because the hole under it is usually no good.

Clif

4743. TS 850S and Signalink SL-1+

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-09 14:18:22 UTC
From: w7tea
Topic: 4743 Message: 4743

Is anyone using their 850 with a SL-1+ unit? I just got on PSK31 this weekend on another rig
and think I'll enjoy it greatly. Was contemplating dedicating the 850 to PSK operation.
Looking at the manual and Tigertronics web site, I'm confused on how to set it up. Do folks use the Mic or the ACC 2 port? How do you have the jumpers configured in the SL-1+?

Thanks, Gary W7TEA

4744. Re: [TS-850_450_690] TS 850S and Signalink SL-1+

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-09 19:32:12 UTC
From: VE3WEJ Gmail
Topic: 4743 Message: 4744

> use the Mic or the ACC 2 port?

I guess that depends on what interface you have. I have a rascal, and run it into the 13 pin acc jack

sorry i do not know the signallik versions

How do you have the jumpers configured in the SL-1+?
>
> Thanks, Gary W7TEA
>
>
>
>
>
>
>
> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
>
>
>
>
>
>

4745. Re: TS-850S Display goes black

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-10 00:27:25 UTC
From: Ronald Real
Topic: 4740 Message: 4745

Do you think I have this problem about to happen in my TS-850SAT?
When I first turn my 850 on, depending on the temperature, if it's
warm the display comes on fine, if cooler the display takes a little
longer to come up, but stays on and works fine. I s this normal?

WD5CIG
Ron

--- In TS-850_450_690@yahoogroups.com, "Clif" <clif@...> wrote:
>
> --- In TS-850_450_690@yahoogroups.com, "warren.croke"
> <warren.croke@> wrote:
> >
> > I recently purchased a pre-owned TS-850S, SN 30900284. The unit
> > performed very well until this past weekend when the entire
display
> went
> > black. I shut the unit off, then back on and the display came
back
> for a
> > few minutes, then faded out entirely. The display hasn't come
back
> since
> > the last 'fade out'.
> >
> > All other fuctions of the radio seem to be normal. I can change
> > frequencies, filters, modes, bands and and volume.
> >
> > I do not have a shop manual for the radio and there's no hint of
> what to
> > do in the user manaul. Please give me some ideas on where and
what I
> > should look for when I open it up.
> >
> > Thank you in advance for any suggestions you can offer.
> >
> > 73,
> > Warren, NW4C
> >
>
> Tilt the front of the radio down (after removing covers of course).
> Remove the display unit. In the middle of the backside of the
board
> is a large electrolytic cap (C18 IIRC). Replace it and repair the
> damaged traces AND thru holes the acid damaged. Don't forget the

thru
> holes. Also one leg of the cap has it's connection under it. Trace
it
> out and jumper because the hole under it is usually no good.
>
> Clif
>

4746. Re: AWACS stuff, was TS-850SAT NB2 question

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-10 00:33:13 UTC
From: Dan Janda
Topic: 4725 Message: 4746

Velly Interesting, Ken...

I lived in Wichita (actually Eastborough) during my
high school years. After sitting down to dinner, we'd wait until a
B-47 or B-52 went overhead, and then said "Grace" right away before
the next one came over.

Wasn't a ham then, and there weren't AWACS then either.

Your fellow hams may be right, but I suspect something else.
Boeing my have EMP testing facilities, or something else,
but I sure don't know from my experience, and they do from
theirs.

Regards, Dan AA3LS

--- In TS-850_450_690@yahoogroups.com, "Ken Bessler" <kg0wx@...> wrote:
>
>
> ----- Original Message -----
> From: "Dan Janda" <birchardvilleobservatory@...>
> To: <TS-850_450_690@yahoogroups.com>
> Sent: Monday, May 08, 2006 2:34 PM
> Subject: [TS-850_450_690] Re: TS-850SAT NB2 question
>
>
> > Ken,
> >
> > AWACS airborne radars are WAY different from those
> > used for HF Over the Horizon (OTH) radars, like the
> > woodpecker.
> >
> > I'd expect a couple hundred pulses per second from
> > an AWACS radar, not a couple pulses per second or less.
> >
> > I don't actually have any facts here -- just opinions.
> > How did you come to the conclusion that you were hearing
> > an AWACS radar?
> >
> > Dan AA3LS
>
> I live in Wichita, home to Boeing, Learjet, Raytheon, Cessna and
> many other smaller companies. I live very close to Boeing and it's
> neighbor, McConnell AFB. We see lot's of jets coming into here
> for upgrades/testing, etc. I circled the base, testing for the signal
> and it's defiantly coming from either the base or the shops at Boeing.

>
> Several of the hams here that work at Boeing/McConnell identified
> the interference when they heard it.
>
> Ken KG0WX
>

4747. Re: TS-850S Display goes black

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-10 01:28:44 UTC
From: max_ve3tmt
Topic: 4740 Message: 4747

As quoted on page 10 of the manual:

"Note: When switching the power on after a prologned period of non-use, several seconds may pass before indicators appear on the display. This is normal operation."

Max VE3TMT

4748. Re: TS-850S Display goes black

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-10 03:01:21 UTC
From: Clif
Topic: 4740 Message: 4748

I don't know but it won't hurt to look.

The earlier serial number radios when left off for an extended period
of time would take several seconds to come on. If turned on daily no
problem, if left off for a couple of weeks, it took some time. Kenwood
never acknowledged a problem but the later SN's didn't do it?????

Clif

--- In TS-850_450_690@yahoogroups.com, "Ronald Real" <ronreal@...> wrote:
>
> Do you think I have this problem about to happen in my TS-850SAT?
> When I first turn my 850 on, depending on the temperature, if it's
> warm the display comes on fine, if cooler the display takes a little
> longer to come up, but stays on and works fine. I s this normal?
>
> WD5CIG
> Ron
>
>
> --- In TS-850_450_690@yahoogroups.com, "Clif" <clif@> wrote:
> >
> > --- In TS-850_450_690@yahoogroups.com, "warren.croke"
> > <warren.croke@> wrote:
> > >
> > > I recently purchased a pre-owned TS-850S, SN 30900284. The unit
> > > performed very well until this past weekend when the entire
> display
> > went
> > > black. I shut the unit off, then back on and the display came
> back
> > for a
> > > few minutes, then faded out entirely. The display hasn't come
> back
> > since
> > > the last 'fade out'.
> > >
> > > All other fuctions of the radio seem to be normal. I can change
> > > frequencies, filters, modes, bands and and

volume.
> > >
> > > I do not have a shop manual for the radio and there's no hint of
> > what to
> > > do in the user manaul. Please give me some ideas on where and
> what I

> > > should look for when I open it up.
> > >
> > > Thank you in advance for any suggestions you can offer.
> > >
> > > 73,
> > > Warren, NW4C
> > >
> >
> > Tilt the front of the radio down (after removing covers of course).
> > Remove the display unit. In the middle of the backside of the
> board
> > is a large electrolytic cap (C18 IIRC). Replace it and repair the
> > damaged traces AND thru holes the acid damaged. Don't forget the
> thru
> > holes. Also one leg of the cap has it's connection under it. Trace
> it
> > out and jumper because the hole under it is usually no good.
> >
> > Clif
> >
>

4749. Operations Manual For TS-450sat

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-10 14:34:56 UTC
From: Craig Still
Topic: 4740 Message: 4749

Other than mods.dk, is there another source for a
manual for the TS450? A .pdf version would be fine.

Or, if you have such, contact me off the list.

Thanks,
Craig - N4CQR

_____
Do You Yahoo!?
Tired of spam? Yahoo! Mail has the best spam protection around
http://mail.yahoo.com

4750. Re: [TS-850_450_690] Operations Manual For TS-450sat

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-10 14:41:31 UTC
From: Lane Giard
Topic: 4740 Message: 4750

I have PDF file. Give me your e-mail address and I will send.

Lane, N7ZXP

----- Original Message -----
From: "Craig Still" <n4cqr@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Wednesday, May 10, 2006 7:34 AM
Subject: [TS-850_450_690] Operations Manual For TS-450sat

> Other than mods.dk, is there another source for a
> manual for the TS450? A .pdf version would be fine.
>
> Or, if you have such, contact me off the list.
>
> Thanks,
> Craig - N4CQR
>
>
>
>
> _____
> Do You Yahoo!?
> Tired of spam? Yahoo! Mail has the best spam protection around
> http://mail.yahoo.com
>
>
>
> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
>
>
>
>
>
>
>

4751. TS-850SAT loses receive

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-10 22:06:27 UTC
From: Dan Wright
Topic: 4740 Message: 4751

I just bought a used 850 from a fella and I have had it three days and it has developed a problem...or maybe it had the problem all along....?

When I either go into transmit, OR use the up/down buttons to change bands, the rig loses receive. There is no audio and no S-meter reading. If I turn the rig off and back on, the receive comes back...I have audio and S-meter.

I did a microprocessor reset and it did not solve the problem.

Any idears?

Thanks es

73 de Dan -- WAØJRD ..

4752. TS-850SAT loses receive UPDATE

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-10 23:20:07 UTC
From: Dan Wright
Topic: 4740 Message: 4752

UPDATE.....

It appears that it might be heat related and it also appears that
it might be related to the autotuner itself. Is there a "mod" for the
850, like there is for the 450 so that the tuner is in line in receive as
well as transmit? Or is that a standard feature of the 850?

>I just bought a used 850 from a fella and I have had it three
>days and it has developed a problem...or maybe it had the
>problem all along....?
>
>When I either go into transmit, OR use the up/down buttons
>to change bands, the rig loses receive. There is no audio
>and no S-meter reading. If I turn the rig off and back on,
>the receive comes back...I have audio and S-meter.
>
>I did a microprocessor reset and it did not solve the
>problem.

4753. Re: [TS-850_450_690] TS-850SAT loses receive UPDATE

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-11 00:39:49 UTC
From: Brian K. Gaskamp
Topic: 4740 Message: 4753

I keep the Thru/Auto in Auto at all times.

----- Original Message -----
From: Dan Wright
To: TS-850_450_690@yahoogroups.com
Sent: Wednesday, May 10, 2006 6:20 PM
Subject: [TS-850_450_690] TS-850SAT loses receive UPDATE

UPDATE.....

It appears that it might be heat related and it also appears that
it might be related to the autotuner itself. Is there a "mod" for the
850, like there is for the 450 so that the tuner is in line in receive as
well as transmit? Or is that a standard feature of the 850?

>I just bought a used 850 from a fella and I have had it three
>days and it has developed a problem...or maybe it had the
>problem all along....?
>
>When I either go into transmit, OR use the up/down buttons
>to change bands, the rig loses receive. There is no audio
>and no S-meter reading. If I turn the rig off and back on,
>the receive comes back...I have audio and S-meter.
>
>I did a microprocessor reset and it did not solve the
>problem.

THANKS FOR USING TS-850_450_690@...

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[Non-text portions of this message have been removed]

4754. Re: [TS-850_450_690] TS-850SAT loses receive UPDATE

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-11 00:45:32 UTC
From: Brian K. Gaskamp
Topic: 4740 Message: 4754

I should have said on my 850.

----- Original Message -----
From: Brian K. Gaskamp
To: TS-850_450_690@yahoogroups.com
Sent: Wednesday, May 10, 2006 7:39 PM
Subject: Re: [TS-850_450_690] TS-850SAT loses receive UPDATE

I keep the Thru/Auto in Auto at all times.

----- Original Message -----
From: Dan Wright
To: TS-850_450_690@yahoogroups.com
Sent: Wednesday, May 10, 2006 6:20 PM
Subject: [TS-850_450_690] TS-850SAT loses receive UPDATE

UPDATE.....

It appears that it might be heat related and it also appears that
it might be related to the autotuner itself. Is there a "mod" for the
850, like there is for the 450 so that the tuner is in line in receive as
well as transmit? Or is that a standard feature of the 850?

>I just bought a used 850 from a fella and I have had it three
>days and it has developed a problem...or maybe it had the
>problem all along....?
>
>When I either go into transmit, OR use the up/down buttons
>to change bands, the rig loses receive. There is no audio
>and no S-meter reading. If I turn the rig off and back on,
>the receive comes back...I have audio and S-meter.
>
>I did a microprocessor reset and it did not solve the
>problem.

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[Non-text portions of this message have been removed]

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[Non-text portions of this message have been removed]

4755. Re: [TS-850_450_690] Mods for the 450SAT

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-11 12:45:24 UTC
From: Russell Blair
Topic: 4740 Message: 4755

What "mods" and what can I get a list of them for my
450SAT.

Thanks Russell (NC5O)

--- Dan Wright <dwright12@...> wrote:

>
> UPDATE.....
>
> It appears that it might be heat related and it also
> appears that
> it might be related to the autotuner itself. Is
> there a "mod" for the
> 850, like there is for the 450 so that the tuner is
> in line in receive as
> well as transmit? Or is that a standard feature of
> the 850?
>
> >I just bought a used 850 from a fella and I have
> had it three
> >days and it has developed a problem...or maybe it
> had the
> >problem all along....?
> >
> >When I either go into transmit, OR use the up/down
> buttons
> >to change bands, the rig loses receive. There is no
> audio
> >and no S-meter reading. If I turn the rig off and
> back on,
> >the receive comes back...I have audio and S-meter.
> >
> >I did a microprocessor reset and it did not solve
> the
> >problem.
>
>

===
Russell Blair
QTH ========= Richardson Tx
CALL ========= NC5O
GRID ========= EM12tx
FH# ========== 300
===

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4756. OK...who works on TS-850s??

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-11 16:49:28 UTC
From: Dan Wright
Topic: 4740 Message: 4756

Who would y'all recommend to work on my TS-850SAT with
the occasional loss of receive problem??

I have sent many a Kenwood to Clif at AVVID, but I guess he
is no longer doing repairs......bummer.....

Thanks es

73 de Dan -- WAØJRD ..

4757. Re: [TS-850_450_690] OK...who works on TS-850s??

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-11 17:17:50 UTC
From: Jack
Topic: 4740 Message: 4757

Hi Dan,

I have never used his service but from everything I have read and heard Tim does great, quick , reasonably priced work. Here is his website http://www.tdcommunications.net/ . I suggest that you get in touch with him and depending on what you hear, maybe consider him for your TS-850. Read some reviews about him at http://www.eham.net/reviews/detail/3554 . Good luck and please let the group know how you make out.

73,
Jack, N1JLW

4758. TS-450 Case Stains

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-11 17:54:50 UTC
From: Craig Still
Topic: 4740 Message: 4758

I recently acquired a TS-450Sat. Everything is fine
except appearance. On the top of the case there are
stains from what looked like impressions from the
rubber feet of other equipment which are for the most
part circular cigarette smoke stains.

I have tried to remove the mess with, Goo Gone, Crown
Spray Power, rubbing compound, SoftScrub, alcohol,
and lastly soaking the damn thing with pure household
ammonia. Nothing has had any effect.
The amazing thing is the front panel and inside are
extremely clean which leads me to think the stains are
from gas heat / cooking.

Anyone have any suggestions?

Thanks in advance,
Craig

_____
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http://mail.yahoo.com

4759. Re: [TS-850_450_690] OK...who works on TS-850s??

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-11 19:09:52 UTC
From: John
Topic: 4740 Message: 4759

Or....you could contact Bill K0ZL, he appears to specialise
on Kenwood, and he is here on this group. I think he lives
in Colorado somewhere. Give him a call, he sounds like
a nice guy, and has repaired many 850's and 440's.

73

John ZS5J
Richards Bay, South Africa

----- Original Message -----
From: Jack
To: TS-850_450_690@yahoogroups.com
Sent: Thursday, May 11, 2006 7:17 PM
Subject: Re: [TS-850_450_690] OK...who works on TS-850s??

Hi Dan,

I have never used his service but from everything I have read and heard
Tim does great, quick , reasonably priced work. Here is his website
http://www.tdcommunications.net/ . I suggest that you get in touch with him
and depending on what you hear, maybe consider him for your TS-850. Read
some reviews about him at http://www.eham.net/reviews/detail/3554 . Good
luck and please let the group know how you make out.

73,
Jack, N1JLW

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No virus found in this incoming message.
Checked by AVG Free Edition.

Version: 7.1.392 / Virus Database: 268.5.6/336 - Release Date: 5/10/2006

[Non-text portions of this message have been removed]

4760. Re: [TS-850_450_690] OK...who works on TS-850s??

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-11 19:18:45 UTC
From: Paul Manuel
Topic: 4740 Message: 4760

--- John <jkramer@...> wrote:
> Or....you could contact Bill K0ZL, he appears to specialise
> on Kenwood, and he is here on this group. I think he lives
> in Colorado somewhere. Give him a call, he sounds like
> a nice guy, and has repaired many 850's and 440's.

Bill is THE MAN. I am not sure why he has faded into the background of his groups. He did a repair on my 850 about a year ago, and has dispensed tons of priceless info on the web. I, for one, sure miss his input! If he is still doing repairs, his email was coorsbill@... last time I communicated with him.
You can read reviews of his work here: www.eham.net/reviews/detail/3784
73,
Paul K4PDM

_____
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http://mail.yahoo.com

4761. Re: [TS-850_450_690] OK...who works on TS-850s??

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-11 21:54:47 UTC
From: Brian K. Gaskamp
Topic: 4740 Message: 4761

KI4NR is great at repairs, and very reasonable also.

----- Original Message -----
From: Dan Wright
To: TS-850_450_690@yahoogroups.com
Sent: Thursday, May 11, 2006 11:49 AM
Subject: [TS-850_450_690] OK...who works on TS-850s??

Who would y'all recommend to work on my TS-850SAT with
the occasional loss of receive problem??

I have sent many a Kenwood to Clif at AVVID, but I guess he
is no longer doing repairs......bummer.....

Thanks es

73 de Dan -- WAØJRD ..

THANKS FOR USING TS-850_450_690@...

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[Non-text portions of this message have been removed]

4762. Re: [TS-850_450_690] Mods for the 450SAT

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-11 21:56:36 UTC
From: Brian K. Gaskamp
Topic: 4740 Message: 4762

Try www.mods.dk

----- Original Message -----
From: Russell Blair
To: TS-850_450_690@yahoogroups.com
Sent: Thursday, May 11, 2006 7:45 AM
Subject: Re: [TS-850_450_690] Mods for the 450SAT

What "mods" and what can I get a list of them for my
450SAT.

Thanks Russell (NC5O)

--- Dan Wright <dwright12@...> wrote:

>
> UPDATE.....
>
> It appears that it might be heat related and it also
> appears that
> it might be related to the autotuner itself. Is
> there a "mod" for the
> 850, like there is for the 450 so that the tuner is
> in line in receive as
> well as transmit? Or is that a standard feature of
> the 850?
>
> >I just bought a used 850 from a fella and I have
> had it three
> >days and it has developed a problem...or maybe it
> had the
> >problem all along....?
> >
> >When I either go into transmit, OR use the up/down
> buttons
> >to change bands, the rig loses receive. There is no
> audio
> >and no S-meter reading. If I turn the rig off and
> back on,
> >the receive comes back...I have audio and S-meter.
> >
> >I did a microprocessor reset and it did not solve
> the
> >problem.
>
>

==========
Russell Blair
QTH ========= Richardson Tx
CALL ========= NC5O
GRID ========= EM12tx
FH# ========== 300
==========

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http://mail.yahoo.com

THANKS FOR USING TS-850_450_690@...

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[Non-text portions of this message have been removed]

4763. Re: OK...who works on TS-850s??

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-11 22:00:59 UTC
From: w7tea
Topic: 4740 Message: 4763

Bill, K0ZL worked on my 850 year and half ago. He did a string of mods and changed the battery. I was very pleased and thought he was very reasonable.

Here is his site:
http://www.amateur-repairs.com/

You might check his turn around time because I believe he's popular. He also gave me the name, which I've misplaced, of another ham specializing in Kenwood repairs.

GL, Gary W7TEA

--- In TS-850_450_690@yahoogroups.com, Dan Wright <dwright12@...> wrote:
>
>
> Who would y'all recommend to work on my TS-850SAT with
> the occasional loss of receive problem??
>

4764. Re: [TS-850_450_690] OK...who works on TS-850s??

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-12 00:33:13 UTC
From: Dan Wright
Topic: 4740 Message: 4764

Thanks guys for all the great suggestions.... :-)

I have plenty to check out!

73 de Dan -- WA0JRD ..

4765. OK...who works on TS-850s??

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-12 01:41:24 UTC
From: Anthony W. DePrato WA4JQS
Topic: 4740 Message: 4765

>Rich N8UX has repaired and updated 3 of mine. plus a lot of other
>kenwood and icom radios. You might contact him on this list also.

73 Tony

Anthony W. DePrato WA4JQS
QCWA # 23602 10X # 3621
A1-OP FISTS # 10573 AMI # 1274
NCDXF # 1036 RNARS # 1309 SKCC # 1227
DXCC PHONE DXCC RTTY DXCC CW
Lis. 1962 Calls Held
VP8BZL VP8SSI 3Y0PI V31SS ZD8JQS
WA4JQS/ZS1 WA4JQS/4K1 WA4JQS/KC4

4766. Re: [TS-850_450_690] Operations Manual For TS-450sat

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-14 09:04:27 UTC
From: marian aradoaei
Topic: 4740 Message: 4766

I have the manual, send me your adress.
bye

--- Craig Still <n4cqr@...> wrote:

> Other than mods.dk, is there another source for a
> manual for the TS450? A .pdf version would be fine.
>
> Or, if you have such, contact me off the list.
>
> Thanks,
> Craig - N4CQR
>
>
>
>
> _____
> Do You Yahoo!?
> Tired of spam? Yahoo! Mail has the best spam
> protection around
> http://mail.yahoo.com
>

_____
Do You Yahoo!?
Tired of spam? Yahoo! Mail has the best spam protection around
http://mail.yahoo.com

4767. Re: [TS-850_450_690] Operations Manual For TS-450sat

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-14 13:53:46 UTC
From: Craig Still
Topic: 4740 Message: 4767

Thank you very much. The one from mods.dk is a really
poor copy.

My address is n4cqr@...

Thanks for taking the time to assist me.

Craig

--- marian aradoaei <yo3diu@...> wrote:

> I have the manual, send me your adress.
> bye
>
> --- Craig Still <n4cqr@...> wrote:
>
> > Other than mods.dk, is there another source for a
> > manual for the TS450? A .pdf version would be
> fine.
> >
> > Or, if you have such, contact me off the list.
> >
> > Thanks,
> > Craig - N4CQR
> >
> >
> >
> >
> > _____
> > Do You Yahoo!?
> > Tired of spam? Yahoo! Mail has the best spam
> > protection around
> > http://mail.yahoo.com
> >
>
>
> _____
> Do You Yahoo!?
> Tired of spam? Yahoo! Mail has the best spam
> protection around
> http://mail.yahoo.com
>
>
>

Do You Yahoo!?
Tired of spam? Yahoo! Mail has the best spam protection around
http://mail.yahoo.com

4768. Re: [TS-850_450_690] Operations Manual For TS-450sat

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-14 14:21:30 UTC
From: VE3WEJ Gmail
Topic: 4740 Message: 4768

You could also download yourself

http://www.radioamador.org/rel/arq/kenwood/kenwood_ts450s_690s_instr_man_sch_pdf.zip

They also have the service manual listed

http://www.radioamador.org/rel/arq/kenwood/kenwood_ts450s_690s_serv_man_sch_pdf.zip

not sure of there quality, hope you have high speed

Dave Garber
ve3wej/ve3ie

----- Original Message -----
From: "Craig Still" <n4cqr@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Sunday, May 14, 2006 9:53 AM
Subject: Re: [TS-850_450_690] Operations Manual For TS-450sat

> Thank you very much. The one from mods.dk is a really
> poor copy.
>
> My address is n4cqr@...
>
> Thanks for taking the time to assist me.
>
> Craig
>
>
> --- marian aradoaei <yo3diu@...> wrote:
>
>> I have the manual, send me your adress.
>> bye
>>
>> --- Craig Still <n4cqr@...> wrote:
>>
>> > Other than mods.dk, is there another source for a
>> > manual for the TS450? A .pdf version would be
>> fine.
>> >
>> > Or, if you have such, contact me off the list.
>> >
>> > Thanks,
>> > Craig - N4CQR
>> >
>> >
>> >

>> >
>> > _____
>> > Do You Yahoo!?
>> > Tired of spam? Yahoo! Mail has the best spam
>> > protection around
>> > http://mail.yahoo.com
>> >
>>
>>
>> _____
>> Do You Yahoo!?
>> Tired of spam? Yahoo! Mail has the best spam
>> protection around
>> http://mail.yahoo.com
>>
>>
>>
>
>
> _____
> Do You Yahoo!?
> Tired of spam? Yahoo! Mail has the best spam protection around
> http://mail.yahoo.com
>
>
>
> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
>
>
>
>
>
>
>

4769. Re: [TS-850_450_690] Operations Manual For TS-450sat

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-14 14:53:52 UTC
From: Bud Haynes
Topic: 4740 Message: 4769

marian aradoaei wrote:
> I have the manual, send me your adress.
> bye
>
> --- Craig Still <n4cqr@...> wrote:
>
>> Other than mods.dk, is there another source for a
>> manual for the TS450? A .pdf version would be fine.

If possible would appreciate the file also.
Thanks
Bud - KV7G - Glenrock, WY

kv7g@...

4770. Re: [TS-850_450_690] Operations Manual For TS-450sat

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-14 14:50:35 UTC
From: Craig Still
Topic: 4740 Message: 4770

I was in hopes of finding a better copy. Or at least a
copy who's pages are straight.

Thnks, Dave, for the suggestion,

Craig

Do You Yahoo!?
Tired of spam? Yahoo! Mail has the best spam protection around
http://mail.yahoo.com

4771. Re: Operations Manual For TS-450sat

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-14 16:15:28 UTC
From: n5kzw
Topic: 4740 Message: 4771

To which email were you replying? The one suggesting mods.dk, or the
one suggesting radioamador.org?

Regards,
Ed

--- In TS-850_450_690@yahoogroups.com, Craig Still <n4cqr@...> wrote:
>
> I was in hopes of finding a better copy. Or at least a
> copy who's pages are straight.
>
> Thnks, Dave, for the suggestion,
>
> Craig
>
>
>
>
> ---
> Do You Yahoo!?
> Tired of spam? Yahoo! Mail has the best spam protection around
> http://mail.yahoo.com
>

4772. Re: [TS-850_450_690] Re: Operations Manual For TS-450sat

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-14 21:44:52 UTC
From: Craig Still
Topic: 4740 Message: 4772

Ed,

They both appear to be the same copy. Many of the
pages are slanted to one side or the other, poor
rendition etc. etc. I simply thought there was a
better copy available somewhere.

Hard to believe there is only one (poor) copy of this
manual.

Craig

--- n5kzw <n5kzw@...> wrote:

> To which email were you replying? The one
> suggesting mods.dk, or the
> one suggesting radioamador.org?

_____
Do You Yahoo!?
Tired of spam? Yahoo! Mail has the best spam protection around
http://mail.yahoo.com

4773. Re: [TS-850_450_690] Re: Operations Manual For TS-450sat

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-14 22:50:56 UTC
From: VE3WEJ Gmail
Topic: 4740 Message: 4773

I have a manual on pdf here, and I dont find the slant offensive, concidering most pdf are made by persons at home, and uploaded to sites like mods.dk and others, I am happy to at least have something to read and give me my answer....Anyway, several sites contain the manual. were they created by the same person, I dont know, but keep them coming, until a better one comes along. Is that possible????

also, where are all the manuals going that come with the radio....It like the old "batteries sold separately" idea

Dave Garber
ve3wej/ve3ie
----- Original Message -----
From: "Craig Still" <n4cqr@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Sunday, May 14, 2006 5:44 PM
Subject: Re: [TS-850_450_690] Re: Operations Manual For TS-450sat

> Ed,
>
> They both appear to be the same copy. Many of the
> pages are slanted to one side or the other, poor
> rendition etc. etc. I simply thought there was a
> better copy available somewhere.
>
> Hard to believe there is only one (poor) copy of this
> manual.
>
> Craig
>
>
> --- n5kzw <n5kzw@...> wrote:
>
>> To which email were you replying? The one
>> suggesting mods.dk, or the
>> one suggesting radioamador.org?
>
>
> _____
> Do You Yahoo!?
> Tired of spam? Yahoo! Mail has the best spam protection around
> http://mail.yahoo.com
>
>
>
> THANKS FOR USING TS-850_450_690@...

> Yahoo! Groups Links
>
>
>
>
>
>
>

4775. Re: [TS-850_450_690] Re: Operations Manual For TS-450sat

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-15 00:45:45 UTC
From: Tom Osborne
Topic: 4740 Message: 4775

I have found that there is an option in Acrobat Reader to rotate the view and you can turn the manual around so that it is in the right direction instead of sideways. I rotated mine and printed out what I needed and it looked OK. 73
Tom W7WHY

>I have a manual on pdf here, and I dont find the slant offensive,
> concidering most pdf are made by persons at home, and >uploaded to sites
> like mods.dk and others,

4777. TS-850 : list of parts to spare?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-16 11:54:23 UTC
From: ha7wac
Topic: 4777 Message: 4777

Hi all! I am the proud owner of a TS870 but always wanted a TS850, so I got a mint one 2 weeks ago.
Well I read a lot about this marvel of tech. I worry only about the fact after a while there won't be some important parts.
I know that some common components can be easily replaced as capas, resistors, diodes... but what about some boards like DC-DC (if it cannot be repaired) etc...

Wouldn't it be a good idea if a tech OM could make a list of the parts every 850 owner should buy to keep "alive" their 850 as long as possible before they decide not to produce 'em anymore? And this list would be put in the "files" part of this forum...

What's your opinion about this? (Sorry I'm not a tech, and I just want to enjoy, as anyone of us, a long time my 850).

Thanks for reading me,
vy73 and God Bless you all,
Chris

4778. Does anybody have a spare DC-DC converter board?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-16 18:10:54 UTC
From: Dave
Topic: 4778 Message: 4778

I'm in need of a X59-1100-00 DC-DC converter board for a TS-850 needed on Field Day. I have them on order at both East Coast Transistor and Pacific Parts - have been on order for months. Both sources say they're out of stock.

Does anybody have one they'd part with?

I'll be at Dayton, if that's a convenient place to make the transaction.

TIA,

Dave W8NF
Hillsboro, OR

4779. Re: [TS-850_450_690] Does anybody have a spare DC-DC converter board?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-16 19:16:34 UTC
From: Daniel Hileman
Topic: 4778 Message: 4779

Hi Dave,

Email Doyle Kc9enh@... he just ordered a DC-DC converter and it's already on its way to him, I think he ordered it from universal radio, I thiiiink. Hope that helps.

73,
Daniel N9WX

Dave <emailw8nf@...> wrote:
I'm in need of a X59-1100-00 DC-DC converter board for a TS-850 needed
on Field Day. I have them on order at both East Coast Transistor and
Pacific Parts - have been on order for months. Both sources say
they're out of stock.

Does anybody have one they'd part with?

I'll be at Dayton, if that's a convenient place to make the transaction.

TIA,

Dave W8NF
Hillsboro, OR

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[Non-text portions of this message have been removed]

4780. Re: [TS-850_450_690] TS-850 : list of parts to spare?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-17 07:28:38 UTC
From: Demitrios Kalomiris
Topic: 4777 Message: 4780

Hi Chris.
My name is Demitrios. Friends call me Jimmy.
I think that its a good idea and I would like to have a list like that OM.
Have fun with your 850..
73's de sv1gsl

ha7wac <ha7wac@...> wrote:
Hi all! I am the proud owner of a TS870 but always wanted a TS850, so I
got a mint one 2 weeks ago.
Well I read a lot about this marvel of tech. I worry only about the
fact after a while there won't be some important parts.
I know that some common components can be easily replaced as capas,
resistors, diodes... but what about some boards like DC-DC (if it
cannot be repaired) etc...

Wouldn't it be a good idea if a tech OM could make a list of the parts
every 850 owner should buy to keep "alive" their 850 as long as
possible before they decide not to produce 'em anymore? And this list
would be put in the "files" part of this forum...

What's your opinion about this? (Sorry I'm not a tech, and I just want
to enjoy, as anyone of us, a long time my 850).

Thanks for reading me,
vy73 and God Bless you all,
Chris

THANKS FOR USING TS-850_450_690@...

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2¢/min or less.

[Non-text portions of this message have been removed]

4781. Re: TS-850 : list of parts to spare?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-17 10:56:18 UTC
From: max_ve3tmt
Topic: 4777 Message: 4781

ha7wac <ha7wac@...> wrote:

> Wouldn't it be a good idea if a tech OM could make a list of the parts
> every 850 owner should buy to keep "alive" their 850 as long as
> possible before they decide not to produce 'em anymore?

IF board
RF board
Filter board
PA board
DC-DC board
CAR board
Digital board

...and the list goes on. We could be here listing parts all day Chris. Best thing to do it keep your eyes peeled on eBay and QTH.com for 850 parts. Fred, N8BX, had a few boards on eBay not too long ago. I have purcased from him a few times and the quality and shipping are first rate. Prices are very reasonable too. Of course the easiest thing would be to buy a second 850 for parts and keep it in the closet. At a fleamarket just this past weekend a guy was selling an 850 with PS52 supply for $700 CDN. That is a good price, the rig was mint.

Max VE3TMT

4782. Re: TS-850 : list of parts to spare?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-17 17:40:19 UTC
From: Dave
Topic: 4777 Message: 4782

Max, are ALL of those boards failure-prone? I have, for instance, NEVER heard of either a PA or a filter board failing. I think the list should be limited to those things that commonly fail. My list, off the top of my head:

* The antenna surge supressor and whatever supports it
* A slew of capacitors to replace the famous leaking ones
* DC-DC converter board - or more
* Replace the CAR board pre-emptively if it has old DDS chips on it
* Replace the backup battery, and put it in a coin cell holder, pre-emptively

Dave W8NF

--- In TS-850_450_690@yahoogroups.com, "max_ve3tmt" <max_ve3tmt@...> wrote:
>
> ha7wac <ha7wac@> wrote:
>
> > Wouldn't it be a good idea if a tech OM could make a list of the parts
> > every 850 owner should buy to keep "alive" their 850 as long as
> > possible before they decide not to produce 'em anymore?
>
>
> IF board
> RF board
> Filter board
> PA board
> DC-DC board
> CAR board
> Digital board
>
> ...and the list goes on. We could be here listing parts all day Chris.
> Best thing to do it keep your eyes peeled on eBay and QTH.com for 850
> parts. Fred, N8BX, had a few boards on eBay not too long ago. I have
> purcased from him a few times and the quality and shipping are first
> rate. Prices are very reasonable too. Of course the easiest thing
> would be to buy a second 850 for parts and keep it in the closet. At a
> fleamarket just this past weekend a guy was selling an 850 with PS52
> supply for $700 CDN. That is a good price, the rig was mint.
>
> Max VE3TMT
>

4783. Re: TS-850 : list of parts to spare?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-17 20:39:52 UTC
From: max_ve3tmt
Topic: 4777 Message: 4783

--- In TS-850_450_690@yahoogroups.com, "Dave" <emailw8nf@...> wrote:
>
> Max, are ALL of those boards failure-prone? I have, for instance,
> NEVER heard of either a PA or a filter board failing. I think the
> list should be limited to those things that commonly fail.

Hey Dave,

Yeah I was just poking fun. I guess my point was just buy a second 850 and keep it on hand for parts. The CAR board and DC-DC board for sure, some caps. Come to think of it not much else goes wrong with tese rigs, they are just that good. My latest acquisition was a Timewave DSP-9+. I feed the audio out from the 850 to the unit and then run the filtered audio into my soundcard for digital modes. What a difference it makes on weak signals. Perfect copy now.

73,
Max

4784. Re: TS-850 : list of parts to spare?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-18 07:27:01 UTC
From: ha7wac
Topic: 4777 Message: 4784

Hello Guys,
Thanks a lot for your answers!
So DC-DC and CAR board are most prone to go wrong.
As far as I know they still can be ordered at Kenwoodparts.
Could be a good idea to order them. Caps can be found elsewhere and surge protector will be allright if I always plug off the antenna cable.
So I dunno if it's worth buying a 2nd 850...

QUESTION: are TS450 DC-DC and CAR board same as on the 850? (got a mint 450 at home... :)

Hope to cross antennas someday on the air with you.
All the best,
vy73 de ha7wac ...-.-

--- In TS-850_450_690@yahoogroups.com, "max_ve3tmt" <max_ve3tmt@...> wrote:
>
> --- In TS-850_450_690@yahoogroups.com, "Dave" <emailw8nf@> wrote:
> >
> > Max, are ALL of those boards failure-prone? I have, for instance,
> > NEVER heard of either a PA or a filter board failing. I think the
> > list should be limited to those things that commonly fail.
>
> Hey Dave,
>
> Yeah I was just poking fun. I guess my point was just buy a second 850
> and keep it on hand for parts. The CAR board and DC-DC board for sure,
> some caps. Come to think of it not much else goes wrong with tese rigs,
> they are just that good. My latest acquisition was a Timewave DSP-9+. I
> feed the audio out from the 850 to the unit and then run the filtered
> audio into my soundcard for digital modes. What a difference it makes
> on weak signals. Perfect copy now.
>
> 73,
> Max
>

4785. Re: TS-850 : list of parts to spare?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-18 10:45:02 UTC
From: max_ve3tmt
Topic: 4777 Message: 4785

--- In TS-850_450_690@yahoogroups.com, "ha7wac" <ha7wac@...> wrote:
>
> Hello Guys,
> Thanks a lot for your answers!
> So DC-DC and CAR board are most prone to go wrong.
> As far as I know they still can be ordered at Kenwoodparts.
> Could be a good idea to order them. Caps can be found elsewhere and
> surge protector will be allright if I always plug off the antenna
> cable.
> So I dunno if it's worth buying a 2nd 850...
>
> QUESTION: are TS450 DC-DC and CAR board same as on the 850? (got a
> mint 450 at home... :)

I don't think the boards are the same as this board generates the carrier used for the TX monitor circuit, which the 450 doesn't have. I would also pick up a spare TRX board. It controls the TX/RX switching and solders on to the IF board. Only about $11 US at East Coast Transistor.

Max

4786. No memory in my TS-450 Battery OK

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-18 20:19:49 UTC
From: Ed
Topic: 4786 Message: 4786

Hello to the group.

I recently acquired a TS-450 from an estate that will not hold the memories
(holds them fine when the radio is on).
The battery is OK. I'm wondering if anyone can give some information on this
problem.
The battery was not replaced on the board. Instead wires were soldered to
the board and a battery holder was put on the other end of the wires.

Thanks for any help you can give me.

Ed, WB3LKO

--

I am using the free version of SPAMfighter for private users.
It has removed 489 spam emails to date.
Paying users do not have this message in their emails.
Get the free SPAMfighter here: http://www.spamfighter.com/len

4787. Re: No memory in my TS-450 Battery OK

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-18 21:18:49 UTC
From: Clif
Topic: 4786 Message: 4787

--- In TS-850_450_690@yahoogroups.com, "Ed" <chapnom1@...> wrote:
>
> Hello to the group.
>
> I recently acquired a TS-450 from an estate that will not hold the
memories
> (holds them fine when the radio is on).
> The battery is OK. I'm wondering if anyone can give some information
on this
> problem.
> The battery was not replaced on the board. Instead wires were
soldered to
> the board and a battery holder was put on the other end of the wires.
>
> Thanks for any help you can give me.
>
> Ed, WB3LKO
>

Battery wired backwards.

Clif

4788. Re: [TS-850_450_690] Re: No memory in my TS-450 Battery OK

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-18 22:48:35 UTC
From: VE3WEJ Gmail
Topic: 4786 Message: 4788

or soldering killed battery voltage

Dave Garber
ve3wej/ve3ie
----- Original Message -----
From: "Clif" <clif@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Thursday, May 18, 2006 5:18 PM
Subject: [TS-850_450_690] Re: No memory in my TS-450 Battery OK

> --- In TS-850_450_690@yahoogroups.com, "Ed" <chapnom1@...> wrote:
>>
>> Hello to the group.
>>
>> I recently acquired a TS-450 from an estate that will not hold the
> memories
>> (holds them fine when the radio is on).
>> The battery is OK. I'm wondering if anyone can give some information
> on this
>> problem.
>> The battery was not replaced on the board. Instead wires were
> soldered to
>> the board and a battery holder was put on the other end of the wires.
>>
>> Thanks for any help you can give me.
>>
>> Ed, WB3LKO
>>
>
> Battery wired backwards.
>
> Clif
>
>
>
>
>
>
> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
>
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>

>

4789. Re: [TS-850_450_690] Re: No memory in my TS-450 Battery OK

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-18 23:18:03 UTC
From: Ed
Topic: 4786 Message: 4789

----- Original Message -----
From: Clif
To: TS-850_450_690@yahoogroups.com
Sent: Thursday, May 18, 2006 5:18 PM
Subject: [TS-850_450_690] Re: No memory in my TS-450 Battery OK

--- In TS-850_450_690@yahoogroups.com, "Ed" <chapnom1@...> wrote:
>
> Hello to the group.
>
> I recently acquired a TS-450 from an estate that will not hold the
memories
> (holds them fine when the radio is on).
> The battery is OK. I'm wondering if anyone can give some information
on this
> problem.
> The battery was not replaced on the board. Instead wires were
soldered to
> the board and a battery holder was put on the other end of the wires.
>
> Thanks for any help you can give me.
>
> Ed, WB3LKO
>

Battery wired backwards.

Clif

Thanks for the reply Clif, but the it seems to wired correctly.

Thanks, Ed

THANKS FOR USING TS-850_450_690@...

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Checked by AVG Free Edition.
Version: 7.1.392 / Virus Database: 268.6.0/342 - Release Date: 5/17/2006

--

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[Non-text portions of this message have been removed]

4790. Re: [TS-850_450_690] Re: No memory in my TS-450 Battery OK

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-18 23:20:34 UTC
From: Ed
Topic: 4786 Message: 4790

Thanks for the reply Dave...the battery is showing 3.16 volts to the board.

Ed

----- Original Message -----
From: VE3WEJ Gmail
To: TS-850_450_690@yahoogroups.com
Sent: Thursday, May 18, 2006 6:48 PM
Subject: Re: [TS-850_450_690] Re: No memory in my TS-450 Battery OK

or soldering killed battery voltage

Dave Garber
ve3wej/ve3ie
----- Original Message -----
From: "Clif" <clif@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Thursday, May 18, 2006 5:18 PM
Subject: [TS-850_450_690] Re: No memory in my TS-450 Battery OK

> --- In TS-850_450_690@yahoogroups.com, "Ed" <chapnom1@...> wrote:
>>
>> Hello to the group.
>>
>> I recently acquired a TS-450 from an estate that will not hold the
> memories
>> (holds them fine when the radio is on).
>> The battery is OK. I'm wondering if anyone can give some information
> on this
>> problem.
>> The battery was not replaced on the board. Instead wires were
> soldered to
>> the board and a battery holder was put on the other end of the wires.
>>
>> Thanks for any help you can give me.
>>
>> Ed, WB3LKO
>>
>
> Battery wired backwards.
>
> Clif
>
>
>
>

>
>
> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
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[Non-text portions of this message have been removed]

4791. Re: No memory in my TS-450 Battery OK

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-18 23:58:28 UTC
From: max_ve3tmt
Topic: 4786 Message: 4791

--- In TS-850_450_690@yahoogroups.com, "Ed" <chapnom1@...> wrote:

> Thanks for the reply Clif, but the it seems to wired correctly.

I just did the battery mod on an 850, when testing found the same thing. Memories wouln't hold. Checked the battery and noticed I had wired it backwards!! Revered the wiring and all is fine. I would have suggested the same thing.

Max VE3TMT

4792. Re: [TS-850_450_690] Re: No memory in my TS-450 Battery OK

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-19 00:10:59 UTC
From: Ed
Topic: 4786 Message: 4792

OK Max, I'll give it a try.

Thanks, Ed

----- Original Message -----
From: max_ve3tmt
To: TS-850_450_690@yahoogroups.com
Sent: Thursday, May 18, 2006 7:58 PM
Subject: [TS-850_450_690] Re: No memory in my TS-450 Battery OK

--- In TS-850_450_690@yahoogroups.com, "Ed" <chapnom1@...> wrote:

> Thanks for the reply Clif, but the it seems to wired correctly.

I just did the battery mod on an 850, when testing found the same
thing. Memories wouln't hold. Checked the battery and noticed I had
wired it backwards!! Revered the wiring and all is fine. I would have
suggested the same thing.

Max VE3TMT

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Checked by AVG Free Edition.
Version: 7.1.392 / Virus Database: 268.6.0/342 - Release Date: 5/17/2006

--

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[Non-text portions of this message have been removed]

4793. Re: [TS-850_450_690] Re: No memory in my TS-450 Battery OK

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-19 00:47:53 UTC
From: Ed
Topic: 4786 Message: 4793

Max,

I took the battery out of the holder and put it back in the other way to reverse the polarity...still no luck.

Thanks, Ed

----- Original Message -----
From: max_ve3tmt
To: TS-850_450_690@yahoogroups.com
Sent: Thursday, May 18, 2006 7:58 PM
Subject: [TS-850_450_690] Re: No memory in my TS-450 Battery OK

--- In TS-850_450_690@yahoogroups.com, "Ed" <chapnom1@...> wrote:

> Thanks for the reply Clif, but the it seems to wired correctly.

I just did the battery mod on an 850, when testing found the same
thing. Memories wouln't hold. Checked the battery and noticed I had
wired it backwards!! Revered the wiring and all is fine. I would have
suggested the same thing.

Max VE3TMT

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Version: 7.1.392 / Virus Database: 268.6.0/342 - Release Date: 5/17/2006

--

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[Non-text portions of this message have been removed]

4794. Re: [TS-850_450_690] Re: No memory in my TS-450 Battery OK

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-19 01:49:56 UTC
From: VE3WEJ Gmail
Topic: 4786 Message: 4794

page 54 of the manual says battery replacement must be followed by a a=b
reset. maybe it has to be done before the memories will keep

Dave Garber
ve3wej/ve3ie
----- Original Message -----
From: "Ed" <chapnom1@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Thursday, May 18, 2006 8:47 PM
Subject: Re: [TS-850_450_690] Re: No memory in my TS-450 Battery OK

> Max,
>
> I took the battery out of the holder and put it back in the other way to
> reverse the polarity...still no luck.
>
> Thanks, Ed
>
>
> ----- Original Message -----
> From: max_ve3tmt
> To: TS-850_450_690@yahoogroups.com
> Sent: Thursday, May 18, 2006 7:58 PM
> Subject: [TS-850_450_690] Re: No memory in my TS-450 Battery OK
>
>
> --- In TS-850_450_690@yahoogroups.com, "Ed" <chapnom1@...> wrote:
>
>> Thanks for the reply Clif, but the it seems to wired correctly.
>
> I just did the battery mod on an 850, when testing found the same
> thing. Memories wouln't hold. Checked the battery and noticed I had
> wired it backwards!! Revered the wiring and all is fine. I would have
> suggested the same thing.
>
> Max VE3TMT
>
>
>
>
>
> THANKS FOR USING TS-850_450_690@...
>
>
>

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>
> ---
> YAHOO! GROUPS LINKS
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> a.. Visit your group "TS-850_450_690" on the web.
>
> b.. To unsubscribe from this group, send an email to:
> TS-850_450_690-unsubscribe@yahoogroups.com
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>
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> --
> ---
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>
> [Non-text portions of this message have been removed]
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> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
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4795. Re: [TS-850_450_690] Re: No memory in my TS-450 Battery OK

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-19 02:10:33 UTC
From: Fred Van Veen
Topic: 4786 Message: 4795

I think that's the answer. The microprocessor must be reset.
Fred
On May 18, 2006, at 9:49 PM, VE3WEJ Gmail wrote:

> page 54 of the manual says battery replacement must be followed by
> a a=b
> reset. maybe it has to be done before the memories will keep
>
>
>
> Dave Garber
> ve3wej/ve3ie
> ----- Original Message -----
> From: "Ed" <chapnom1@...>
> To: <TS-850_450_690@yahoogroups.com>
> Sent: Thursday, May 18, 2006 8:47 PM
> Subject: Re: [TS-850_450_690] Re: No memory in my TS-450 Battery OK
>
>
>
>> Max,
>>
>> I took the battery out of the holder and put it back in the other
>> way to
>> reverse the polarity...still no luck.
>>
>> Thanks, Ed
>>
>>
>> ----- Original Message -----
>> From: max_ve3tmt
>> To: TS-850_450_690@yahoogroups.com
>> Sent: Thursday, May 18, 2006 7:58 PM
>> Subject: [TS-850_450_690] Re: No memory in my TS-450 Battery OK
>>
>>
>> --- In TS-850_450_690@yahoogroups.com, "Ed" <chapnom1@...> wrote:
>>
>>
>>> Thanks for the reply Clif, but the it seems to wired correctly.
>>>
>>
>> I just did the battery mod on an 850, when testing found the same
>> thing. Memories wouln't hold. Checked the battery and noticed I had
>> wired it backwards!! Revered the wiring and all is fine. I would have

>> suggested the same thing.
>>
>> Max VE3TMT
>>
>>
>>
>>
>>
>> THANKS FOR USING TS-850_450_690@...
>>
>>
>>
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>>
>> ---
>> ---
>> YAHOO! GROUPS LINKS
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>> a.. Visit your group "TS-850_450_690" on the web.
>>
>> b.. To unsubscribe from this group, send an email to:
>> TS-850_450_690-unsubscribe@yahoogroups.com
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>> c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of
>> Service.
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>>
>> No virus found in this incoming message.
>> Checked by AVG Free Edition.
>> Version: 7.1.392 / Virus Database: 268.6.0/342 - Release Date:
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>>
>> --
>> ---
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>>
>>
>> [Non-text portions of this message have been removed]
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>>
>> THANKS FOR USING TS-850_450_690@...
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> Yahoo! Groups Links
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4796. Re: [TS-850_450_690] Re: No memory in my TS-450 Battery OK

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-19 02:57:24 UTC
From: Ed
Topic: 4786 Message: 4796

That was done several times Dave...still not working.

Thanks, Ed

----- Original Message -----
From: VE3WEJ Gmail
To: TS-850_450_690@yahoogroups.com
Sent: Thursday, May 18, 2006 9:49 PM
Subject: Re: [TS-850_450_690] Re: No memory in my TS-450 Battery OK

page 54 of the manual says battery replacement must be followed by a a=b
reset. maybe it has to be done before the memories will keep

Dave Garber
ve3wej/ve3ie
----- Original Message -----
From: "Ed" <chapnom1@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Thursday, May 18, 2006 8:47 PM
Subject: Re: [TS-850_450_690] Re: No memory in my TS-450 Battery OK

> Max,
>
> I took the battery out of the holder and put it back in the other way to
> reverse the polarity...still no luck.
>
> Thanks, Ed
>
>
> ----- Original Message -----
> From: max_ve3tmt
> To: TS-850_450_690@yahoogroups.com
> Sent: Thursday, May 18, 2006 7:58 PM
> Subject: [TS-850_450_690] Re: No memory in my TS-450 Battery OK
>
>
> --- In TS-850_450_690@yahoogroups.com, "Ed" <chapnom1@...> wrote:
>
>> Thanks for the reply Clif, but the it seems to wired correctly.
>
> I just did the battery mod on an 850, when testing found the same
> thing. Memories wouln't hold. Checked the battery and noticed I had
> wired it backwards!! Revered the wiring and all is fine. I would have
> suggested the same thing.
>
> Max VE3TMT

>
>
>
>
>
> THANKS FOR USING TS-850_450_690@...
>
>
>
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>
>
> ---
> YAHOO! GROUPS LINKS
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> a.. Visit your group "TS-850_450_690" on the web.
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> b.. To unsubscribe from this group, send an email to:
> TS-850_450_690-unsubscribe@yahoogroups.com
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>
> --
> ---
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>
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> [Non-text portions of this message have been removed]
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> THANKS FOR USING TS-850_450_690@...
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[Non-text portions of this message have been removed]

4797. Re: [TS-850_450_690] Re: No memory in my TS-450 Battery OK

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-19 03:03:58 UTC
From: Daryll
Topic: 4786 Message: 4797

Follow the voltage to where it goes through the board to the other side. It comes off the battery, through 1 or 2 devices, then through a hole in the board. Check to see that there is voltage through that hole. That's what was wrong with mine, same symptoms. Had to run a small jumper.

Daryll N8EBR
==========

----- Original Message -----
From: "Ed" <chapnom1@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Thursday, May 18, 2006 10:57 PM
Subject: Re: [TS-850_450_690] Re: No memory in my TS-450 Battery OK

> That was done several times Dave...still not working.
>
> Thanks, Ed
>
>
> ----- Original Message -----
> From: VE3WEJ Gmail
> To: TS-850_450_690@yahoogroups.com
> Sent: Thursday, May 18, 2006 9:49 PM
> Subject: Re: [TS-850_450_690] Re: No memory in my TS-450 Battery OK
>
>
> page 54 of the manual says battery replacement must be followed by a a=b
> reset. maybe it has to be done before the memories will keep

4798. Re: No memory in my TS-450 Battery OK

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-19 13:23:22 UTC
From: Clif
Topic: 4786 Message: 4798

> > I took the battery out of the holder and put it back in the other way to
> > reverse the polarity...still no luck.
> >
> > Thanks, Ed
> >
> >

If that's like most battery holders reversing the battery won't reverse the polarity, it won't connect. Make sure you have 3.2v to the circuit board. Hook the negative of the VOM to the chassis, not the battery. That will show if it's a bad ground. If the battery is reversed it will read negative numbers.

Clif

4799. Re: [TS-850_450_690] Re: No memory in my TS-450 Battery OK

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-19 19:48:47 UTC
From: Ed
Topic: 4786 Message: 4799

----- Original Message -----
From: Clif
To: TS-850_450_690@yahoogroups.com
Sent: Friday, May 19, 2006 9:23 AM
Subject: [TS-850_450_690] Re: No memory in my TS-450 Battery OK

> > I took the battery out of the holder and put it back in the other
way to
> > reverse the polarity...still no luck.
> >
> > Thanks, Ed
> >
> >

If that's like most battery holders reversing the battery won't
reverse the polarity, it won't connect. Make sure you have 3.2v to the
circuit board. Hook the negative of the VOM to the chassis, not the
battery. That will show if it's a bad ground. If the battery is
reversed it will read negative numbers.

Clif

I did check it that way and got the voltage to the board...with the battery reversed I got
a negative reading.

Thanks, Ed

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[Non-text portions of this message have been removed]

4800. If -323c Interface

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-20 18:07:27 UTC
From: kc2jku
Topic: 4800 Message: 4800

Hi. I bought a IF-323c Interface for my Kenwood TS450S. I am having trouble hooking it up and it keeps telling me to shut off my packet. Am I missing something. I have never used packet on this radio. Is there something else I am missing.
Thanks for your help

4801. Re: [TS-850_450_690] If -323c Interface

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-20 18:38:16 UTC
From: VE3WEJ Gmail
Topic: 4800 Message: 4801

explain how you have the 232c hooked up, via the 6 pin din???? and what
serial port are you on..is it the correct one

need more info......also are you running 4800 baud....?????

Dave Garber
ve3wej/ve3ie
----- Original Message -----
From: "kc2jku" <kc2jku@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Saturday, May 20, 2006 2:07 PM
Subject: [TS-850_450_690] If -323c Interface

Hi. I bought a IF-323c Interface for my Kenwood TS450S. I am having
trouble hooking it up and it keeps telling me to shut off my packet.
Am I missing something. I have never used packet on this radio. Is
there something else I am missing.
Thanks for your help

THANKS FOR USING TS-850_450_690@...
Yahoo! Groups Links

4802. Re: If -323c Interface

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-20 18:45:47 UTC
From: kc2jku
Topic: 4800 Message: 4802

I know the seril port works com1 because I just tesed it with another
sorce. I am using a6 pin cross cord pluged into the side of the
radio. How do I know if I am using 4800 baun. I have tried it on
auto-detect also. Thanks for getting back to me.

--- In TS-850_450_690@yahoogroups.com, "VE3WEJ Gmail" <ve3wej@...> wrote:
>
> explain how you have the 232c hooked up, via the 6 pin din???? and what
> serial port are you on..is it the correct one
>
>
> need more info......also are you running 4800 baud....?????
>
>
>
> Dave Garber
> ve3wej/ve3ie
> ----- Original Message -----
> From: "kc2jku" <kc2jku@...>
> To: <TS-850_450_690@yahoogroups.com>
> Sent: Saturday, May 20, 2006 2:07 PM
> Subject: [TS-850_450_690] If -323c Interface
>
>
> Hi. I bought a IF-323c Interface for my Kenwood TS450S. I am having
> trouble hooking it up and it keeps telling me to shut off my packet.
> Am I missing something. I have never used packet on this radio. Is
> there something else I am missing.
> Thanks for your help
>
>
>
>
>
>
>
> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
>

4803. Re: [TS-850_450_690] Re: If -323c Interface

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-20 20:06:44 UTC
From: VE3WEJ Gmail
Topic: 4800 Message: 4803

I am using a6 pin cross cord pluged into the side of the

if by cross-cord you mean a null cable, this should be straight 6 pin to 6 pin...mine was the floppy cable from a commodore 64 computer

what software are you using.....the setup should show you port settings

> radio. How do I know if I am using 4800 baun. I have tried it on
> auto-detect also. Thanks for getting back to me.
>
>
>
> --- In TS-850_450_690@yahoogroups.com, "VE3WEJ Gmail" <ve3wej@...> wrote:
>>
>> explain how you have the 232c hooked up, via the 6 pin din???? and what
>> serial port are you on..is it the correct one
>>
>>
>> need more info......also are you running 4800 baud....?????
>>
>>
>>
>> Dave Garber
>> ve3wej/ve3ie
>> ----- Original Message -----
>> From: "kc2jku" <kc2jku@...>
>> To: <TS-850_450_690@yahoogroups.com>
>> Sent: Saturday, May 20, 2006 2:07 PM
>> Subject: [TS-850_450_690] If -323c Interface
>>
>>
>> Hi. I bought a IF-323c Interface for my Kenwood TS450S. I am having
>> trouble hooking it up and it keeps telling me to shut off my packet.
>> Am I missing something. I have never used packet on this radio. Is
>> there something else I am missing.
>> Thanks for your help
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>> THANKS FOR USING TS-850_450_690@...
>> Yahoo! Groups Links
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> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
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4804. Re: If -323c Interface

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-20 20:32:30 UTC
From: kc2jku
Topic: 4800 Message: 4804

I am using Ham Radio Deluxe. It says 4800 Baud. It also says to check
and make sure the Packet is off. It is a used Interface. I hjope I am
just doing something wrong and not bad interface

--- In TS-850_450_690@yahoogroups.com, "VE3WEJ Gmail" <ve3wej@...> wrote:
>
> I am using a6 pin cross cord pluged into the side of the
>
> if by cross-cord you mean a null cable, this should be straight 6
pin to 6
> pin...mine was the floppy cable from a commodore 64 computer
>
>
> what software are you using........the setup should show you port
settings
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>
> > radio. How do I know if I am using 4800 baun. I have tried it on
> > auto-detect also. Thanks for getting back to me.
> >
> >
> >
> > --- In TS-850_450_690@yahoogroups.com, "VE3WEJ Gmail" <ve3wej@> wrote:
> >>
> >> explain how you have the 232c hooked up, via the 6 pin din????
and what
> >> serial port are you on..is it the correct one
> >>
> >>
> >> need more info......also are you running 4800 baud....?????
> >>
> >>
> >>
> >> Dave Garber
> >> ve3wej/ve3ie
> >> ----- Original Message -----
> >> From: "kc2jku" <kc2jku@>
> >> To: <TS-850_450_690@yahoogroups.com>
> >> Sent: Saturday, May 20, 2006 2:07 PM
> >> Subject: [TS-850_450_690] If -323c Interface
> >>
> >>
> >> Hi. I bought a IF-323c Interface for my Kenwood TS450S. I am having

> >> trouble hooking it up and it keeps telling me to shut off my packet.
> >> Am I missing something. I have never used packet on this radio. Is
> >> there something else I am missing.
> >> Thanks for your help
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> >> THANKS FOR USING TS-850_450_690@
> >> Yahoo! Groups Links
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> > THANKS FOR USING TS-850_450_690@...
> > Yahoo! Groups Links
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4805. Re: If -323c Interface

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-20 21:54:17 UTC
From: max_ve3tmt
Topic: 4800 Message: 4805

--- In TS-850_450_690@yahoogroups.com, "kc2jku" <kc2jku@...> wrote:
>
> I am using Ham Radio Deluxe. It says 4800 Baud. It also says to check
> and make sure the Packet is off. It is a used Interface. I hjope I am
> just doing something wrong and not bad interface

Make sure you have selected 4800, 8 data bits, no parity, 1 stop bit.
If that doesn't work try 2 stop bits. Both my HRD and MixW require
different settings. If the IF232 is faulty, you can build a new one
based on the circuit in the files section. It cost me under $20 in new
parts.

Max VE3TMT

4806. Re: If -323c Interface

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-20 23:56:09 UTC
From: kc2jku
Topic: 4800 Message: 4806

I tried them all. It keeps saing ythe same thing. So it is eather the box cord. Thanks for the help. If you think of anything else I will try it.

--- In TS-850_450_690@yahoogroups.com, "max_ve3tmt" <max_ve3tmt@...> wrote:
>
> --- In TS-850_450_690@yahoogroups.com, "kc2jku" <kc2jku@> wrote:
> >
> > I am using Ham Radio Deluxe. It says 4800 Baud. It also says to check
> > and make sure the Packet is off. It is a used Interface. I hjope I am
> > just doing something wrong and not bad interface
>
> Make sure you have selected 4800, 8 data bits, no parity, 1 stop bit.
> If that doesn't work try 2 stop bits. Both my HRD and MixW require
> different settings. If the IF232 is faulty, you can build a new one
> based on the circuit in the files section. It cost me under $20 in new
> parts.
>
> Max VE3TMT
>

4807. Re: [TS-850_450_690] Re: If -323c Interface

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-21 02:21:57 UTC
From: VE3WEJ Gmail
Topic: 4800 Message: 4807

also, make sure your serial cable is at least 7 wire(factory made??) as
opposed to home wired , not 3 wire..

so maybe try a different cable, and verify again that you are on the correct
port

Dave Garber
ve3wej/ve3ie
----- Original Message -----
From: "kc2jku" <kc2jku@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Saturday, May 20, 2006 7:56 PM
Subject: [TS-850_450_690] Re: If -323c Interface

I tried them all. It keeps saing ythe same thing. So it is eather the
box cord. Thanks for the help. If you think of anything else I will
try it.

--- In TS-850_450_690@yahoogroups.com, "max_ve3tmt" <max_ve3tmt@...>
wrote:
>
> --- In TS-850_450_690@yahoogroups.com, "kc2jku" <kc2jku@> wrote:
> >
> > I am using Ham Radio Deluxe. It says 4800 Baud. It also says to check
> > and make sure the Packet is off. It is a used Interface. I hjope I am
> > just doing something wrong and not bad interface
>
> Make sure you have selected 4800, 8 data bits, no parity, 1 stop bit.
> If that doesn't work try 2 stop bits. Both my HRD and MixW require
> different settings. If the IF232 is faulty, you can build a new one
> based on the circuit in the files section. It cost me under $20 in new
> parts.
>
> Max VE3TMT
>

THANKS FOR USING TS-850_450_690@...
Yahoo! Groups Links

4808. Re: No memory in my TS-450 Battery OK

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-21 07:07:27 UTC
From: Dennis, Philippines low budget HAM
Topic: 4786 Message: 4808

Kenwood TS-450SAT

Re: No memory in my TS-450 Battery OK

Hi !

You could have a bad memory chip. Or the previous owner or someone has disable the memory write on your radio. It says in the Service Manual at page 42

(number) 6 Memory protect write inhibit

(Number) 7 Extended Function Menu 1

Item 21 Memory protect 2 (write inhibit) should be OFF

Check this item, this could be it.

While you're at it also check the other items that they are set to there default settings.

There are explanation how to go to this extended menu function in the Service Manual. This goes the same for other Kenwood radios too.

Let us know what happens then

regards,
Dennis Ls. M. Cruz DV7-BKO
the Philippines

4809. [OT] USGS Ground conductivity map online

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-21 12:50:34 UTC
From: Ken Bessler
Topic: 4809 Message: 4809

If you want to see how conductive the soil is in your area (USA),
there is a map showing that at the bottom of my homepage at:

http://members.cox.net/kg0wx/

Enjoy!

73's de Ken KG0WX - Kadiddlehopper #11808,
Flying Pigs #-1055, Grid EM17io, TS-850SAT, AL-84,
Elecraft XG2, 4SQRP Tenna Dipper, Heath GD-1B

4810. Re: [TS-850_450_690] Re: No memory in my TS-450 Battery OK

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-21 16:06:19 UTC
From: Ed
Topic: 4786 Message: 4810

----- Original Message -----
From: Dennis, Philippines low budget HAM
To: TS-850_450_690@yahoogroups.com
Sent: Sunday, May 21, 2006 3:07 AM
Subject: [TS-850_450_690] Re: No memory in my TS-450 Battery OK

Kenwood TS-450SAT

Re: No memory in my TS-450 Battery OK

Hi !

You could have a bad memory chip. Or the previous owner or someone
has disable the memory write on your radio. It says in the Service
Manual at page 42

(number) 6 Memory protect write inhibit

(Number) 7 Extended Function Menu 1

Item 21 Memory protect 2 (write inhibit) should be OFF

Check this item, this could be it.

While you're at it also check the other items that they are set to
there default settings.

There are explanation how to go to this extended menu function in the
Service Manual. This goes the same for other Kenwood radios too.

Let us know what happens then

regards,
Dennis Ls. M. Cruz DV7-BKO
the Philippines

Hello Denis, I followed your suggestion and checked the Extended Function menu and all items were set to the defaults. Item 21 was set to off. The problem is some where else...probably beyond my ability to find it.
Thanks so much for your reply.

73, Ed, WB3LKO

THANKS FOR USING TS-850_450_690@...

SPONSORED LINKS Ham radio Craft hobby Hobby and craft supply
Rules of the road

YAHOO! GROUPS LINKS

a.. Visit your group "TS-850_450_690" on the web.

b.. To unsubscribe from this group, send an email to:
TS-850_450_690-unsubscribe@yahoogroups.com

c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

No virus found in this incoming message.
Checked by AVG Free Edition.
Version: 7.1.392 / Virus Database: 268.6.1/344 - Release Date: 5/19/2006

--

I am using the free version of SPAMfighter for private users.
It has removed 492 spam emails to date.
Paying users do not have this message in their emails.
Get the free SPAMfighter here: http://www.spamfighter.com/len

[Non-text portions of this message have been removed]

4811. DC-DC Converter Source

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-22 13:03:03 UTC
From: kc9enh
Topic: 4811 Message: 4811

I ordered a converter board from Burghardt on a Saturday afternoon and had it (in Indiana) the following Thursday morning via UPS. Was on the air 45 minutes later. Give these people a call for your card if needed.

K9DEH

4812. Microphone woes

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-22 13:08:19 UTC
From: kc9enh
Topic: 4812 Message: 4812

Now that my 850 is transmitting I have received poor audio reports. The only mike I have is an MC-42S hand mike. I am supposing this was the Kenwood issue for this rig. I have a Heil desk mike on the way at some point. I am wondering if there are any suggestions for improving the audio quality from a hand mike. I have turned off the processor and high boost. Listened to myself with headphones in moni mode. I agreee I sound pretty sad <wink>.

Thank you
K9DEH

4813. Re: [TS-850_450_690] DC-DC Converter Source

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-22 14:29:22 UTC
From: Ken Bessler
Topic: 4811 Message: 4813

Which radio was that for? How much was it?

Ken KG0WX
TS-850SAT

----- Original Message -----
From: "kc9enh" <kc9enh@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Monday, May 22, 2006 8:03 AM
Subject: [TS-850_450_690] DC-DC Converter Source

I ordered a converter board from Burghardt on a Saturday afternoon and had it (in
Indiana) the following Thursday morning via UPS. Was on the air 45 minutes later. Give
these people a call for your card if needed.

K9DEH

THANKS FOR USING TS-850_450_690@...
Yahoo! Groups Links

4814. Re: DC-DC Converter Source

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-22 14:41:03 UTC
From: kc9enh
Topic: 4811 Message: 4814

Sorry, 850 and price $13.06 plus shipping.

--- In TS-850_450_690@yahoogroups.com, "Ken Bessler" <kg0wx@...> wrote:
>
> Which radio was that for? How much was it?
>
> Ken KG0WX

4815. Re: Microphone woes

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-22 14:44:29 UTC
From: max_ve3tmt
Topic: 4812 Message: 4815

Could be one of many issues. Have you tried another Kenwood mic? This would rule out the chance of a bad element in the hand mic. Highly unlikely but possible. The MC-43S is the standard issue mic with the 850.

Has the carrier point ever been adjusted in your radio? If not set right, you could sound very muddy or extremely tinny. I use a Behringer XM8500 mic straight into my 850 and ALWAYS run the processor and high boost. I set my processor for about 5 db of compression and get very good audio reports.

What filter bandwidth are you transmitting through?

Keep us informed please.

Max VE3TMT

4816. Re: Microphone woes

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-22 17:57:56 UTC
From: kc9enh
Topic: 4812 Message: 4816

Alas, I have no other 13 pin mic. I must read up on the filtering as I
am new to this rig and not aware of filtering options that come into
play on transmit other than what the hi-boost and processor perform.

--- In TS-850_450_690@yahoogroups.com, "max_ve3tmt" <max_ve3tmt@...>
wrote:
>
> Could be one of many issues. Have you tried another Kenwood mic? This
> would rule out the chance of a bad element in the hand mic. Highly
> unlikely but possible. The MC-43S is the standard issue mic with the
850.
>
> Has the carrier point ever been adjusted in your radio? If not set
> right, you could sound very muddy or extremely tinny. I use a
> Behringer XM8500 mic straight into my 850 and ALWAYS run the processor
> and high boost. I set my processor for about 5 db of compression and
> get very good audio reports.
>
> What filter bandwidth are you transmitting through?
>
> Keep us informed please.
>
> Max VE3TMT
>

4817. Re: Microphone woes

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-22 19:09:52 UTC
From: max_ve3tmt
Topic: 4812 Message: 4817

--- In TS-850_450_690@yahoogroups.com, "kc9enh" <kc9enh@...> wrote:
>
> Alas, I have no other 13 pin mic. I must read up on the filtering as I
> am new to this rig and not aware of filtering options that come into
> play on transmit other than what the hi-boost and processor perform.

Mic is 8-pin. The filter width can be selected in transmit if enabled.

4818. Re: [TS-850_450_690] Re: Microphone woes

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-22 19:25:03 UTC
From: n7ioh@cybertrails.com
Topic: 4812 Message: 4818

> On the Microphone problem. Perhaps there is a local ham that has
> a known good mic that you could borrow and test to verify if you
> indeed have a bad mic. Many times substitution is the best method
> of trouble shooting. If you can't borrow a mic maybe you can take
> your mic to another ham's QTH and plug it into his Kenwood for a test.

Al, n7ioh
>
>
>
>
>
> ------------------------ Yahoo! Groups Sponsor --------------------
> ~-->
> Protect your PC from spy ware with award winning anti spy
> technology. It's free.
> http://us.click.yahoo.com/97bhrC/LGxNAA/yQLSAA/ELTolB/TM
> ---
> ~->
>
> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
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4819. TS850 and D10-4

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-23 13:14:08 UTC
From: ha7wac
Topic: 4819 Message: 4819

Hello All,
I have a TS450, TS870 and for couple weeks a TS850.

Until now I have used a D104 trouble free (no RF feedback, clean modulation...) on the first 2 rigs mentionned above.
When I tried to hook up the mike on the 850, no problem with the background, but whenever I start to talk into the mike (functions: boost off and proc off, mic level at 9 o'clock) the ALC does go full scale easily and same noise will occur as when we have rf feed back, whatever the PWR output, at 10W also. Original hand mike works OK, MC80 also works OK. Is the trouble on the D104 (bad wired?) or are the 850 circuits else ? Any idea what it can be?

Thanks a lot in advance for any help or any idea,

vy73 Chris

PS: Other subject, if some of you are interested, DDS board on my 850 has the newer chips (66312), and s/n is 403####

4820. Re: TS850 and D10-4

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-23 15:46:55 UTC
From: max_ve3tmt
Topic: 4819 Message: 4820

I recall using a D-104 on one of my 850's but had to turn the mic gain down to almost off. Have you tried this? And also with this mic YOU CERTAINLY DON'T NEED THE PROCESSOR ON!

Max VE3TMT

4821. Re: Microphone woes

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-23 18:38:44 UTC
From: Dave
Topic: 4812 Message: 4821

Of late, I have been experimenting with audio processing. Not on the air, but just at audio. The Kenwood stock microphone has severely restricted highs and lows, compared to everything else in my shack. Bear in mind that the TS-850 was initially aimed at hard-core contesters and DXers. That's why it has such a bulletproof front-end - those are the guys who need those front-ends. That's also why it has the great RF speech clipper and the "high boost" feature. The microphone, accordingly, has a characteristically restricted frequency response.

I have used a cheap Panasonic dynamic mic, intended for use with an old cassette recorder, on my TS-850, and received "Wow, GREAT audio!" reports with it. I bought the mic for $1.50 from an eBay seller.

Dave W8NF

--- In TS-850_450_690@yahoogroups.com, "kc9enh" <kc9enh@...> wrote:
>
> Now that my 850 is transmitting I have received poor audio reports. The only mike I
> have is an MC-42S hand mike. I am supposing this was the Kenwood issue for this rig.
> I have a Heil desk mike on the way at some point. I am wondering if there are any
> suggestions for improving the audio quality from a hand mike. I have turned off the
> processor and high boost. Listened to myself with headphones in moni mode. I agreee
> I sound pretty sad <wink>.
>
> Thank you
> K9DEH
>

4822. Re: Microphone woes

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-23 20:17:52 UTC
From: max_ve3tmt
Topic: 4812 Message: 4822

--- In TS-850_450_690@yahoogroups.com, "Dave" <emailw8nf@...> wrote:

> I have used a cheap Panasonic dynamic mic, intended for use with an
> old cassette recorder, on my TS-850, and received "Wow, GREAT audio!"
> reports with it. I bought the mic for $1.50 from an eBay seller.

Dave,

You're right, doesn't take much to make the rig sound good. I have used everything from Behringer rack gear with condensor mics to Heil's and now use a $39 Behringer dynamic mic with no processing other than what's in the radio. Even with 100 watts and a vertical I usually get through pileups on the first or second call. As you can see in my latest shack photo I have done away with all the external gear and still get great reports on the audio.

Max

4823. Someone awhile back mentioned a 850S Capacitor Kit? Is it Ready?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-23 23:23:37 UTC
From: Steve Gehring
Topic: 4819 Message: 4823

Did the capacitor kit that someone was putting together come to fruition?

Thanks.

NL7W

Not in, but around, Palmer, Alaska

--
No virus found in this incoming message.
Checked by AVG Free Edition.
Version: 7.1.392 / Virus Database: 268.7.0/345 - Release Date: 5/22/2006

--
No virus found in this outgoing message.
Checked by AVG Free Edition.
Version: 7.1.394 / Virus Database: 268.7.0/345 - Release Date: 5/22/2006

[Non-text portions of this message have been removed]

4824. Re: Someone awhile back mentioned a 850S Capacitor Kit? Is it Ready?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-23 23:41:04 UTC
From: max_ve3tmt
Topic: 4819 Message: 4824

Hey Steve,

Next time you hear any VE3's give me a shout on my phone 613-389-1271
I need Alaska for my WAS PSK.

Max

4825. Re: [TS-850_450_690] Re: Someone awhile back mentioned a 850S Capacitor Kit? Is it Ready?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-23 23:46:54 UTC
From: Lane Giard
Topic: 4819 Message: 4825

That's cheating.

----- Original Message -----
From: "max_ve3tmt" <max_ve3tmt@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Tuesday, May 23, 2006 4:41 PM
Subject: [TS-850_450_690] Re: Someone awhile back mentioned a 850S Capacitor Kit? Is it Ready?

Hey Steve,

Next time you hear any VE3's give me a shout on my phone 613-389-1271
I need Alaska for my WAS PSK.

Max

THANKS FOR USING TS-850_450_690@...
Yahoo! Groups Links

4826. alaska

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-24 00:26:44 UTC
From: VE3WEJ Gmail
Topic: 4826 Message: 4826

You have to work them just like the rest of us MAX...

Dave Garber
ve3wej/ve3ie

----- Original Message -----
From: "Lane Giard" <lanegiard@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Tuesday, May 23, 2006 7:46 PM
Subject: Re: [TS-850_450_690] Re: Someone awhile back mentioned a 850S Capacitor Kit? Is it Ready?

That's cheating.

----- Original Message -----
From: "max_ve3tmt" <max_ve3tmt@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Tuesday, May 23, 2006 4:41 PM
Subject: [TS-850_450_690] Re: Someone awhile back mentioned a 850S Capacitor Kit? Is it Ready?

Hey Steve,

Next time you hear any VE3's give me a shout on my phone 613-389-1271
I need Alaska for my WAS PSK.

Max

THANKS FOR USING TS-850_450_690@...
Yahoo! Groups Links

THANKS FOR USING TS-850_450_690@...
Yahoo! Groups Links

4827. Re: alaska

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-24 01:06:53 UTC
From: max_ve3tmt
Topic: 4826 Message: 4827

--- In TS-850_450_690@yahoogroups.com, "VE3WEJ Gmail" <ve3wej@...> wrote:
>
> You have to work them just like the rest of us MAX...

Gee I thought that WAS working them. How is it any different from
using a spotting network?

Maybe I'm wrong and your responses were in humour! I really hope so.

4828. Re: [TS-850_450_690] Re: alaska

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-24 01:23:55 UTC
From: VE3WEJ Gmail
Topic: 4826 Message: 4828

yep, forgot the silly hi hi
Dave Garber
ve3wej/ve3ie
----- Original Message -----
From: "max_ve3tmt" <max_ve3tmt@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Tuesday, May 23, 2006 9:06 PM
Subject: [TS-850_450_690] Re: alaska

--- In TS-850_450_690@yahoogroups.com, "VE3WEJ Gmail" <ve3wej@...> wrote:
>
> You have to work them just like the rest of us MAX...

Gee I thought that WAS working them. How is it any different from
using a spotting network?

Maybe I'm wrong and your responses were in humour! I really hope so.

THANKS FOR USING TS-850_450_690@...
Yahoo! Groups Links

4829. Re: [TS-850_450_690] alaska

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-24 01:39:01 UTC
From: Craig Still
Topic: 4826 Message: 4829

No different than packet custer....

--- VE3WEJ Gmail <ve3wej@...> wrote:

> You have to work them just like the rest of us
> MAX...

> That's cheating.

_____
Do You Yahoo!?
Tired of spam? Yahoo! Mail has the best spam protection around
http://mail.yahoo.com

4831. RE: [TS-850_450_690] Re: Someone awhile back mentioned a 850S Capacitor Kit? Is it Ready?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-24 05:14:04 UTC
From: Steve Gehring
Topic: 4819 Message: 4831

Sure, no problem.

Steve, NL7W

-----Original Message-----
From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of max_ve3tmt
Sent: Tuesday, May 23, 2006 3:41 PM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] Re: Someone awhile back mentioned a 850S Capacitor
Kit? Is it Ready?

Hey Steve,

Next time you hear any VE3's give me a shout on my phone 613-389-1271
I need Alaska for my WAS PSK.

Max

THANKS FOR USING TS-850_450_690@...

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3=Hobby+and+craft+supply&w4=Rules+of+the+road&c=4&s=83&.sig=yoVbTQtG6YaR6NJU
yKpXvA"Ham radio

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&w3=Hobby+and+craft+supply&w4=Rules+of+the+road&c=4&s=83&.sig=htBHoHvXnYfz2K
GpW1Rf1g"Craft hobby

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noBgYr6SAUdiOpBo5Kw"Hobby and craft supply

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[Non-text portions of this message have been removed]

4832. Re: TS850 and D10-4

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-24 07:07:08 UTC
From: ha7wac
Topic: 4819 Message: 4832

Hello Max,
TNX fer ur answer!
Yes I turned back the mic gain at 8-9 o'clock and no processor, no hi boost. And the D104 preamp level is almost at its minimum...
Dunno what's going on. I have personnaly 2 ideas: some component is defective on the 850 and pb does not show on some mikes, or my D104 is not well wired (?). I'll check the D104.
What is sure is that the original hand mike works well and the MC80 also (which is known to be sensitive to RF feedback).
What is amazing is that I brought the TRX and mike to a friend who's got a laboratory gear and put it on a dummy and reported me the D104 is allright on the 850 (!!!).

Strange... there would be any feedback?
What I don't understand is the fact that I experience this even with 10W...

Anyway thank you for your thoughts,
All the best,
Chris ha7wac

--- In TS-850_450_690@yahoogroups.com, "max_ve3tmt" <max_ve3tmt@...> wrote:
>
> I recall using a D-104 on one of my 850's but had to turn the mic gain
> down to almost off. Have you tried this? And also with this mic YOU
> CERTAINLY DON'T NEED THE PROCESSOR ON!
>
> Max VE3TMT
>

4833. Low receive on 22 Mhz

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-24 11:02:43 UTC
From: max_ve3tmt
Topic: 4833 Message: 4833

Can anyone tell me what might cause the recieve to drop out on my 850 in the 22 mhz range? As soon as the BPF relay clicks at 21.500.00 there is a noticeable drop in sensitivity. As I tune up in frequency it gets worse until about 22.000 it is almost dead. Then it starts to pick up again and by 22.800 it is normal? If the VCO voltages are out could this be the problem? It is not unlocking anywhere.

Suggestions?

Max VE3TMT

4834. Re: TS850 and D10-4

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-24 14:27:26 UTC
From: Clif
Topic: 4819 Message: 4834

--- In TS-850_450_690@yahoogroups.com, "ha7wac" <ha7wac@...> wrote:
>
> Hello Max,
> TNX fer ur answer!
> Yes I turned back the mic gain at 8-9 o'clock and no processor, no hi
> boost. And the D104 preamp level is almost at its minimum...
> Dunno what's going on. I have personnaly 2 ideas: some component is
> defective on the 850 and pb does not show on some mikes, or my D104
> is not well wired (?). I'll check the D104.
> What is sure is that the original hand mike works well and the MC80
> also (which is known to be sensitive to RF feedback).
> What is amazing is that I brought the TRX and mike to a friend who's
> got a laboratory gear and put it on a dummy and reported me the D104
> is allright on the 850 (!!!).
>
> Strange... there would be any feedback?
> What I don't understand is the fact that I experience this even with
> 10W...
>
> Anyway thank you for your thoughts,
> All the best,
> Chris ha7wac
>

Turn off the preamp in the mike. Put the radio on a dummy load and see
if it's actually RF feedback or too much gain.

Clif

4835. Re: [TS-850_450_690] Strange indeed....

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-24 21:55:52 UTC
From: Bill Maddock
Topic: 4835 Message: 4835

Could just be your antenna is way off resonance there!

73,

Bill N4ZI

max_ve3tmt <max_ve3tmt@...> wrote:
Just happened to be jumping around the bands after noticing a 10m
opening. Tuning just above the 15m band the relay clicks at 21.500.00
and I notice the receive seems to drop off quite dramatically tuning
up around 22.000 mhz. Around 22.800 it starts to come back up. When
its low its really low in the 22.000 range. Output power is normal.

Any ideas???

Max VE3TMT

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---
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[Non-text portions of this message have been removed]

4836. TS850SAT Audio Quality?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-25 04:40:54 UTC
From: kj7f
Topic: 4836 Message: 4836

Gang,

I have a TS850SAT and rarely use it on voice. I recently talked to a buddy and he reported that the audio was not very good. The lows were gone and the highs were gone too! I put in a audio generator and was able to very his comments. The audio rolls off sharply below about 700 Hz and above about 2500 Hz. 850s have a reputation for having good transmit audio quality. Before I do something drastic has anyone run into this before?

Terry W7AMI

4837. My beloved 850 has died.

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-25 06:09:02 UTC
From: max_ve3tmt
Topic: 4837 Message: 4837

Unit is not powering on. I have 13.5V going into the rig, power switch is fine and voltage is reaching the digital board. However when I plug in CN604 I lose the 13.5V as if something is loading it down. Also I am not getting the right voltage readings on the two 8V regulators. I am stumped.

If it can't be fixed I will sell it for best offer as a nice parts rig. Any suggestions where to start looking?

Max

4838. Re: TS850 and D10-4

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-25 06:54:02 UTC
From: ha7wac
Topic: 4819 Message: 4838

Hi Cliff,
I will completely turn off the preamp and check this again in a dummy.
It may be something silly cause the background (PTT pushed without
speaking into the mike) seems cristal clear...
Thanks for your help,
Vy 73 Chris

> Turn off the preamp in the mike. Put the radio on a dummy load and see
> if it's actually RF feedback or too much gain.
>
> Clif
>

4839. Re: My beloved 850 has died.

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-25 07:00:55 UTC
From: ha7wac
Topic: 4837 Message: 4839

Hello Max,
Hope sincerely you can "wake up" your 850. I am not a tech
unfortunately, but I don't want to believe such a marvel as the 850 can
die...
Everybody's nightmare here in this group is that their beloved Kenwood
gonna die once. We understand your pain.
Wish you all the best and hope it can be fixed.
Let us know about the fix if hopefully there is.
vy73 Chris

--- In TS-850_450_690@yahoogroups.com, "max_ve3tmt" <max_ve3tmt@...>
wrote:
>
> Unit is not powering on. I have 13.5V going into the rig, power switch
> is fine and voltage is reaching the digital board. However when I plug
> in CN604 I lose the 13.5V as if something is loading it down. Also I
> am not getting the right voltage readings on the two 8V regulators. I
> am stumped.
>
> If it can't be fixed I will sell it for best offer as a nice parts
> rig. Any suggestions where to start looking?
>
> Max
>

4840. Kenwood PS-52

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-25 13:04:32 UTC
From: taephono
Topic: 4840 Message: 4840

Just received this power supply and after it heats up some
it tends to be noisy, a vibration/buzzing type noise.
Anyone know if this is normal? IF not any ideas where I should look
to try and find the problem? I was going to open up the unit tonite
to take a look inside. I believe there is a fan inside this power
supply.?

Thanks for any replies,
73,
Clint
WS1V

4841. Re: [TS-850_450_690] My beloved 850 has died.

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-25 13:23:49 UTC
From: Zack Widup
Topic: 4837 Message: 4841

As a guess, I'll bet you have a shorted electrolytic capacitor somewhere.

Manufacturers are notorious for trying to get by with the cheapest parts they can. Putting in electrolytics with rated voltages just a couple volts beyond what the cap will actually see can shave off a couple pennies from the cost of the unit but shortens its life too. I've seen 6 volts put on a cap rated at 6.3 volts!

When I worked in an electronics repair shop this was one of the most common problems I saw. I generally replaced the failed cap with something rated at about twice its expected voltage.

73, Zack W9SZ

On Thu, 25 May 2006, max_ve3tmt wrote:

> Unit is not powering on. I have 13.5V going into the rig, power switch
> is fine and voltage is reaching the digital board. However when I plug
> in CN604 I lose the 13.5V as if something is loading it down. Also I
> am not getting the right voltage readings on the two 8V regulators. I
> am stumped.
>
> If it can't be fixed I will sell it for best offer as a nice parts
> rig. Any suggestions where to start looking?
>
> Max
>

4842. Re: My beloved 850 has died.

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-25 14:23:44 UTC
From: max_ve3tmt
Topic: 4837 Message: 4842

--- In TS-850_450_690@yahoogroups.com, Zack Widup <w9sz@...> wrote:
>
>
> As a guess, I'll bet you have a shorted electrolytic capacitor
somewhere.

I am getting supply voltage on both the input and output of the 8V
regulators, not the 8V. When I plug in the offending harness even the
supply voltage on the cold side of the power switch disappears. I
unplugged all the harnesses and connectors on the board and started
plugging them back in one by one and not even the display comes on.
Like the rig is totally dead. If anyone wants a complete parts rig I
will let it go for $450 plus shipping.

Max

4843. Re: [TS-850_450_690] Someone awhile back mentioned a 850S Capacitor Kit? Is it Ready?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-25 16:00:20 UTC
From: Rich Dailey, N8UX.
Topic: 4819 Message: 4843

>Did the capacitor kit that someone was putting together come to fruition?

I was the one attempting to put together the kit. Could not get a quantity price break that was enough to justify it.

FYI, I found that mouser had the best price on 10 & 47 uf 35vdc radials, though this may have changed already.

Anyone else on the list who would like to pick this up and run with it, let me know.

Rich

Rich Dailey, N8UX.
http://tinyurl.com/kkb6j
The J-36 Census Project - http://tinyurl.com/9y3kq
--... ...--

4844. RE: [TS-850_450_690] Someone awhile back mentioned a 850S Capacitor Kit? Is it Ready?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-25 17:15:11 UTC
From: Steve Gehring
Topic: 4819 Message: 4844

Thanks for the info, Rich.

NL7W

-----Original Message-----
From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of Rich Dailey, N8UX.
Sent: Thursday, May 25, 2006 8:00 AM
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] Someone awhile back mentioned a 850S Capacitor
Kit? Is it Ready?

>Did the capacitor kit that someone was putting together come to fruition?

I was the one attempting to put together the kit. Could not get a quantity
price break that was enough to justify it.

FYI, I found that mouser had the best price on 10 & 47 uf 35vdc radials,
though this may have changed already.

Anyone else on the list who would like to pick this up and run
with it, let me know.

Rich

Rich Dailey, N8UX.
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noBgYr6SAUdiOpBo5Kw"Hobby and craft supply

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Checked by AVG Free Edition.
Version: 7.1.394 / Virus Database: 268.7.1/348 - Release Date: 5/25/2006

[Non-text portions of this message have been removed]

4845. RE: [TS-850_450_690] TS850SAT Audio Quality?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-25 17:21:07 UTC
From: Steve Gehring
Topic: 4836 Message: 4845

This is a good one. Without looking at the schematic, I?d suggest troubleshooting the mic amp circuit; the high-pass filter may have changed over the years.

73.

NL7W

-----Original Message-----
From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com] On Behalf Of kj7f
Sent: Wednesday, May 24, 2006 8:41 PM
To: TS-850_450_690@...m
Subject: [TS-850_450_690] TS850SAT Audio Quality?

Gang,

I have a TS850SAT and rarely use it on voice. I recently talked to a buddy and he reported that the audio was not very good. The lows were gone and the highs were gone too! I put in a audio generator and was able to very his comments. The audio rolls off sharply below about 700 Hz and above about 2500 Hz. 850s have a reputation for having good transmit audio quality. Before I do something drastic has anyone run into this before?

Terry W7AMI

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HYPERLINK "http://groups.yahoo.com/gads?t=ms&k=Rules+of+the+road&w1=Ham+radio&w2=Craft

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Checked by AVG Free Edition.
Version: 7.1.394 / Virus Database: 268.7.1/348 - Release Date: 5/25/2006

[Non-text portions of this message have been removed]

4846. Inrad "Tuning Upgrader"

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-25 19:40:34 UTC
From: Tracey Gardner
Topic: 4846 Message: 4846

First post on the group so be gentle with me guys. :-)

I've just acquired my first 850 and started having a tune round with it.
One thing that struck me straight away is the tuning rate, I don't like
it.
For a rig that tunes in 1Hz steps a 1kHz per rev tuning rate strikes me
as being too high.
Perhaps it's just me as I had to have the tuning encoder in my AR7030
swopped for one that tunes at half the normal rate.

Anyway back to the point.
I see that Inrad do a "Tuning Upgrader" for the 850 and other rigs.
I've done a search of the archives and files section and can't find any
mention of this device.

Has anybody used it, or even got any comments on it please?

73s Tracey G5VU

4847. Re: [TS-850_450_690] Inrad "Tuning Upgrader"

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-25 19:55:30 UTC
From: Zack Widup
Topic: 4846 Message: 4847

Hi Tracey,

Push the "FINE" button for a finer tuning rate.

73, Zack W9SZ

On Thu, 25 May 2006, Tracey Gardner wrote:

>
> First post on the group so be gentle with me guys. :-)
>
> I've just acquired my first 850 and started having a tune round with it.
> One thing that struck me straight away is the tuning rate, I don't like
> it.
> For a rig that tunes in 1Hz steps a 1kHz per rev tuning rate strikes me
> as being too high.
> Perhaps it's just me as I had to have the tuning encoder in my AR7030
> swopped for one that tunes at half the normal rate.
>
> Anyway back to the point.
> I see that Inrad do a "Tuning Upgrader" for the 850 and other rigs.
> I've done a search of the archives and files section and can't find any
> mention of this device.
>
> Has anybody used it, or even got any comments on it please?
>
> 73s Tracey G5VU
>

4848. Re: [TS-850_450_690] My beloved 850 has died.

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-25 20:01:06 UTC
From: VE3WEJ Gmail
Topic: 4837 Message: 4848

the power supply work ok on another rig????

Dave Garber
ve3wej/ve3ie
----- Original Message -----
From: "max_ve3tmt" <max_ve3tmt@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Thursday, May 25, 2006 2:09 AM
Subject: [TS-850_450_690] My beloved 850 has died.

Unit is not powering on. I have 13.5V going into the rig, power switch is fine and voltage is reaching the digital board. However when I plug in CN604 I lose the 13.5V as if something is loading it down. Also I am not getting the right voltage readings on the two 8V regulators. I am stumped.

If it can't be fixed I will sell it for best offer as a nice parts rig. Any suggestions where to start looking?

Max

THANKS FOR USING TS-850_450_690@...
Yahoo! Groups Links

4849. Re: [TS-850_450_690] TS850SAT Audio Quality?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-25 20:02:31 UTC
From: VE3WEJ Gmail
Topic: 4836 Message: 4849

is the processor on, and gain too high????

Dave Garber
ve3wej/ve3ie
----- Original Message -----
From: "kj7f" <kj7f@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Thursday, May 25, 2006 12:40 AM
Subject: [TS-850_450_690] TS850SAT Audio Quality?

> Gang,
>
> I have a TS850SAT and rarely use it on voice. I recently talked
> to a buddy and he reported that the audio was not very good. The
> lows were gone and the highs were gone too! I put in a audio
> generator and was able to very his comments. The audio rolls off
> sharply below about 700 Hz and above about 2500 Hz. 850s have a
> reputation for having good transmit audio quality. Before I do
> something drastic has anyone run into this before?
>
> Terry W7AMI
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4850. Re: [TS-850_450_690] Kenwood PS-52

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-25 20:00:29 UTC
From: VE3WEJ Gmail
Topic: 4840 Message: 4850

my transformaer gets noisy, but yes there is a fan inside.

Dave Garber
ve3wej/ve3ie
----- Original Message -----
From: "taephono" <taephono@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Thursday, May 25, 2006 9:04 AM
Subject: [TS-850_450_690] Kenwood PS-52

Just received this power supply and after it heats up some
it tends to be noisy, a vibration/buzzing type noise.
Anyone know if this is normal? IF not any ideas where I should look
to try and find the problem? I was going to open up the unit tonite
to take a look inside. I believe there is a fan inside this power
supply.?

Thanks for any replies,
73,
Clint
WS1V

THANKS FOR USING TS-850_450_690@...
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4851. Re: [TS-850_450_690] Inrad "Tuning Upgrader"

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-25 20:23:32 UTC
From: VE3WEJ Gmail
Topic: 4846 Message: 4851

locate the fine button on the number 8.......just in case you have not found
it yet

Dave Garber
ve3wej/ve3ie
----- Original Message -----
From: "Zack Widup" <w9sz@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Thursday, May 25, 2006 3:55 PM
Subject: Re: [TS-850_450_690] Inrad "Tuning Upgrader"

>
> Hi Tracey,
>
> Push the "FINE" button for a finer tuning rate.
>
> 73, Zack W9SZ
>
> On Thu, 25 May 2006, Tracey Gardner wrote:
>
>>
>> First post on the group so be gentle with me guys. :-)
>>
>> I've just acquired my first 850 and started having a tune round with it.
>> One thing that struck me straight away is the tuning rate, I don't like
>> it.
>> For a rig that tunes in 1Hz steps a 1kHz per rev tuning rate strikes me
>> as being too high.
>> Perhaps it's just me as I had to have the tuning encoder in my AR7030
>> swopped for one that tunes at half the normal rate.
>>
>> Anyway back to the point.
>> I see that Inrad do a "Tuning Upgrader" for the 850 and other rigs.
>> I've done a search of the archives and files section and can't find any
>> mention of this device.
>>
>> Has anybody used it, or even got any comments on it please?
>>
>> 73s Tracey G5VU
>>
>
>
>
>
> THANKS FOR USING TS-850_450_690@...

> Yahoo! Groups Links
>
>
>
>
>
>

4852. Inrad "Tuning Upgrader"

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-25 20:46:36 UTC
From: Tracey Gardner
Topic: 4846 Message: 4852

> Hi Tracey,
>
> Push the "FINE" button for a finer tuning rate.
>
> 73, Zack W9SZ
>
>

Hi Zack

The "Fine" button only provides a tuning rate of 1kHz per rev which is not
low enough for me.

73s Tracey G5VU

--
No virus found in this outgoing message.
Checked by AVG Free Edition.
Version: 7.1.394 / Virus Database: 268.7.0/346 - Release Date: 23/05/2006

4853. Re: Kenwood PS-52

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-25 22:11:17 UTC
From: taephono
Topic: 4840 Message: 4853

Hi Dave,
Thanks for your reply.

Maybe it's transformer noise I was hearing.
When I got home this afternoon I opened up the power supply, and all looks nice & clean inside, fan was not seized. I turned on the power supply without any load and it's been on for over 2 hours, and is quiet now. I move the position of the power supply in relation to the other equipment to see if that may help. This power supply has now ground or 3 prong plug so I'm trying to determine if maybe some rf from my radio or pc was getting into the power supply. All my other none Kenwood power supplies have a dedicated groud connection, and they have always been very quiet. Will followup my results.

73,
Clint
WS1V

--- In TS-850_450_690@yahoogroups.com, "VE3WEJ Gmail" <ve3wej@...> wrote:
>
> my transformaer gets noisy, but yes there is a fan inside.
>
>
>
> Dave Garber
> ve3wej/ve3ie
> ----- Original Message -----
> From: "taephono" <taephono@...>
> To: <TS-850_450_690@yahoogroups.com>
> Sent: Thursday, May 25, 2006 9:04 AM
> Subject: [TS-850_450_690] Kenwood PS-52
>
>
> Just received this power supply and after it heats up some
> it tends to be noisy, a vibration/buzzing type noise.
> Anyone know if this is normal? IF not any ideas where I should look
> to try and find the problem? I was going to open up the unit tonite
> to take a look inside. I believe there is a fan inside this power
> supply.?
>
> Thanks for any replies,
> 73,
> Clint
> WS1V
>
>

>
>
>
>
>
> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
>

4854. Inrad "Tuning Upgrader"

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-25 21:30:35 UTC
From: Tracey Gardner
Topic: 4846 Message: 4854

> locate the fine button on the number 8.......just in case you have not
> found
> it yet
>
> Dave Garber
> ve3wej/ve3ie

Hi Dave

I've found the fine tune button but 1kHz per rev is still too fast for me.

73s Tracey G5VU

--
No virus found in this outgoing message.
Checked by AVG Free Edition.
Version: 7.1.394 / Virus Database: 268.7.0/346 - Release Date: 23/05/2006

4855. Re: [TS-850_450_690] Inrad "Tuning Upgrader"

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-25 23:32:09 UTC
From: VE3WEJ Gmail
Topic: 4846 Message: 4855

wow

Dave Garber
ve3wej/ve3ie
----- Original Message -----
From: "Tracey Gardner" <tracey.gardner@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Thursday, May 25, 2006 5:30 PM
Subject: [TS-850_450_690] Inrad "Tuning Upgrader"

> locate the fine button on the number 8.......just in case you have not
> found
> it yet
>
> Dave Garber
> ve3wej/ve3ie

Hi Dave

I've found the fine tune button but 1kHz per rev is still too fast for me.

73s Tracey G5VU

--
No virus found in this outgoing message.
Checked by AVG Free Edition.
Version: 7.1.394 / Virus Database: 268.7.0/346 - Release Date: 23/05/2006

THANKS FOR USING TS-850_450_690@...
Yahoo! Groups Links

4856. max's dead rig

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-26 00:07:10 UTC
From: john rogers
Topic: 4856 Message: 4856

Max,

If something in the rig is shorted, it should blow a fuse in the PS. Perhaps it has a over current fold back that doesn't blow fuses but not the usual. I would verify that the supply can deliver first. You can have an open circuit voltage at the supply that can deliver no current.

If that proves, pull the 12 volt lines to the boards and find which is loading it down. I have had C1 on, I think, the rf board short. My supply was stiff and the cap exploded with a bang!

The PA may be soldered to the 12 volts with no connector. It is in many rigs and if shorted will sit as a big short across the buss.

Just some preliminary thoughts. Divide and conquer.

John - W4BA

Feel free to call! Free PC-to-PC calls. Low rates on PC-to-Phone. Get Yahoo! Messenger with Voice

[Non-text portions of this message have been removed]

4857. Re: [TS-850_450_690] Someone awhile back mentioned a 850S Capacitor Kit? Is it Ready?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-26 00:50:36 UTC
From: n7ioh@cybertrails.com
Topic: 4819 Message: 4857

Hi Rich, can you put together a list of parts that you were going to put in the kit. The item number or Kenwood part number, the value you would recommend using as a replacement and type, and on what board they go on. I know you said Mouser had the best prices on some of the items. I have always had good luck with Mouser and the fact they have no minimum order makes it nice for guys like us. If you have the Mouser numbers that would be great. I would like to order the parts so I have them on hand and can replace them when I have the time.
PS, Are there any other parts WE should be replacing other then the battery? It seems like I remember something about something on the display board.

Thanks, Al, n7ioh

On May 25, 2006, at 9:00 AM, Rich Dailey, N8UX. wrote:

>
>> Did the capacitor kit that someone was putting together come to
>> fruition?
>
> I was the one attempting to put together the kit. Could not get a
> quantity
> price break that was enough to justify it.
>
> FYI, I found that mouser had the best price on 10 & 47 uf 35vdc
> radials,
> though this may have changed already.
>
> Anyone else on the list who would like to pick this up and run
> with it, let me know.
>
> Rich
>
>
>
> Rich Dailey, N8UX.
> http://tinyurl.com/kkb6j
> The J-36 Census Project - http://tinyurl.com/9y3kq
> --... ...--
>
>
>
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> ---
> ~->
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> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
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4858. Re: Inrad "Tuning Upgrader"

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-26 02:14:14 UTC
From: n5kzw
Topic: 4846 Message: 4858

--- In TS-850_450_690@yahoogroups.com, "Tracey Gardner"
<tracey.gardner@...> wrote:
>
>
> First post on the group so be gentle with me guys. :-)
>
The following advice is based on complete and total ignorance of the
TS-850 except what I've gleaned from this group (I have a couple of
TS-450SATs). If you can find room to deadbug a CMOS J-K flip-flop
(C4073??), you should be able to wire it up to divide the encoder
pulses by 2 or 4.

Regards,
Ed

> I've just acquired my first 850 and started having a tune round with it.
> One thing that struck me straight away is the tuning rate, I don't like
> it.
> For a rig that tunes in 1Hz steps a 1kHz per rev tuning rate strikes me
> as being too high.
> Perhaps it's just me as I had to have the tuning encoder in my AR7030
> swopped for one that tunes at half the normal rate.
>
> Anyway back to the point.
> I see that Inrad do a "Tuning Upgrader" for the 850 and other rigs.
> I've done a search of the archives and files section and can't find any
> mention of this device.
>
> Has anybody used it, or even got any comments on it please?
>
> 73s Tracey G5VU
>

4859. Re: TS850SAT Audio Quality?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-26 02:24:24 UTC
From: kj7f
Topic: 4836 Message: 4859

Dave,

Thanks for the idea. I rarely us the processor so it was off when
I was talking to my friend. I did turn it on just to see what would
happen but it didn't help the audio quality any.

I ran a more sceintific test this afternoon. The -6dB audio
bandwidth should be 400 to 2200 Hz according to the TS850 manual. I
measured 700 to 2800 Hz. I have about the correct bandwidth but it
is shifted to high.

Terry W7AMI

--- In TS-850_450_690@yahoogroups.com, "VE3WEJ Gmail" <ve3wej@...> wrote:
>
> is the processor on, and gain too high????
>
>
> Dave Garber
> ve3wej/ve3ie
> ----- Original Message -----
> From: "kj7f" <kj7f@...>
> To: <TS-850_450_690@yahoogroups.com>
> Sent: Thursday, May 25, 2006 12:40 AM
> Subject: [TS-850_450_690] TS850SAT Audio Quality?
>
>
> > Gang,
> >
> > I have a TS850SAT and rarely use it on voice. I recently talked
> > to a buddy and he reported that the audio was not very good. The
> > lows were gone and the highs were gone too! I put in a audio
> > generator and was able to very his comments. The audio rolls off
> > sharply below about 700 Hz and above about 2500 Hz. 850s have a
> > reputation for having good transmit audio quality. Before I do
> > something drastic has anyone run into this before?
> >
> > Terry W7AMI
> >
> >
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> >

> > THANKS FOR USING TS-850_450_690@...
> > Yahoo! Groups Links
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>

4860. Update on the 850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-26 04:41:22 UTC
From: max_ve3tmt
Topic: 4860 Message: 4860

At the group advice I tried another power source. The radio powered up!!!!!!! However I think the battery is depelted as it doesn't put out full power and it cycles between TX & RX if I keep it on transmit too long. I am going to let the battery charge overnight and try it in the morning.

Thank you greatly for all the pointers. The old supply apparently was registering voltage but no current.

Max VE3TMT

4861. Re: [TS-850_450_690] Update on the 850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-26 04:50:54 UTC
From: n7ioh@cybertrails.com
Topic: 4860 Message: 4861

Hi Max, if you have two fuses in your DC power cord, check them both. Sometimes the negative fuse will blow and you will still be getting negative voltage through the coax braid or a common ground. You may not be getting enough amps to work correctly, but enough for the radio to cause you fits.

Al, n7ioh

On May 25, 2006, at 9:41 PM, max_ve3tmt wrote:

> At the group advice I tried another power source. The radio powered
> up!!!!!!! However I think the battery is depelted as it doesn't put
> out full power and it cycles between TX & RX if I keep it on transmit
> too long. I am going to let the battery charge overnight and try it in
> the morning.
>
> Thank you greatly for all the pointers. The old supply apparently was
> registering voltage but no current.
>
>
> Max VE3TMT
>
>
>
>
>
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> ---
> ~-->
>
> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
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4862. Re: Update on the 850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-26 11:10:18 UTC
From: max_ve3tmt
Topic: 4860 Message: 4862

--- In TS-850_450_690@yahoogroups.com, n7ioh@... wrote:
>
> Hi Max, if you have two fuses in your DC power cord, check them
> both. Sometimes the negative fuse will blow and you will still be
> getting negative voltage through the coax braid or a common ground.
> You may not be getting enough amps to work correctly, but enough for
> the radio to cause you fits.

They're both good Al. The battery charged up enough overnight to show full power output on the TX side this morning. Still not fully charged but at least I know the rig is okay. Thanks for all the advice guys, if I hadn't of tried it on another supply someone was going to get one heck of a deal.

Max

4863. Re: Kenwood PS-52

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-26 12:11:19 UTC
From: taephono
Topic: 4840 Message: 4863

Noise is no longer present since I moved the PS-52 to a different
position in the shack. I may have been getting some feedback into
to PS.

73,
Clint
WS1V
--- In TS-850_450_690@yahoogroups.com, "taephono" <taephono@...>
wrote:
>
> Hi Dave,
> Thanks for your reply.
>
> Maybe it's transformer noise I was hearing.
> When I got home this afternoon I opened up the power supply, and all
> looks nice & clean inside, fan was not seized. I turned on the power
> supply without any load and it's been on for over 2 hours, and is
> quiet now. I move the position of the power supply in relation to
> the other equipment to see if that may help. This power supply has
> now ground or 3 prong plug so I'm trying to determine if maybe some
rf
> from my radio or pc was getting into the power supply. All my other
> none Kenwood power supplies have a dedicated groud connection, and
> they have always been very quiet. Will followup my results.
>
> 73,
> Clint
> WS1V
>
> --- In TS-850_450_690@yahoogroups.com, "VE3WEJ Gmail" <ve3wej@>
wrote:
> >
> > my transformaer gets noisy, but yes there is a fan inside.
> >
> >
> >
> > Dave Garber
> > ve3wej/ve3ie
> > ----- Original Message -----
> > From: "taephono" <taephono@>
> > To: <TS-850_450_690@yahoogroups.com>
> > Sent: Thursday, May 25, 2006 9:04 AM
> > Subject: [TS-850_450_690] Kenwood PS-52
> >
> >

> > Just received this power supply and after it heats up some
> > it tends to be noisy, a vibration/buzzing type noise.
> > Anyone know if this is normal? IF not any ideas where I should
look
> > to try and find the problem? I was going to open up the unit
tonite
> > to take a look inside. I believe there is a fan inside this
power
> > supply.?
> >
> > Thanks for any replies,
> > 73,
> > Clint
> > WS1V
> >
> >
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> >
> >
> >
> >
> > THANKS FOR USING TS-850_450_690@
> > Yahoo! Groups Links
> >
>

4864. Re: [TS-850_450_690] Re: TS850SAT Audio Quality?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-26 12:26:59 UTC
From: Dennis Peacock
Topic: 4836 Message: 4864

I assume that the "high boost" is turned off???

Dennis

kj7f <kj7f@...> wrote:
Dave,

Thanks for the idea. I rarely us the processor so it was off when
I was talking to my friend. I did turn it on just to see what would
happen but it didn't help the audio quality any.

I ran a more sceintific test this afternoon. The -6dB audio
bandwidth should be 400 to 2200 Hz according to the TS850 manual. I
measured 700 to 2800 Hz. I have about the correct bandwidth but it
is shifted to high.

Terry W7AMI

--- In TS-850_450_690@yahoogroups.com, "VE3WEJ Gmail" <ve3wej@...> wrote:
>
> is the processor on, and gain too high????
>
>
> Dave Garber
> ve3wej/ve3ie
> ----- Original Message -----
> From: "kj7f" <kj7f@...>
> To: <TS-850_450_690@yahoogroups.com>
> Sent: Thursday, May 25, 2006 12:40 AM
> Subject: [TS-850_450_690] TS850SAT Audio Quality?
>
>
> > Gang,
> >
> > I have a TS850SAT and rarely use it on voice. I recently talked
> > to a buddy and he reported that the audio was not very good. The
> > lows were gone and the highs were gone too! I put in a audio
> > generator and was able to very his comments. The audio rolls off
> > sharply below about 700 Hz and above about 2500 Hz. 850s have a
> > reputation for having good transmit audio quality. Before I do
> > something drastic has anyone run into this before?
> >
> > Terry W7AMI
> >
> >
> >

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> > THANKS FOR USING TS-850_450_690@...
> > Yahoo! Groups Links
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[Non-text portions of this message have been removed]

4865. Re: [TS-850_450_690] Kenwood service

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-26 13:03:01 UTC
From: Russell Blair
Topic: 4278 Message: 4865

I'm thinking about trading my TS-45SAT and a Icom R70
Rec for a TS-940 is there a yahoogroup for the TS940
so I can subscribe to.

Thanks Russell NC5O

--- Lane Giard <lanegiard@...> wrote:

> Here you go,
>
> Lane N7ZXP
>
> Kenwood Service Center East
> 829 Lynnhaven Pkwy., Suite 130 - Virginia Beach, VA
> 23452
> Fax: (757) 340-6809
> Repairs Only: (757) 340-1702
>
>
>
> ----- Original Message -----
> From: "sculycat" <kr9w@...>
> To: <TS-850_450_690@yahoogroups.com>
> Sent: Tuesday, January 24, 2006 8:45 AM
> Subject: [TS-850_450_690] Kenwood service
>
>
> > Hi Guys,
> >
> > I am trying to find the Kenwood East Service
> Center address, phone,
> > and email numbers. I have looked back into
> previous posts but that is
> > like a needle in a haystack. Would anybody have
> that information or
> > can direct me where to find it? Thanks
> >
> > Eric
> >
> >
> >
> >
> >
> > THANKS FOR USING TS-850_450_690@...
> > Yahoo! Groups Links
> >

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==========
Russell Blair
QTH ========= Richardson Tx
CALL ========= NC5O
GRID ========= EM12tx
FH# ========== 300
==========

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4866. Re: [TS-850_450_690] Kenwood service

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-26 13:29:35 UTC
From: n7ioh@cybertrails.com
Topic: 4278 Message: 4866

Yes. http://groups.yahoo.com/group/ts-940/ is a link to the
yahoo group.

Al. n7ioh

On May 26, 2006, at 6:03 AM, Russell Blair wrote:

> I'm thinking about trading my TS-45SAT and a Icom R70
> Rec for a TS-940 is there a yahoogroup for the TS940
> so I can subscribe to.
>
> Thanks Russell NC5O
>
> --- Lane Giard <lanegiard@...> wrote:
>
>> Here you go,
>>
>> Lane N7ZXP
>>
>> Kenwood Service Center East
>> 829 Lynnhaven Pkwy., Suite 130 - Virginia Beach, VA
>> 23452
>> Fax: (757) 340-6809
>> Repairs Only: (757) 340-1702
>>
>>
>>
>> ----- Original Message -----
>> From: "sculycat" <kr9w@...>
>> To: <TS-850_450_690@yahoogroups.com>
>> Sent: Tuesday, January 24, 2006 8:45 AM
>> Subject: [TS-850_450_690] Kenwood service
>>
>>
>>> Hi Guys,
>>>
>>> I am trying to find the Kenwood East Service
>> Center address, phone,
>>> and email numbers. I have looked back into
>> previous posts but that is
>>> like a needle in a haystack. Would anybody have
>> that information or
>>> can direct me where to find it? Thanks
>>>
>>> Eric
>>>

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>>> THANKS FOR USING TS-850_450_690@...
>>> Yahoo! Groups Links
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> ==
> Russell Blair
> QTH ========= Richardson Tx
> CALL ========= NC5O
> GRID ========= EM12tx
> FH# ========== 300
> ==
>
> ____
> Do You Yahoo!?
> Tired of spam? Yahoo! Mail has the best spam protection around
> http://mail.yahoo.com
>
>
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> You can search right from your browser? It's easy and it's free.
> See how.
> http://us.click.yahoo.com/_7bhrC/NGxNAA/yQLSAA/ELTolB/TM
> ---
> ~->
>
> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
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>

4867. Re: [TS-850_450_690] Kenwood service

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-26 13:50:52 UTC
From: Russell Blair
Topic: 4278 Message: 4867

Thanks

--- n7ioh@... wrote:

>
> Yes. http://groups.yahoo.com/group/ts-940/ is
> a link to the
> yahoo group.
>
> Al. n7ioh
>
>
> On May 26, 2006, at 6:03 AM, Russell Blair wrote:
>
> > I'm thinking about trading my TS-45SAT and a Icom
> R70
> > Rec for a TS-940 is there a yahoogroup for the
> TS940
> > so I can subscribe to.
> >
> > Thanks Russell NC5O
> >
> > --- Lane Giard <lanegiard@...> wrote:
> >
> >> Here you go,
> >>
> >> Lane N7ZXP
> >>
> >> Kenwood Service Center East
> >> 829 Lynnhaven Pkwy., Suite 130 - Virginia Beach,
> VA
> >> 23452
> >> Fax: (757) 340-6809
> >> Repairs Only: (757) 340-1702
> >>
> >>
> >>
> >> ----- Original Message -----
> >> From: "sculycat" <kr9w@...>
> >> To: <TS-850_450_690@yahoogroups.com>
> >> Sent: Tuesday, January 24, 2006 8:45 AM
> >> Subject: [TS-850_450_690] Kenwood service
> >>
> >>
> >>> Hi Guys,

> >>>
> >>> I am trying to find the Kenwood East Service
> >> Center address, phone,
> >>> and email numbers. I have looked back into
> >> previous posts but that is
> >>> like a needle in a haystack. Would anybody have
> >> that information or
> >>> can direct me where to find it? Thanks
> >>>
> >>> Eric
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> >>> THANKS FOR USING TS-850_450_690@...
> >>> Yahoo! Groups Links
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> >
> > ==
> > Russell Blair
> > QTH ========= Richardson Tx
> > CALL ========= NC5O
> > GRID ========= EM12tx
> > FH# ========== 300
> > ==
> >
> > ____
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> > Tired of spam? Yahoo! Mail has the best spam
> protection around
> > http://mail.yahoo.com
> >
> >
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> --------------------
> > ~-->
> > You can search right from your browser? It's easy
> and it's free.
> > See how.
> >
>
http://us.click.yahoo.com/_7bhrC/NGxNAA/yQLSAA/ELTolB/TM

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>
> > ~->
> >
> > THANKS FOR USING TS-850_450_690@...
> > Yahoo! Groups Links
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==========
Russell Blair
QTH ========= Richardson Tx
CALL ========= NC5O
GRID ========= EM12tx
FH# ========== 300
==========

_____
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4868. Re: TS850SAT Audio Quality?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-26 13:56:20 UTC
From: max_ve3tmt
Topic: 4836 Message: 4868

--- In TS-850_450_690@yahoogroups.com, "kj7f" <kj7f@...> wrote:

I ran a more sceintific test this afternoon. The -6dB audio
bandwidth should be 400 to 2200 Hz according to the TS850 manual. I
measured 700 to 2800 Hz. I have about the correct bandwidth but it
is shifted to high.
>
> Terry W7AMI

Terry,

Sounds to me like your carrier adjustment is out. The adjustment
involves little pots on the sub board under the top hatch but you
have to access a special menu first.

http://www.w3oz.netfirms.com/newkenwood850setup1.htm

About halfway down the page you will see the setup for adjustment the
carrier set point. It starts with STEP 1, STEP 2 and so on.
Let us know how you make out.

Max

4869. FS: TS-850SAT W/DSP, MC-60A & PC cable

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-26 16:30:57 UTC
From: Ken Bessler
Topic: 4869 Message: 4869

I'm offering a gorgeous TS-850SAT, S/N 30500xxx plus
extras. I'd prefer to sell as a package deal. The package
comes from a non smoker's QTH and has been babied.

Condition of all equipment is 10 out of 10 both cosmetically
and electrically. See the following webpage for Spectrogram
images of receiver performance:

http://members.cox.net/kg0wx/

The TS-850SAT has several mods done - Mars/CAP,
Side tone monitor, BC Band sensitivity, TX power (the
rig puts out a clean 140w). There may be a xtal oven in
the rig - I'm too chicken to open her up to look for that
board but the rig is dead on freq with WWV as soon as
you turn it on.

Also included is a MFJ-784 "Brick Wall" DSP. It is one
of the best performing DSP's I've ever owned and IMHO
the term "Brick Wall" is VERY well deserved. The DSP
costs $250 new

Included with the package is a mint condition MC-60A
desk mic and a ZLP electronics computer interface. They
are worth $180 new.

Say $900 for the rig, $150 for the DSP and $125 for the
mic & PC cable = $1175.00

Asking $1175 or best offer for the package with free
Priority Mail shipping in the lower 48 states.

Payment by PayPal to

kg0wx@...

73's de Ken KG0WX - Kadiddlehopper #11808,
Flying Pigs #-1055, Grid EM17io, TS-850SAT, AL-84,
Elecraft XG2, 4SQRP Tenna Dipper, Heath GD-1B

4870. Re: Someone awhile back mentioned a 850S Capacitor Kit? Is it Ready?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-26 17:48:56 UTC
From: taephono
Topic: 4819 Message: 4870

I would also be interested in a list of parts & their numbers.

73,
Clint
WS1V
--- In TS-850_450_690@yahoogroups.com, n7ioh@... wrote:
>
> Hi Rich, can you put together a list of parts that you were
going to
> put in the kit. The item number or Kenwood part number, the value
> you would recommend using as a replacement and type, and on what
> board they go on. I know you said Mouser had the best prices on
some
> of the items. I have always had good luck with Mouser and the
fact
> they have no minimum order makes it nice for guys like us. If you
> have the Mouser numbers that would be great. I would like to
order
> the parts so I have them on hand and can replace them when I have
the
> time.
> PS, Are there any other parts WE should be replacing other then
the
> battery? It seems like I remember something about something on
the
> display board.
>
> Thanks, Al, n7ioh
>
>
> On May 25, 2006, at 9:00 AM, Rich Dailey, N8UX. wrote:
>
> >
> >> Did the capacitor kit that someone was putting together come to
> >> fruition?
> >
> > I was the one attempting to put together the kit. Could not get
a
> > quantity
> > price break that was enough to justify it.
> >
> > FYI, I found that mouser had the best price on 10 & 47 uf 35vdc
> > radials,
> > though this may have changed already.
> >

> > Anyone else on the list who would like to pick this up and run
> > with it, let me know.
> >
> > Rich
> >
> >
> >
> > Rich Dailey, N8UX.
> > http://tinyurl.com/kkb6j
> > The J-36 Census Project - http://tinyurl.com/9y3kq
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> > ~->
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4871. RE: [TS-850_450_690] Re: TS850SAT Audio Quality?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-26 19:53:34 UTC
From: Steve Gehring
Topic: 4836 Message: 4871

Right?. Carrier adj.

-----Original Message-----
From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of max_ve3tmt
Sent: Friday, May 26, 2006 5:56 AM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] Re: TS850SAT Audio Quality?

--- In TS-850_450_690@yahoogroups.com, "kj7f" <kj7f@...> wrote:

I ran a more sceintific test this afternoon. The -6dB audio
bandwidth should be 400 to 2200 Hz according to the TS850 manual. I
measured 700 to 2800 Hz. I have about the correct bandwidth but it
is shifted to high.
>
> Terry W7AMI

Terry,

Sounds to me like your carrier adjustment is out. The adjustment
involves little pots on the sub board under the top hatch but you
have to access a special menu first.

HYPERLINK
"http://www.w3oz.netfirms.com/newkenwood850setup1.htm"http://www.w3oz.netfir
ms.com/newkenwood850setup1.htm

About halfway down the page you will see the setup for adjustment the
carrier set point. It starts with STEP 1, STEP 2 and so on.
Let us know how you make out.

Max

THANKS FOR USING TS-850_450_690@...

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3=Hobby+and+craft+supply&w4=Rules+of+the+road&c=4&s=83&.sig=yoVbTQtG6YaR6NJU
yKpXvA"Ham radio

HYPERLINK
"http://groups.yahoo.com/gads?t=ms&k=Craft+hobby&w1=Ham+radio&w2=Craft+hobby
&w3=Hobby+and+craft+supply&w4=Rules+of+the+road&c=4&s=83&.sig=htBHoHvXnYfz2K
GpW1Rf1g"Craft hobby

HYPERLINK
"http://groups.yahoo.com/gads?t=ms&k=Hobby+and+craft+supply&w1=Ham+radio&w2=
Craft+hobby&w3=Hobby+and+craft+supply&w4=Rules+of+the+road&c=4&s=83&.sig=qby
noBgYr6SAUdiOpBo5Kw"Hobby and craft supply

HYPERLINK
"http://groups.yahoo.com/gads?t=ms&k=Rules+of+the+road&w1=Ham+radio&w2=Craft
+hobby&w3=Hobby+and+craft+supply&w4=Rules+of+the+road&c=4&s=83&.sig=EzShZuvW
lHa4KASEZZWJBA"Rules of the road

_____

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Checked by AVG Free Edition.
Version: 7.1.394 / Virus Database: 268.7.2/349 - Release Date: 5/26/2006

--
No virus found in this outgoing message.
Checked by AVG Free Edition.
Version: 7.1.394 / Virus Database: 268.7.2/349 - Release Date: 5/26/2006

[Non-text portions of this message have been removed]

4872. RE: [TS-850_450_690] Someone awhile back mentioned a 850S Capacitor Kit? Is it Ready?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-26 19:59:27 UTC
From: Steve Gehring
Topic: 4819 Message: 4872

Rich,

Please don?t go out of your way, but if the list is already generated, it would be nice to see it show up here.

Thanks.

Steve, NL7W

-----Original Message-----
From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com] On Behalf Of n7ioh@...
Sent: Thursday, May 25, 2006 4:51 PM
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] Someone awhile back mentioned a 850S Capacitor Kit? Is it Ready?

Hi Rich, can you put together a list of parts that you were going to put in the kit. The item number or Kenwood part number, the value you would recommend using as a replacement and type, and on what board they go on. I know you said Mouser had the best prices on some of the items. I have always had good luck with Mouser and the fact they have no minimum order makes it nice for guys like us. If you have the Mouser numbers that would be great. I would like to order the parts so I have them on hand and can replace them when I have the time.
PS, Are there any other parts WE should be replacing other then the battery? It seems like I remember something about something on the display board.

Thanks, Al, n7ioh

On May 25, 2006, at 9:00 AM, Rich Dailey, N8UX. wrote:

>
>> Did the capacitor kit that someone was putting together come to
>> fruition?
>
> I was the one attempting to put together the kit. Could not get a
> quantity
> price break that was enough to justify it.
>
> FYI, I found that mouser had the best price on 10 & 47 uf 35vdc
> radials,
> though this may have changed already.

>
> Anyone else on the list who would like to pick this up and run
> with it, let me know.
>
> Rich
>
>
>
> Rich Dailey, N8UX.
> HYPERLINK "http://tinyurl.com/kkb6j"http://tinyurl.com/kkb6j
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3=Hobby+and+craft+supply&w4=Rules+of+the+road&c=4&s=83&.sig=yoVbTQtG6YaR6NJU
yKpXvA"Ham radio

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&w3=Hobby+and+craft+supply&w4=Rules+of+the+road&c=4&s=83&.sig=htBHoHvXnYfz2K
GpW1Rf1g"Craft hobby

HYPERLINK
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Craft+hobby&w3=Hobby+and+craft+supply&w4=Rules+of+the+road&c=4&s=83&.sig=qby
noBgYr6SAUdiOpBo5Kw"Hobby and craft supply

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+hobby&w3=Hobby+and+craft+supply&w4=Rules+of+the+road&c=4&s=83&.sig=EzShZuvW
lHa4KASEZZWJBA"Rules of the road

_____

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Checked by AVG Free Edition.
Version: 7.1.394 / Virus Database: 268.7.2/349 - Release Date: 5/26/2006

--
No virus found in this outgoing message.
Checked by AVG Free Edition.
Version: 7.1.394 / Virus Database: 268.7.2/349 - Release Date: 5/26/2006

[Non-text portions of this message have been removed]

4873. RE: [TS-850_450_690] Someone awhile back mentioned a 850S Capacitor Kit? Is it Ready?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-26 21:56:23 UTC
From: Rich Dailey (Laptop)
Topic: 4819 Message: 4873

>Please don't go out of your way, but if the list is already generated, it
>would be nice to see it show up here.

Gang,

I'm on the road right now, but will be happy to post the component list
when I get home.

Rich, N8UX

4874. TS-850 Audio quality question

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-27 02:39:43 UTC
From: kc9enh
Topic: 4874 Message: 4874

I have poor audio quality in my transmit signal. No low frequency, brassy, mid to highs only. Thought it might be the handheld mic initially and then I hooked up my Heil Goldline with much the same results. I have only found the high boost (off is necessary) and processor to affect my monitored audio and my received reports. Neither of these improve the audio. I am asking if there are any other adjustments that adjust audio output. I am waiting on a desk mic that was used previously with this radio to see what it does for me. I had the radio opened to replace the dc-dc converter card. Also replaced the soldered in memory battery with a clip-in from a pc motherboard. Any suggestions or info on "hidden" menu settings appreciated. I find the manual for this rig somewhat lacking.

4875. FS - Price lowered a bunch - TS-850SAT

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-27 12:18:59 UTC
From: Ken Bessler
Topic: 4875 Message: 4875

I'm offering a gorgeous TS-850SAT, S/N 30500xxx plus
extras. The rig comes from a non smoker's QTH
and has been babied. I removed the DSP from the package
per requests and lowered the price $300.00.

Condition of all equipment is 10 out of 10 both
cosmetically and electrically. See the following
webpage for Spectrogram images of receiver
performance:

http://members.cox.net/kg0wx/

The TS-850SAT has several mods done - Mars/CAP,
Side tone monitor, BC Band sensitivity, TX power (the
rig puts out a clean 140w). There may be a xtal oven in
the rig - I'm too chicken to open her up to look for that
board but the rig is dead on freq with WWV as soon as
you turn it on.

Included with the rig is a mint condition MC-60A
desk mic and a ZLP electronics computer interface.
They are worth $180 new.

Lower price!!! I'm selling the DSP separate per requests.

Asking $875 (nope - not a typo!) or best offer for the radio,
mic & cable with free Priority Mail shipping in the lower 48 states.

Payment by PayPal to:

kg0wx@...

73's de Ken KG0WX - Kadiddlehopper #11808,
Flying Pigs #-1055, Grid EM17io, TS-850SAT, AL-84,
Elecraft XG2, 4SQRP Tenna Dipper, Heath GD-1B

4876. Low IMD Power Above 100 Watts from a TS-850S?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-27 20:13:25 UTC
From: Steve Gehring
Topic: 4876 Message: 4876

I didn☐t know the TS-850 series generated low IMD power above 100 watts. Is this really possible, given their design? If so, what☐s the mod or re-alignment?

Please note, the two-tone IMD levels generated by a 100 watt level TS-850S are NOT stellar ☐ somewhere around -26 to -28 dB.

Thanks.

Steve, NL7W

4877. Re: TS850SAT Audio Quality?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-27 23:43:12 UTC
From: kj7f
Topic: 4836 Message: 4877

Steve,

Thank you for pointing me in the right direction. I followed the alignment proceedure outlined on page 104 of the 850 Service Manual. That brought up the output 5 dB at 400 Hz. I'll see how my friend likes the audio next time we talk.

Terry W7AMI

--- In TS-850_450_690@yahoogroups.com, "Steve Gehring" <steveg@...> wrote:
>
> Right . Carrier adj.
>
>
>

4878. TS850S Power Out Problem?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-28 03:04:15 UTC
From: sp600jx21
Topic: 4878 Message: 4878

I just received an '850S I purchased. Looks great, 3mil serial number. Checking the power output into a dummy load in CW mode, the power climbs just a bit, maybe 5-10 watts in 10 seconds, on each band. That doesn't seem normal to me. Aproximate output power on each band is as follows: 160m-55Watts, 75m-130w,
40m-130w, 30m-138w, 20m-100w, 17m-100w, 15m-47w, 12m-53w, 10m-40w, 10m(29mhz)-33w. Something tells me it has a problem, can someone confirm this? It was sold to me as excellent however I don't believe these power figures are indicative of a properly operating '850S. What is the cause of this power output problem? What is the cure?
Any info will be greatly appreciated.
Thanks,
John N0EE

4879. Re: [TS-850_450_690] FS - Price lowered a bunch - TS-850SAT

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-28 20:20:11 UTC
From: Dennis Peacock
Topic: 4875 Message: 4879

If you still have the 850sat I will take it for that price.

73

Dennis

Ken Bessler <kg0wx@...> wrote:
I'm offering a gorgeous TS-850SAT, S/N 30500xxx plus
extras. The rig comes from a non smoker's QTH
and has been babied. I removed the DSP from the package
per requests and lowered the price $300.00.

Condition of all equipment is 10 out of 10 both
cosmetically and electrically. See the following
webpage for Spectrogram images of receiver
performance:

http://members.cox.net/kg0wx/

The TS-850SAT has several mods done - Mars/CAP,
Side tone monitor, BC Band sensitivity, TX power (the
rig puts out a clean 140w). There may be a xtal oven in
the rig - I'm too chicken to open her up to look for that
board but the rig is dead on freq with WWV as soon as
you turn it on.

Included with the rig is a mint condition MC-60A
desk mic and a ZLP electronics computer interface.
They are worth $180 new.

Lower price!!! I'm selling the DSP separate per requests.

Asking $875 (nope - not a typo!) or best offer for the radio,
mic & cable with free Priority Mail shipping in the lower 48 states.

Payment by PayPal to:

kg0wx@...

73's de Ken KG0WX - Kadiddlehopper #11808,
Flying Pigs #-1055, Grid EM17io, TS-850SAT, AL-84,
Elecraft XG2, 4SQRP Tenna Dipper, Heath GD-1B

THANKS FOR USING TS-850_450_690@...

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[Non-text portions of this message have been removed]

4880. Packet Problem with TS 450 S

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-28 22:35:01 UTC
From: Roy
Topic: 4880 Message: 4880

Hello,

(This is my 1st post here, so please bear with me)

I have been trying for about a year now to get my TS 450 S to play in packet mode. It will RX with a Nomic rigblaster no trouble at all, but I cant get it in TX no matter what I try. I have followed RigBlasters instructions to the letter, with no joy.

I have also tried the ACC ports at the back using other TNC's and AGWPE, but that did'nt work at all.

I like data modes and my TS 450 a lot, and I dont want to part with a very good rig so any help will be greatfully RX.

Many thanks and My Best regards to all.

Roy

G0WNQ

4881. Re: Packet Problem with TS 450 S

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-28 23:45:49 UTC
From: max_ve3tmt
Topic: 4880 Message: 4881

Roy,

Exactly what is it not doing? It is going into TX mode and no audio or just not TX'ing? There is a pot on the IF board that controls the data level going in through the ACCY port. Perhaps it is turned down. But since it is not working through the mic jack either I would assume it to be external. Are you hearing the packet tones on your TNC? Give us an idea of what you have and haven't tried.

Max

4882. Re: [TS-850_450_690] Re: Packet Problem with TS 450 S

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-29 00:21:22 UTC
From: VE3WEJ Gmail
Topic: 4880 Message: 4882

and is this ound card packet, or tnc packet? or did I miss that?

if sound card packet, do any other modes work in transmit......???

need more info

Dave Garber
ve3wej/ve3ie
----- Original Message -----
From: "max_ve3tmt" <max_ve3tmt@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Sunday, May 28, 2006 7:45 PM
Subject: [TS-850_450_690] Re: Packet Problem with TS 450 S

> Roy,
>
> Exactly what is it not doing? It is going into TX mode and no audio or
> just not TX'ing? There is a pot on the IF board that controls the data
> level going in through the ACCY port. Perhaps it is turned down. But
> since it is not working through the mic jack either I would assume it
> to be external. Are you hearing the packet tones on your TNC? Give us
> an idea of what you have and haven't tried.
>
> Max
>
>
>
>
>
>
> THANKS FOR USING TS-850_450_690@...
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>

4883. Re: TS850S Power Out Problem?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-29 02:01:51 UTC
From: Brian
Topic: 4878 Message: 4883

--- In TS-850_450_690@yahoogroups.com, "sp600jx21" <n0ee@...> wrote:
>
> I just received an '850S I purchased. Looks great, 3mil serial number.
> Checking the power output into a dummy load in CW mode, the power
> climbs just a bit, maybe 5-10 watts in 10 seconds, on each band. That
> doesn't seem normal to me. Aproximate output power on each band is as
> follows: 160m-55Watts, 75m-130w,
> 40m-130w, 30m-138w, 20m-100w, 17m-100w, 15m-47w, 12m-53w, 10m-40w,
> 10m(29mhz)-33w. Something tells me it has a problem, can someone
> confirm this? It was sold to me as excellent however I don't believe
> these power figures are indicative of a properly operating '850S. What
> is the cause of this power output problem? What is the cure?
> Any info will be greatly appreciated.
> Thanks,
> John N0EE
>

Mine does the exact same thing. On keydown it takes about 10 seconds
before it reaches full output, starting at 75 watts then rising to
about 100 after 10 seconds or so. I was never sure if it was a problem
or not, since everything else seems to work fine. My power output is
more even across the bands than yours, but it still shows lower output
on 160 and 10 than it does on the others.

I'm also curious what's causing it.

4884. Re: TS850S Power Out Problem?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-29 03:29:21 UTC
From: Clif
Topic: 4878 Message: 4884

--- In TS-850_450_690@yahoogroups.com, "sp600jx21" <n0ee@...> wrote:
>
> I just received an '850S I purchased. Looks great, 3mil serial number.
> Checking the power output into a dummy load in CW mode, the power
> climbs just a bit, maybe 5-10 watts in 10 seconds, on each band. That
> doesn't seem normal to me. Aproximate output power on each band is as
> follows: 160m-55Watts, 75m-130w,
> 40m-130w, 30m-138w, 20m-100w, 17m-100w, 15m-47w, 12m-53w, 10m-40w,
> 10m(29mhz)-33w. Something tells me it has a problem, can someone
> confirm this? It was sold to me as excellent however I don't believe
> these power figures are indicative of a properly operating '850S. What
> is the cause of this power output problem? What is the cure?
> Any info will be greatly appreciated.
> Thanks,
> John N0EE
>

A properly operating TS850 will put out 100w on all bands. It will not
rise after a period of time.

The radio has a problem.

You need to measure the current draw on each band at max power out.
That will tell if there is an ALC problem or something else. 100w
output should draw between 16-20A depending on the band. The lower
bands will draw less and go up gradually as the freq is increased.

Clif

4886. Kenwood YG-455CN-1 250Hz CW filter Ringing?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-29 11:49:25 UTC
From: Tracey Gardner
Topic: 4886 Message: 4886

I'm thinking of transferring the Kenwood YG-455CN-1 250Hz CW filter that I have in my AR7030 receiver, into my newly acquired TS850.
However before I do so I'd like to know if other TS850 users of this filter find that it "rings" quite badly?

It seems to do so in my 7030, whereas the Inrad 125Hz filter that I also have in the 7030 is excellent and shows no sign of ringing.
I'm just wondering if the Kenwood filter could be suffering from a mismatch in my 7030 and might perform OK in the TS850?

Thanks to those who replied to my query regarding the Inrad "Tuning Upgrader".
Nobody who replied had used it, but I've decided to take the plunge and order one.

73s Tracey

Tracey G5VU

--
No virus found in this outgoing message.
Checked by AVG Free Edition.
Version: 7.1.394 / Virus Database: 268.7.3/350 - Release Date: 28/05/2006

4887. Re: TS850S Power Out Problem?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-29 13:31:31 UTC
From: max_ve3tmt
Topic: 4878 Message: 4887

--- In TS-850_450_690@yahoogroups.com, "Clif" <clif@...> wrote:

> A properly operating TS850 will put out 100w on all bands. It will not
> rise after a period of time.

My 850 also goes to max power almost instantaneously. The readings on
my MFJ-872 meter vary enormously from band to band, but then again
that's MFJ.

Max VE3TMT

4888. Re:PAcket problem (copy2)

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-29 15:24:05 UTC
From: Roy
Topic: 4888 Message: 4888

Thanks to Dave & Max for their replies. Sorry I was not more specific.

Basicallu it wont TX in either SC or TNC mode

The ACC socket used with a TNC would never go into TX but would receive, so I sold on the TNC. I had an engineer check out the port and he had no response from fully open to fully closed on the data pot.

The Nomic works fine on PSK rx but will not put the radio into TX. All the jumpers are set corectly. The Interface works fine on TX & RX on another Kenwood set.

I am probably missing something quite simpe here, but please bear in mind I am NOT a technically mined person and a lot of this may go over my head! as per the instruction from WestMountain I have set the radio for max output on RF output and about 50% on Audio.

If you need any further info please advise.

Many thanks & Best regards

Roy

G0WNQ.

4889. Re: [TS-850_450_690] Re: TS850S Power Out Problem?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-29 15:33:55 UTC
From: Paul
Topic: 4878 Message: 4889

The TS850 uses switching diodes to switch the out/in lowpass filter. If they leak, both the output power and rx sensitivity suffer. Check mods at www.mods.dk

max_ve3tmt <max_ve3tmt@...> wrote:
--- In TS-850_450_690@yahoogroups.com, "Clif" <clif@...> wrote:

> A properly operating TS850 will put out 100w on all bands. It will not
> rise after a period of time.

My 850 also goes to max power almost instantaneously. The readings on
my MFJ-872 meter vary enormously from band to band, but then again
that's MFJ.

Max VE3TMT

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[Non-text portions of this message have been removed]

4890. Re: TS850S Power Out Problem?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-29 15:55:01 UTC
From: Brian
Topic: 4878 Message: 4890

I will try your suggestion on mine sometime soon... hopefully this evening. I'll post the results.

Here is another symptom, but in the AM mode this time.

If I key down for a few seconds, carrier will rise after several seconds just like CW... after letting it rise, I set my carrier control to 40 watts (but leave RF power at full), a quick whistle or "HELLO" will swing it to near 100, then the carrier will drop to 20 watts or so and then slowly climb back to the 40 and stabilize until I modulate again. Audio also sounds a bit "fuzzy" on AM over the air.

--- In TS-850_450_690@yahoogroups.com, "Clif" <clif@...> wrote:
>
> A properly operating TS850 will put out 100w on all bands. It will not
> rise after a period of time.
>
> The radio has a problem.
>
> You need to measure the current draw on each band at max power out.
> That will tell if there is an ALC problem or something else. 100w
> output should draw between 16-20A depending on the band. The lower
> bands will draw less and go up gradually as the freq is increased.
>
> Clif
>

4891. Re:PAcket problem (copy2)

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-29 18:46:16 UTC
From: n5kzw
Topic: 4888 Message: 4891

How are you triggering TX? Are you using RTS or DTR from your serial
port; or are you using VOX?

Regards,
Ed

--- In TS-850_450_690@yahoogroups.com, "Roy" <g0wnq@...> wrote:
>
> Thanks to Dave & Max for their replies. Sorry I was not more
> specific.
>
> Basicallu it wont TX in either SC or TNC mode
>
> The ACC socket used with a TNC would never go into TX but would
> receive, so I sold on the TNC. I had an engineer check out the port
> and he had no response from fully open to fully closed on the data
> pot.
>
> The Nomic works fine on PSK rx but will not put the radio into TX.
> All the jumpers are set corectly. The Interface works fine on TX &
> RX on another Kenwood set.
>
> I am probably missing something quite simpe here, but please bear in
> mind I am NOT a technically mined person and a lot of this may go
> over my head! as per the instruction from WestMountain I have set
> the radio for max output on RF output and about 50% on Audio.
>
> If you need any further info please advise.
>
> Many thanks & Best regards
>
> Roy
>
> G0WNQ.
>

4892. TS850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-29 19:11:40 UTC
From: Paul
Topic: 749 Message: 4892

There used to be a website , which from the serial number we could tell year of manufacture, also if any factory mods performed. Anyone has info please

9H1FQ

_____
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[Non-text portions of this message have been removed]

4893. TS850 resources

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-29 19:07:31 UTC
From: Paul
Topic: 4893 Message: 4893

Here are some interesting sites for TS850

http://n6tr.jzap.com/850repair.html

http://tk5ep.free.fr/tech/ts850/ts850_g.htm

http://www.avvid.com/mods/TS850.htm

http://www.radiomods.co.nz/kenwood/kenwoodts850.html

http://www.eham.net/forums/Elmers/2711

http://www.universal-radio.com/catalog/hamhf/ts850s.html

9H1FQ

_____
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http://mail.yahoo.com

[Non-text portions of this message have been removed]

4894. Re: Date of Manufacture

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-29 19:51:33 UTC
From: max_ve3tmt
Topic: 4894 Message: 4894

Subtracting 2 from the first number in the serial number gives you the year the radio was made.

4895. Re:PAcket problem (copy2)

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-29 20:03:07 UTC
From: Roy
Topic: 4888 Message: 4895

--- In TS-850_450_690@yahoogroups.com, "n5kzw" <n5kzw@...> wrote:
>
> How are you triggering TX? Are you using RTS or DTR from your serial
> port; or are you using VOX?
>
> Regards,
> ED

Hello Ed,

I've tried all configs, RTS, DTR, Vox, Harware the lot. It NOW appear's I may have a US Comm port connector or Socket. I just uninstalled the port and 2000never picked it up, so I did a manual install and still nothing is happening.....

roll on tonorrow, I can get outta here! (to quote our colonial cousins!)

Many thanks and Best regards

Roy

G0WNQ

4896. RE: [TS-850_450_690] Kenwood YG-455CN-1 250Hz CW filter Ringing?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-29 20:39:36 UTC
From: Steve Gehring
Topic: 4886 Message: 4896

Wow. I hope someone has experience with the 250 Hz filter in their 850S, and can answer you. If you decide to move it over, I☐m sure a few of us would like to hear your experiences on this forum.

Right now, I☐m running an Inrad 8.83 MHz I.F. 400 Hz filter in my 850S. To narrow the b/w down further, I use an outboard Timewave 599zx -- which isn☐t ideal, but works. At some point, I☐d like to try an additional 250 Hz filter in the 455 KHz I.F. I really believe this setup would be perfect for excellent performance on CW.

Best of luck,

Steve, NL7W

-----Original Message-----
From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of Tracey Gardner
Sent: Monday, May 29, 2006 3:49 AM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] Kenwood YG-455CN-1 250Hz CW filter Ringing?

I'm thinking of transferring the Kenwood YG-455CN-1 250Hz CW filter that I
have in my AR7030 receiver, into my newly acquired TS850.
However before I do so I'd like to know if other TS850 users of this filter
find that it "rings" quite badly?

It seems to do so in my 7030, whereas the Inrad 125Hz filter that I also
have in the 7030 is excellent and shows no sign of ringing.
I'm just wondering if the Kenwood filter could be suffering from a mismatch
in my 7030 and might perform OK in the TS850?

Thanks to those who replied to my query regarding the Inrad "Tuning
Upgrader".
Nobody who replied had used it, but I've decided to take the plunge and
order one.

73s Tracey

Tracey G5VU

--
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Checked by AVG Free Edition.
Version: 7.1.394 / Virus Database: 268.7.3/350 - Release Date: 28/05/2006

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Checked by AVG Free Edition.
Version: 7.1.394 / Virus Database: 268.7.4/351 - Release Date: 5/29/2006

4897. Re: [TS-850_450_690] Re:PAcket problem (copy2)

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-29 23:36:34 UTC
From: VE3WEJ Gmail
Topic: 4888 Message: 4897

what pin are you trying to key on the 13 pin jack........

Dave Garber
ve3wej/ve3ie
----- Original Message -----
From: "Roy" <g0wnq@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Monday, May 29, 2006 11:24 AM
Subject: [TS-850_450_690] Re:PAcket problem (copy2)

Thanks to Dave & Max for their replies. Sorry I was not more
specific.

Basicallu it wont TX in either SC or TNC mode

The ACC socket used with a TNC would never go into TX but would
receive, so I sold on the TNC. I had an engineer check out the port
and he had no response from fully open to fully closed on the data
pot.

The Nomic works fine on PSK rx but will not put the radio into TX.
All the jumpers are set corectly. The Interface works fine on TX &
RX on another Kenwood set.

I am probably missing something quite simpe here, but please bear in
mind I am NOT a technically mined person and a lot of this may go
over my head! as per the instruction from WestMountain I have set
the radio for max output on RF output and about 50% on Audio.

If you need any further info please advise.

Many thanks & Best regards

Roy

G0WNQ.

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4898. TS-850 / TS-870 ALC rating

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-31 02:09:09 UTC
From: WN9D
Topic: 4898 Message: 4898

I'm wondering if someone would point me to the rated ALC input voltage (negative) for the TS-850 and TS-870. I don't see it in either of the manuals.

'73, Randy WN9D

[Non-text portions of this message have been removed]

4899. TS850 audio "ticks"

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-31 07:28:43 UTC
From: ha7wac
Topic: 4899 Message: 4899

Hello Guys,
I have now my 850 for 3 weeks, and soon discovered something tiring while listening. I precise that this does not happen on the 870 nor 450 radios which I also have, same place, same PS, same evenings when tried to compare.

850 settings: QRG 14Mhz USB, AIP ON, AGC: slow (850's AGC is rough!), NB 1&2 OFF. Used antenna is 1/2 wave dipole outside over the roof. No grounding of antenna nor radios.

When listening to the radio (as yesterday evening), background noise was around S1-2 and I noticed that sometimes several times in a minute the S meter suddenly peaks to over S9 make some bassy "tick" and back to normal reception (as when somebody switches on a lamp and it can be heard on the speaker of an AM bradcast receiver).

Hope I was enough clear. Has anyone experienced this? Is there any faulty cap somewhere (on AGC board or somewhere else...)?

Thanks for reading me,
All the best,
Chris

4900. Capacitors a little off topic

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-31 16:56:15 UTC
From: n7ioh@cybertrails.com
Topic: 4900 Message: 4900

Hi all, my question is a little off topic but it is still a Kenwood radio. I have a R-5000 receiver and I need to replace the filter cap on the power supply board. The original cap is a 15000uF 25V cap. I would like some input as to what cap would be better to use for a replacement. I am looking at two that I have found that will fit in the space available and one I can make fit with a little work. The first is a 22000uF 25V cap and the second is a 15000uF 35V cap, both 85C temp rating. The last is a 22000uF 25V cap with a 105C temp rating. I don't know why the original cap failed, old age? My question is do I go for the higher 22000uF for better filtering or do I go for the higher voltage rating or the higher temp rating with more capacitance? I don't know if this cap is prone to failure or not. Would the 22000uF be too much and cause other problems? I would like some input from someone who knows about this kind of thing.

Thanks, Al, n7ioh

[Non-text portions of this message have been removed]

4901. Re: [TS-850_450_690] Capacitors a little off topic

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-31 19:36:27 UTC
From: Paul
Topic: 4900 Message: 4901

If you have voltage regulators after the 15000uf, it is better to stick to this value, as you may damage them. If your radio was working fine, no hum or other funny things, then I would stick to 15000 uf, perhaps with a higher voltage rating, and not with more ufs

n7ioh@... wrote: Hi all, my question is a little off topic but it is still a Kenwood radio. I have a R-5000 receiver and I need to replace the filter cap on the power supply board. The original cap is a 15000uF 25V cap. I would like some input as to what cap would be better to use for a replacement. I am looking at two that I have found that will fit in the space available and one I can make fit with a little work. The first is a 22000uF 25V cap and the second is a 15000uF 35V cap, both 85C temp rating. The last is a 22000uF 25V cap with a 105C temp rating. I don't know why the original cap failed, old age? My question is do I go for the higher 22000uF for better filtering or do I go for the higher voltage rating or the higher temp rating with more capacitance? I don't know if this cap is prone to failure or not. Would the 22000uF be too much and cause other problems? I would like some input from someone who knows about this kind of thing.

Thanks, Al, n7ioh

[Non-text portions of this message have been removed]

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[Non-text portions of this message have been removed]

4902. Re: TS850S Power Out Problem?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-31 21:23:49 UTC
From: Brian
Topic: 4878 Message: 4902

Full power on low end of 160 draws 15 amps, high end of 160 draws 17 amps. Low end of 10 meters draws 16 amps, high end draws 17 amps. The only standout was near the top of 40 meters where it was pulling 18 amps, same on 30m. On 20m it only draws 14 amps at full power.

This is according to the meter on my Astron RS-35M, which I assume should be reasonably accurate.

Any ideas? Any comments about my description of AM operation (below)?

--- In TS-850_450_690@yahoogroups.com, "Brian" <bgravesx@...> wrote:
>
> I will try your suggestion on mine sometime soon... hopefully this
> evening. I'll post the results.
>
> Here is another symptom, but in the AM mode this time.
>
> If I key down for a few seconds, carrier will rise after several
> seconds just like CW... after letting it rise, I set my carrier control
> to 40 watts (but leave RF power at full), a quick whistle or "HELLO"
> will swing it to near 100, then the carrier will drop to 20 watts or so
> and then slowly climb back to the 40 and stabilize until I modulate
> again. Audio also sounds a bit "fuzzy" on AM over the air.
>
> --- In TS-850_450_690@yahoogroups.com, "Clif" <clif@> wrote:
> >
> > A properly operating TS850 will put out 100w on all bands. It will not
> > rise after a period of time.
> >
> > The radio has a problem.
> >
> > You need to measure the current draw on each band at max power out.
> > That will tell if there is an ALC problem or something else. 100w
> > output should draw between 16-20A depending on the band. The lower
> > bands will draw less and go up gradually as the freq is increased.
> >
> > Clif
> >
>

4903. Re: [TS-850_450_690] Re: TS850S Power Out Problem?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-31 23:06:08 UTC
From: VE3WEJ Gmail
Topic: 4878 Message: 4903

is this on a dummy load ????????? if not it should be tested that way. swr
even slight can affect output, and therefore affect curent draw

Dave Garber
ve3wej/ve3ie
----- Original Message -----
From: "Brian" <bgravesx@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Wednesday, May 31, 2006 5:23 PM
Subject: [TS-850_450_690] Re: TS850S Power Out Problem?

> Full power on low end of 160 draws 15 amps, high end of 160 draws 17
> amps. Low end of 10 meters draws 16 amps, high end draws 17 amps. The
> only standout was near the top of 40 meters where it was pulling 18
> amps, same on 30m. On 20m it only draws 14 amps at full power.
>
> This is according to the meter on my Astron RS-35M, which I assume
> should be reasonably accurate.
>
> Any ideas? Any comments about my description of AM operation (below)?
>
> --- In TS-850_450_690@yahoogroups.com, "Brian" <bgravesx@...> wrote:
>>
>> I will try your suggestion on mine sometime soon... hopefully this
>> evening. I'll post the results.
>>
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>>
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>> and then slowly climb back to the 40 and stabilize until I modulate
>> again. Audio also sounds a bit "fuzzy" on AM over the air.
>>
>> --- In TS-850_450_690@yahoogroups.com, "Clif" <clif@> wrote:
>> >
>> > A properly operating TS850 will put out 100w on all bands. It will not
>> > rise after a period of time.
>> >
>> > The radio has a problem.
>> >
>> > You need to measure the current draw on each band at max power out.
>> > That will tell if there is an ALC problem or something else. 100w
>> > output should draw between 16-20A depending on the band. The lower

>> > bands will draw less and go up gradually as the freq is increased.
>> >
>> > Clif
>> >
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>
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4904. Re: [TS-850_450_690] Re: TS850S Power Out Problem?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-05-31 21:44:22 UTC
From: Paul
Topic: 4878 Message: 4904

I have never used mine on AM.
Do you have any control over the modulation level apart from the mic level ?

9H1FQ.

Brian <bgravesx@...> wrote:
Full power on low end of 160 draws 15 amps, high end of 160 draws 17
amps. Low end of 10 meters draws 16 amps, high end draws 17 amps. The
only standout was near the top of 40 meters where it was pulling 18
amps, same on 30m. On 20m it only draws 14 amps at full power.

This is according to the meter on my Astron RS-35M, which I assume
should be reasonably accurate.

Any ideas? Any comments about my description of AM operation (below)?

--- In TS-850_450_690@yahoogroups.com, "Brian" <bgravesx@...> wrote:
>
> I will try your suggestion on mine sometime soon... hopefully this
> evening. I'll post the results.
>
> Here is another symptom, but in the AM mode this time.
>
> If I key down for a few seconds, carrier will rise after several
> seconds just like CW... after letting it rise, I set my carrier control
> to 40 watts (but leave RF power at full), a quick whistle or "HELLO"
> will swing it to near 100, then the carrier will drop to 20 watts or so
> and then slowly climb back to the 40 and stabilize until I modulate
> again. Audio also sounds a bit "fuzzy" on AM over the air.
>
> --- In TS-850_450_690@yahoogroups.com, "Clif" <clif@> wrote:
> >
> > A properly operating TS850 will put out 100w on all bands. It will not
> > rise after a period of time.
> >
> > The radio has a problem.
> >
> > You need to measure the current draw on each band at max power out.
> > That will tell if there is an ALC problem or something else. 100w
> > output should draw between 16-20A depending on the band. The lower
> > bands will draw less and go up gradually as the freq is increased.
> >
> > Clif
> >
>

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[Non-text portions of this message have been removed]

4905. Re: TS850S Power Out Problem?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-06-01 00:54:09 UTC
From: Brian
Topic: 4878 Message: 4905

Yes, it was on a dummy load

--- In TS-850_450_690@yahoogroups.com, "VE3WEJ Gmail" <ve3wej@...> wrote:
>
> is this on a dummy load ????????? if not it should be tested that
way. swr
> even slight can affect output, and therefore affect curent draw
>
>
> Dave Garber
> ve3wej/ve3ie
> ----- Original Message -----
> From: "Brian" <bgravesx@...>
> To: <TS-850_450_690@yahoogroups.com>
> Sent: Wednesday, May 31, 2006 5:23 PM
> Subject: [TS-850_450_690] Re: TS850S Power Out Problem?
>
>
> > Full power on low end of 160 draws 15 amps, high end of 160 draws 17
> > amps. Low end of 10 meters draws 16 amps, high end draws 17 amps. The
> > only standout was near the top of 40 meters where it was pulling 18
> > amps, same on 30m. On 20m it only draws 14 amps at full power.
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> > This is according to the meter on my Astron RS-35M, which I assume
> > should be reasonably accurate.
> >
> > Any ideas? Any comments about my description of AM operation (below)?
> >
> > --- In TS-850_450_690@yahoogroups.com, "Brian" <bgravesx@> wrote:
> >>
> >> I will try your suggestion on mine sometime soon... hopefully this
> >> evening. I'll post the results.
> >>
> >> Here is another symptom, but in the AM mode this time.
> >>
> >> If I key down for a few seconds, carrier will rise after several
> >> seconds just like CW... after letting it rise, I set my carrier
control
> >> to 40 watts (but leave RF power at full), a quick whistle or "HELLO"
> >> will swing it to near 100, then the carrier will drop to 20 watts
or so
> >> and then slowly climb back to the 40 and stabilize until I modulate
> >> again. Audio also sounds a bit "fuzzy" on AM over the air.
> >>
> >> --- In TS-850_450_690@yahoogroups.com, "Clif" <clif@> wrote:

> >> >
> >> > A properly operating TS850 will put out 100w on all bands. It
will not
> >> > rise after a period of time.
> >> >
> >> > The radio has a problem.
> >> >
> >> > You need to measure the current draw on each band at max power out.
> >> > That will tell if there is an ALC problem or something else. 100w
> >> > output should draw between 16-20A depending on the band. The lower
> >> > bands will draw less and go up gradually as the freq is increased.
> >> >
> >> > Clif
> >> >
> >>
> >
> >
> >
> >
> >
> >
> >
> >
> > THANKS FOR USING TS-850_450_690@...
> > Yahoo! Groups Links
> >
> >
> >
> >
> >
> >
>

4906. Re: TS850 audio "ticks"

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-06-01 03:33:14 UTC
From: Clif
Topic: 4899 Message: 4906

--- In TS-850_450_690@yahoogroups.com, "ha7wac" <ha7wac@...> wrote:
>
> Hello Guys,
> I have now my 850 for 3 weeks, and soon discovered something tiring
> while listening. I precise that this does not happen on the 870 nor
> 450 radios which I also have, same place, same PS, same evenings when
> tried to compare.
>
> 850 settings: QRG 14Mhz USB, AIP ON, AGC: slow (850's AGC is rough!),
> NB 1&2 OFF. Used antenna is 1/2 wave dipole outside over the roof. No
> grounding of antenna nor radios.
>
> When listening to the radio (as yesterday evening), background noise
> was around S1-2 and I noticed that sometimes several times in a
> minute the S meter suddenly peaks to over S9 make some bassy "tick"
> and back to normal reception (as when somebody switches on a lamp and
> it can be heard on the speaker of an AM bradcast receiver).
>
> Hope I was enough clear. Has anyone experienced this? Is there any
> faulty cap somewhere (on AGC board or somewhere else...)?
>
> Thanks for reading me,
> All the best,
> Chris
>

If you can hear it on an AM broadcast receiver then it's not the the
850. It's something external.

Clif

4907. Carrier Adjustment question

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-06-01 14:22:51 UTC
From: kc9enh
Topic: 4907 Message: 4907

I have been trying to improve the audio quality of my 850 and read the carrier adjustment article from a few posts previous. I held the F. Lock button while powering up the radio to access the Menu 00. The display flashed the entire time I was in this mode performing the calibration attempt per the procedure. I adjusted the pots on the carrier board as described while modulating a fairly constant tone, such as I can produce anyway. I did not really notice any great improvement in frequency response of the audio in the earphones. My question is this, should the display flashed during this procedure and since I did not notice any change in audio, did the procedure not actually work, or might I have some problem with the carrier card?
Thanks

4908. Re: Carrier Adjustment question

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-06-01 14:55:56 UTC
From: max_ve3tmt
Topic: 4907 Message: 4908

I would not be using a tone for adjustment procedures. You should be speaking into the mic as you adjust the pots and if it you are doing it properly you will definately notice a difference in the tone of your voice. It will vary from tinny on one extreme to bassy on the other. You adjust one pot for LSB, one for USB and the third to balance the sound between the two sidebands. Pay attention to the filter settings as described in the instructions, as it determines what your signal sounds like. And yes the display should be flashing the whole time until you hit the CLR button.

Max VE3TMT

4909. Specs - Surge Absorber DSA301LA

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-06-01 18:39:42 UTC
From: Irv
Topic: 4909 Message: 4909

Does anyone have the specs on the surge absorber in the
antenna input circuitry? A rough description would suffice.

Thanks in advance for any assistance.

Irv VE6BP

4910. Re: Carrier Adjustment question

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-06-01 20:05:09 UTC
From: kc9enh
Topic: 4907 Message: 4910

OK, I did exactly as the procedure stated. I canot say that I saw much effect. Waiting to make contact now for audio check. I guess I just need an equalizer.

--- In TS-850_450_690@yahoogroups.com, "max_ve3tmt" <max_ve3tmt@...> wrote:
>
> I would not be using a tone for adjustment procedures. You should be
> speaking into the mic as you adjust the pots and if it you are doing it
> properly you will definately notice a difference in the tone of your
> voice. It will vary from tinny on one extreme to bassy on the other.
> You adjust one pot for LSB, one for USB and the third to balance the
> sound between the two sidebands. Pay attention to the filter settings
> as described in the instructions, as it determines what your signal
> sounds like. And yes the display should be flashing the whole time
> until you hit the CLR button.
>
> Max VE3TMT
>

4911. Re: Carrier Adjustment question

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-06-01 20:21:25 UTC
From: max_ve3tmt
Topic: 4907 Message: 4911

--- In TS-850_450_690@yahoogroups.com, "kc9enh" <kc9enh@...> wrote:
>
> OK, I did exactly as the procedure stated. I canot say that I saw
much effect. Waiting
> to make contact now for audio check. I guess I just need an equalizer.

An equalizer won't neccessarily help you if the carrier settings are
off. The tx audio bandwidth won't change with an EQ, you will merely be
emphasizing the frequencies that are there.

Lets say the normal TX bandwidth is 200-2600 hz approximately. If you
shift the carrier point, you may be transmitting at the same bandwidth
but in a range of say 500-2900 hz. In this case, an EQ will not help
you with frequencies below 500 or above 2900. You want to get the audio
range right before the EQ comes into play.

Max VE3TMT

4912. Question Answered - Re: Specs - Surge Absorber DSA301LA

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-06-02 02:21:52 UTC
From: Irv
Topic: 4909 Message: 4912

--- In TS-850_450_690@yahoogroups.com, "Irv" <finkirv@...> wrote:
>
>
> Does anyone have the specs on the surge absorber in the
> antenna input circuitry? A rough description would suffice.
>
> Thanks in advance for any assistance.
>
> Irv VE6BP
>
Thanks to Jerryb77 who sent me all the info I required.

Irv

4913. Re: [TS-850_450_690] Re: Carrier Adjustment question

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-06-02 14:05:57 UTC
From: Paul
Topic: 4907 Message: 4913

a poorly coupled antenna tuner will give the same symptoms, even thou you have a 1:1 swr !

4914. Kenwood TS-850 service manual for sale

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-06-02 19:29:34 UTC
From: n7ioh
Topic: 4914 Message: 4914

Hi all, for anyone interested in a Kenwood service
manual for the TS-850's there is one listed on ebay,
not mine. Here is a link to it,
http://cgi.ebay.com/Ham-Radio-Service-Manual-Orig-Kenwood-TS-850S-TS850_W0QQitemZ9735493989QQcategoryZ15050QQrdZ1QQcmdZViewItem

Al, n7ioh

4915. Re: [TS-850_450_690] Kenwood TS-850 service manual for sale

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-06-02 20:18:17 UTC
From: Paul
Topic: 4914 Message: 4915

a free e-book version of the TS850 can be downloaded here

http://n6tr.jzap.com/850repair.html

n7ioh <aslt368-ham@...> wrote:
Hi all, for anyone interested in a Kenwood service
manual for the TS-850's there is one listed on ebay,
not mine. Here is a link to it,
http://cgi.ebay.com/Ham-Radio-Service-Manual-Orig-Kenwood-TS-850S-TS850_W0QQitemZ9735493989QQcategoryZ15050QQrdZ1QQcmdZViewItem

Al, n7ioh

THANKS FOR USING TS-850_450_690@...

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---
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Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

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Tired of spam? Yahoo! Mail has the best spam protection around
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[Non-text portions of this message have been removed]

4916. Re: Kenwood TS-850 service manual for sale

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-06-02 20:52:32 UTC
From: max_ve3tmt
Topic: 4914 Message: 4916

--- In TS-850_450_690@yahoogroups.com, n7ioh <aslt368-ham@...> wrote:
>
> Hi all, for anyone interested in a Kenwood service
> manual for the TS-850's there is one listed on ebay,
> not mine. Here is a link to it,
>
http://cgi.ebay.com/Ham-Radio-Service-Manual-Orig-Kenwood-TS-850S-TS850_W0QQitemZ973549398
9QQcategoryZ15050QQrdZ1QQcmdZViewItem
>
> Al, n7ioh
>

Here's where you can download a free one:

http://www.wz5q.net/index/manuals.htm

4917. Re: [TS-850_450_690] Kenwood TS-850 service manual for sale

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-06-03 00:35:18 UTC
From: Charles Mortimer
Topic: 4914 Message: 4917

thanks for the tip
i am on it now
australia
----- Original Message -----
From: n7ioh
To: TS-850_450_690@yahoogroups.com
Sent: Saturday, June 03, 2006 3:29 AM
Subject: [TS-850_450_690] Kenwood TS-850 service manual for sale

Hi all, for anyone interested in a Kenwood service
manual for the TS-850's there is one listed on ebay,
not mine. Here is a link to it,
http://cgi.ebay.com/Ham-Radio-Service-Manual-Orig-Kenwood-TS-850S-TS850_W0QQitemZ973549398
9QQcategoryZ15050QQrdZ1QQcmdZViewItem

Al, n7ioh

THANKS FOR USING TS-850_450_690@...

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a.. Visit your group "TS-850_450_690" on the web.

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TS-850_450_690-unsubscribe@yahoogroups.com

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[Non-text portions of this message have been removed]

4920. Hi-Fi SSB modulation with ts-850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-06-04 16:46:04 UTC
From: Allan
Topic: 4920 Message: 4920

Hi all,

I'm interesting to try the hi-fi ssb modulation with my ts-850.

Could you tell me about your experiences ?

Many thanks,

Regards

Allan

_____
Yahoo! Mail r?invente le mail ! D?couvrez le nouveau Yahoo! Mail et son interface r?volutionnaire.
http://fr.mail.yahoo.com

4921. Re: Hi-Fi SSB modulation with ts-850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-06-05 00:19:22 UTC
From: max_ve3tmt
Topic: 4920 Message: 4921

Allan,

Check out any of the links listed below. You will get much more information than can be talked about here.

Max

http://www.nu9n.com/home.htm

http://www.w3oz.netfirms.com/

http://www.w5jay.net/850/850.htm

http://www.cleanrf.com/ka0ka/

4922. Re: TS850 audio "ticks"

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-06-05 04:09:16 UTC
From: Dan Janda
Topic: 4899 Message: 4922

Clif,

He was not saying he heard it on an AM receiver.
He said it sounded like the sound you sometimes
hear on an AM receiver when a light is turned on
or off.

He wants to know if he's got a unique problem,
really, or is this something others have observed.

I've not had the experience you have, Chris.
Is there a possibility of a reasonably local
arcing source? Welder, Electric Fence, or some
power switch or relay nearby? Does this happen
often? Fairly frequently? Can you listen with
multiple recievers at the same time?

I hope you are able to narrow down the scope of
the problem, Chris.

Dan
AA3LS

--- In TS-850_450_690@yahoogroups.com, "Clif" <clif@...> wrote:
>
> --- In TS-850_450_690@yahoogroups.com, "ha7wac" <ha7wac@> wrote:
> >
> > Hello Guys,
> > I have now my 850 for 3 weeks, and soon discovered something tiring
> > while listening. I precise that this does not happen on the 870 nor
> > 450 radios which I also have, same place, same PS, same evenings when
> > tried to compare.
> >
> > 850 settings: QRG 14Mhz USB, AIP ON, AGC: slow (850's AGC is rough!),
> > NB 1&2 OFF. Used antenna is 1/2 wave dipole outside over the roof. No
> > grounding of antenna nor radios.
> >
> > When listening to the radio (as yesterday evening), background noise
> > was around S1-2 and I noticed that sometimes several times in a
> > minute the S meter suddenly peaks to over S9 make some bassy "tick"
> > and back to normal reception (as when somebody switches on a lamp and
> > it can be heard on the speaker of an AM bradcast receiver).
> >
> > Hope I was enough clear. Has anyone experienced this? Is there any
> > faulty cap somewhere (on AGC board or somewhere else...)?
> >

> > Thanks for reading me,
> > All the best,
> > Chris
> >
>
>
> If you can hear it on an AM broadcast receiver then it's not the the
> 850. It's something external.
>
> Clif
>

4923. Re: [TS-850_450_690] Re: TS850 audio "ticks"

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-06-05 09:17:56 UTC
From: Paul
Topic: 4899 Message: 4923

I have had a similar problem. The TS850 has no mains input filter. The ferrites on the dc cable may not be enough. I have fitted a mains input filter (ferrite ring and capacitors) from an old TV reciever. It fits easily in the ps50 psu.

9H1FQ

Dan Janda <birchardvilleobservatory@...> wrote:
Clif,

He was not saying he heard it on an AM receiver.
He said it sounded like the sound you sometimes
hear on an AM receiver when a light is turned on
or off.

He wants to know if he's got a unique problem,
really, or is this something others have observed.

I've not had the experience you have, Chris.
Is there a possibility of a reasonably local
arcing source? Welder, Electric Fence, or some
power switch or relay nearby? Does this happen
often? Fairly frequently? Can you listen with
multiple recievers at the same time?

I hope you are able to narrow down the scope of
the problem, Chris.

Dan
AA3LS

4926. Re: TS850 audio "ticks"

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-06-10 05:26:16 UTC
From: Dan Janda
Topic: 4899 Message: 4926

Paul,

That might be a reason I don't hear these (or haven't yet, anyway)
-- I use an ASTRON 35 amp linear power supply, and I suspect the
huge additional capacity (and capacitors) may filter my supply
more than if I had the PS-50 or another power supply.

Thanks for your suggestion.

Dan AA3LS

--- In TS-850_450_690@yahoogroups.com, Paul <malti7388@...> wrote:
>
> I have had a similar problem. The TS850 has no mains input filter.
The ferrites on the dc cable may not be enough. I have fitted a mains
input filter (ferrite ring and capacitors) from an old TV reciever.
It fits easily in the ps50 psu.
>
> 9H1FQ
>
> Dan Janda <birchardvilleobservatory@...> wrote:
> Clif,
>
> He was not saying he heard it on an AM receiver.
> He said it sounded like the sound you sometimes
> hear on an AM receiver when a light is turned on
> or off.
>
> He wants to know if he's got a unique problem,
> really, or is this something others have observed.
>
> I've not had the experience you have, Chris.
> Is there a possibility of a reasonably local
> arcing source? Welder, Electric Fence, or some
> power switch or relay nearby? Does this happen
> often? Fairly frequently? Can you listen with
> multiple recievers at the same time?
>
> I hope you are able to narrow down the scope of
> the problem, Chris.
>
> Dan
> AA3LS
>

4929. spam

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-06-12 23:30:40 UTC
From: Dave
Topic: 4929 Message: 4929

can you block the spam from crane to not let it through

4930. SP-230 Price

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-06-12 22:12:00 UTC
From: Mark Saunders, KJ7BS
Topic: 4930 Message: 4930

What is a resonable price I can expect to pay for an SP-230. I would like to have one to match my TS-850S station. It appears $70-$80 is the going price on the eBay auction site.

Mark Saunders, KJ7BS
Glendale, AZ

4934. Center frequency of 500 Hz CW Filter

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-06-13 02:53:51 UTC
From: max_ve3tmt
Topic: 4934 Message: 4934

I recently put a 500 Hz CW filter in the 455 IF in the 850 for RTTY and PSK work. However I find the center frequency is a bit high for my liking around 1200-1700 Hz pass band. How can I get it down in the 1000 Hz center frequency?

Max VE3TMT

4935. Re: [TS-850_450_690] spam

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-06-13 04:09:04 UTC
From: Zack Widup
Topic: 4929 Message: 4935

Well, I know three things about him:

1) He's a subscriber to this group
2) He has an address book with this group's address in it
3) He inadvertently opened the same e-mail he received from somewhere
else, even if just by clicking on it.

This e-mail is insidiously set up to send itself to your address book
using your real e-mail address unbeknownst to you.

I'm reading my e-mail with a text-only access on my server and don't have
an address book, so I'm immune as far as I know. :-)

73, Zack W9SZ

On Mon, 12 Jun 2006, Dave wrote:

> can you block the spam from crane to not let it through
>
>
>
>
>

4936. Re: [TS-850_450_690] spam

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-06-13 04:46:10 UTC
From: Zack Widup
Topic: 4929 Message: 4936

I did a little more research on this thing. It's a Javascript worm called JS.Yamanner@m. Once you open it, it gains access to your Yahoo groups via the web (not with your e-mail program) and sends itself out to your Yahoo groups.

Batten down the hatches maties ...

73, Zack W9SZ

4937. Re: [TS-850_450_690] Re: spam

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-06-13 04:39:26 UTC
From: Zack Widup
Topic: 4929 Message: 4937

This is a new Javascript worm called JS.Yamanner@m. Anyone who opens it is going to be sending it out. It peculiarly sends itself to all the Yahoogroups a person is subscribed to, AT YAHOO (not from your own e-mail program on your computer). I have a feeling we're in for a deluge ...

73, Zack W9SZ

On Tue, 13 Jun 2006, max_ve3tmt wrote:

> --- In TS-850_450_690@yahoogroups.com, "Dave" <ve3wej@...> wrote:
> >
> > can you block the spam from crane to not let it through
>
> That member has been placed on moderated status.
>
> Max VE3TMT
>

4938. Re: [TS-850_450_690] SP-230 Price

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-06-13 19:03:24 UTC
From: VE3WEJ Gmail
Topic: 4930 Message: 4938

matching speaker is the sp31 and they are about 75-100 dollars....not sure why you want a 230. I dont remember, but i think they are a different shade...

Dave Garber
ve3wej/ve3ie
----- Original Message -----
From: Mark Saunders, KJ7BS
To: TS-850S Group
Sent: Monday, June 12, 2006 6:12 PM
Subject: [TS-850_450_690] SP-230 Price

What is a resonable price I can expect to pay for an SP-230. I would like to have one to match my TS-850S station. It appears $70-$80 is the going price on the eBay auction site.

Mark Saunders, KJ7BS
Glendale, AZ

[Non-text portions of this message have been removed]

4939. Re: SP-230 Price

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-06-13 20:00:49 UTC
From: Mark Saunders
Topic: 4930 Message: 4939

You are correct. I don't know where I got in my head that the SP-230 was the matching speaker for the TS-850S. I'll start looking for the SP-31 instead.

Thanks for pointing out my mistake.

Mark Saunders, KJ7BS
Glendale, AZ

--- In TS-850_450_690@yahoogroups.com, "VE3WEJ Gmail" <ve3wej@...> wrote:
>
> matching speaker is the sp31 and they are about 75-100 dollars....not sure why you want a 230. I dont remember, but i think they are a different shade...
>
>
> Dave Garber
> ve3wej/ve3ie
> ----- Original Message -----
> From: Mark Saunders, KJ7BS
> To: TS-850S Group
> Sent: Monday, June 12, 2006 6:12 PM
> Subject: [TS-850_450_690] SP-230 Price
>
>
> What is a resonable price I can expect to pay for an SP-230. I would like to have one to match my TS-850S station. It appears $70-$80 is the going price on the eBay auction site.
>
> Mark Saunders, KJ7BS
> Glendale, AZ
>
>
>
>
> [Non-text portions of this message have been removed]
>

4940. DSP-100 for sale in mint condition

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-06-14 10:30:41 UTC
From: jeff_king169
Topic: 4940 Message: 4940

Have a look at:

http://www.eham.net/classifieds/detail/203900
or
http://jking.kol.co.nz/DSP-100.htm

4941. TS-850 receive audio dies

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-06-15 18:33:43 UTC
From: kc9enh
Topic: 4941 Message: 4941

My 850 has receive audio for a few seconds after transmit and then it dies out. If I key again quickly it returns again for a few seconds. Any ideas?

Doyle/K9DEH

4942. Re: TS-850 receive audio dies

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-06-15 19:35:50 UTC
From: max_ve3tmt
Topic: 4941 Message: 4942

--- In TS-850_450_690@yahoogroups.com, "kc9enh" <kc9enh@...> wrote:
>
> My 850 has receive audio for a few seconds after transmit and then it
> dies out. If I key again quickly it returns again for a few seconds.
> Any ideas?
>
> Doyle/K9DEH
>

Have you checked your squelch control?

4943. Re: TS-850 receive audio dies

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-06-15 19:39:03 UTC
From: kc9enh
Topic: 4941 Message: 4943

It is wide open. I have loud recieve audio for few seconds after TX
and then it drops out. I hear very well for that short time.

--- In TS-850_450_690@yahoogroups.com, "max_ve3tmt" <max_ve3tmt@...>
wrote:
>
> --- In TS-850_450_690@yahoogroups.com, "kc9enh" <kc9enh@> wrote:
> >
> > My 850 has receive audio for a few seconds after transmit and then it
> > dies out. If I key again quickly it returns again for a few seconds.
> > Any ideas?
> >
> > Doyle/K9DEH
> >
>
> Have you checked your squelch control?
>

4944. Re: TS-850 receive audio dies UPDATE

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-06-15 20:32:40 UTC
From: kc9enh
Topic: 4941 Message: 4944

I tested the TX8 and RX8 voltage on the rig. TX8 goes to 8 Volts in transmit. The RX8 goes to 8V when mike is released, but then bleads off to 0V in about 5 seconds. Can this be the caps on the CAR board or something else?

Thanks
Doyle/K9DEH

4945. Re: TS-850 receive audio dies UPDATE

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-06-15 21:40:09 UTC
From: max_ve3tmt
Topic: 4941 Message: 4945

--- In TS-850_450_690@yahoogroups.com, "kc9enh" <kc9enh@...> wrote:
>
> I tested the TX8 and RX8 voltage on the rig. TX8 goes to 8 Volts
in
> transmit. The RX8 goes to 8V when mike is released, but then
bleads
> off to 0V in about 5 seconds. Can this be the caps on the CAR
board or
> something else?
>
> Thanks
> Doyle/K9DEH
>

Doyle,

Measure the voltages on the TRX sub-board. Check pin 7 for 8V in both TX & RX. Check pin 10 for 8V in RX only. If it still bleeds off here try jumpering pin 7 to pin 10 while in RX mode. If the receive comes back then the TRX board is faulty. Had the same symptoms on mine only I lost TX. Traced it back to this back and saw a smoked 2SA1204 on the board. Replaced the board and all has been fine ever since.

Max

The TRX board in on the IF board. Turn the radio over and the IF board is on the right assuming the front of the 850 is facing you. The TRX board is in the upper right corner with a few others. It is labelled on the IF board. Pin 1 is on the left, pin 11 on the right.

4946. Re: TS-850 receive audio dies UPDATE--TRX sub-board

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-06-16 00:29:20 UTC
From: kc9enh
Topic: 4941 Message: 4946

OK, I went to measure the voltage on the board. Moved the board slightly to visual the components before turning radio on. When powered up everything was fine. I tapped on the board and still OK. As the old saying goes, "Leave working boards alone". It goes again I at least know where to look.
Thanks

--- In TS-850_450_690@yahoogroups.com, "max_ve3tmt" <max_ve3tmt@...> wrote:
>
> --- In TS-850_450_690@yahoogroups.com, "kc9enh" <kc9enh@> wrote:
> >
> > I tested the TX8 and RX8 voltage on the rig. TX8 goes to 8 Volts
> in
> > transmit. The RX8 goes to 8V when mike is released, but then
> bleads
> > off to 0V in about 5 seconds. Can this be the caps on the CAR
> board or
> > something else?
> >
> > Thanks
> > Doyle/K9DEH
> >
>
> Doyle,
>
> Measure the voltages on the TRX sub-board. Check pin 7 for 8V in
> both TX & RX. Check pin 10 for 8V in RX only. If it still bleeds off
> here try jumpering pin 7 to pin 10 while in RX mode. If the receive
> comes back then the TRX board is faulty. Had the same symptoms on
> mine only I lost TX. Traced it back to this back and saw a smoked
> 2SA1204 on the board. Replaced the board and all has been fine ever
> since.
>
> Max
>
> The TRX board in on the IF board. Turn the radio over and the IF
> board is on the right assuming the front of the 850 is facing you.
> The TRX board is in the upper right corner with a few others. It is
> labelled on the IF board. Pin 1 is on the left, pin 11 on the right.
>

4947. Re: TS-850 receive audio dies UPDATE--TRX sub-board

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-06-16 01:15:55 UTC
From: max_ve3tmt
Topic: 4941 Message: 4947

--- In TS-850_450_690@yahoogroups.com, "kc9enh" <kc9enh@...> wrote:
>
> OK, I went to measure the voltage on the board. Moved the board
> slightly to visual the components before turning radio on. When
> powered up everything was fine. I tapped on the board and still OK.
As
> the old saying goes, "Leave working boards alone". It goes again I at
> least know where to look.
> Thanks

Might be a cold solder joint. You should be able to touch them up from the component side if it happens again.

Max

4948. Re: [TS-850_450_690] KENWOOD FOR SALE TS 450S

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-06-16 01:31:52 UTC
From: Ronnie Bass
Topic: 4941 Message: 4948

IF ANYBODY INTEREST ABOUT KENWOOD TS 450S WITH A ANTENNA TUNER IN IT FROM FACTORY LET ME KNOW I GOT ONE SELLING FOR 600.00 OR BEST OFFER THE RADIO COME WITH A STOCK MIC WORKS GOOD I BEEN TALKING ON IT IT A GOOD RADIO MOVEING GOT TO SELL THANKS DONT MEAN TO USE CAPS BUT I DONT LIKE TYPEING IN LITTLE CASE LETTERS SORRY

ERNEST T BASS

[Non-text portions of this message have been removed]

4949. hallo to all--- ts 690s/at

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-06-18 12:07:00 UTC
From: g1fak
Topic: 4949 Message: 4949

ts 690 i hardley see any reference to the ts690s/ sat do people have these radios or they thin on the ground or does it mean that they are so good that they dont give trouble or some just a can of worms that people dont like to own up to them looking forward to seing the replys what are the pitfalls and problems of these units (the only thing that i have found at the moment is the rotten inboard speaker)
charles G1FAK

4950. Re: [TS-850_450_690] hallo to all--- ts 690s/at

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-06-18 12:34:30 UTC
From: Tom LeClerc W1TJL
Topic: 4949 Message: 4950

Morning Charles,

I have had one for years with nary a lick of trouble... It is the same as the TS-450 and I don't think as many were sold but it has the 6 meter band and is a little gem! I use it as a backup and SO2R radio with my TS-950SDX as the main radio... Side by side, the 950 has a bit better receiver but only slightly better and I would use the 690 without reservation. Works well on the occasional field day and camping trip also...

Hope that helps...

73, Tom W1TJL
--
Tom LeClerc, Amateur Radio Station W1TJL
(past calls WB1CBY, /VE8,XL8,VO1)

LeClerc Consulting
email: w1tjl@...
PC/Network Consulting

On 6/18/06, g1fak <mortimer@...> wrote:

> ts 690 i hardley see any reference to the ts690s/ sat do people have
> these radios or they thin on the ground or does it mean that they are
> so good that they dont give trouble or some just a can of worms that
> people dont like to own up to them looking forward to seing the replys
> what are the pitfalls and problems of these units (the only thing
> that i have found at the moment is the rotten inboard speaker)
> charles G1FAK
>
>
>

[Non-text portions of this message have been removed]

4951. Power

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-06-18 12:49:28 UTC
From: Charles Jordan
Topic: 4951 Message: 4951

Can not turn power up or down on the 850s.
What you think? KC8ZLV Charles,Winchester Ohio

[Non-text portions of this message have been removed]

4952. Re: Power

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-06-18 14:35:11 UTC
From: max_ve3tmt
Topic: 4951 Message: 4952

--- In TS-850_450_690@yahoogroups.com, "Charles Jordan"
<charles.jordon@...> wrote:
>
> Can not turn power up or down on the 850s.
> What you think? KC8ZLV Charles,Winchester Ohio
>
> [Non-text portions of this message have been removed]

Charles,

Give us a bit more information please.

What modes? What controls are you turning?

Max VE3TMT

4953. Re: [TS-850_450_690] Re: Power

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-06-18 16:43:52 UTC
From: Charles Jordan
Topic: 4951 Message: 4953

-------Original Message-------

From: max_ve3tmt
Date: 06/18/06 10:35:25
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] Re: Power

--- In TS-850_450_690@yahoogroups.com, "Charles Jordan"
<charles.jordon@...> wrote:
>
> Can not turn power up or down on the 850s.
> What you think? KC8ZLV Charles,Winchester Ohio
>
> [Non-text portions of this message have been removed]

Charles,

Give us a bit more information please.

What modes? What controls are you turning?

Max VE3TMT

AM,FM Upper & Lower sideband Power Out control
Don't work in any of these modes.

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---~->

THANKS FOR USING TS-850_450_690@...
Yahoo! Groups Links

[Non-text portions of this message have been removed]

4954. Re: TS850S Power Out Problem?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-06-18 17:36:18 UTC
From: Brian
Topic: 4878 Message: 4954

Anyone have any more insight into this problem? I suspected the DC-DC board, but I tested it while in the radio under operation and the output was -6.2 volts regardless of mode or power output. From what I've read, it's operating properly. Any ideas?

--- In TS-850_450_690@yahoogroups.com, "Brian" <bgravesx@...> wrote:
>
> I will try your suggestion on mine sometime soon... hopefully this
> evening. I'll post the results.
>
> Here is another symptom, but in the AM mode this time.
>
> If I key down for a few seconds, carrier will rise after several
> seconds just like CW... after letting it rise, I set my carrier control
> to 40 watts (but leave RF power at full), a quick whistle or "HELLO"
> will swing it to near 100, then the carrier will drop to 20 watts or so
> and then slowly climb back to the 40 and stabilize until I modulate
> again. Audio also sounds a bit "fuzzy" on AM over the air.
>
> --- In TS-850_450_690@yahoogroups.com, "Clif" <clif@> wrote:
> >
> > A properly operating TS850 will put out 100w on all bands. It will not
> > rise after a period of time.
> >
> > The radio has a problem.
> >
> > You need to measure the current draw on each band at max power out.
> > That will tell if there is an ALC problem or something else. 100w
> > output should draw between 16-20A depending on the band. The lower
> > bands will draw less and go up gradually as the freq is increased.
> >
> > Clif
> >
> Checking the power output into a dummy load in CW mode, the power
> climbs just a bit, maybe 5-10 watts in 10 seconds, on each band. That
> doesn't seem normal to me. Aproximate output power on each band is as
> follows: 160m-55Watts, 75m-130w,
> 40m-130w, 30m-138w, 20m-100w, 17m-100w, 15m-47w, 12m-53w, 10m-40w,
> 10m(29mhz)-33w. Something tells me it has a problem, can someone
> confirm this? It was sold to me as excellent however I don't believe
> these power figures are indicative of a properly operating '850S. What
> is the cause of this power output problem? What is the cure?
> Any info will be greatly appreciated.
> Thanks,
> John N0EE

>
>
> > Mine does the exact same thing. On keydown it takes about 10
> > seconds before it reaches full output, starting at 75 watts then
> > rising to about 100 after 10 seconds or so. I was never sure if
> > it was a problem or not, since everything else seems to work
> > fine. My power output is more even across the bands than yours,
> > but it still shows lower output on 160 and 10 than it does on
> > the others.
> >
> > Brian VA3DXV

4955. Wanted: YK-88C-1 500Hz CW filter

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-06-19 20:07:35 UTC
From: pa7two
Topic: 4955 Message: 4955

Hi all Kenwood lovers,

I just bought my third Kenwood rig (First the TS690, also the TS850) the TS-570DSG. I am looking for a Kenwood 500Hz CW filter, type "YK-88C-1".

An equivalent of Inrad is also OK, as long as it is 400-500Hz.

Who has one for sale for me?

Please your reply to: LetYourFingersTalk @ gmail . com

Thanks,

73, de Kees - pa7two - m5two.

4957. Re: [TS-850_450_690] Re: Wanted: YK-88C-1 500Hz CW filter

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-06-20 21:25:21 UTC
From: Russell Blair
Topic: 4955 Message: 4957

Check WWW.qth.com/wq5j under thing for sale. He shows
YK88C 500hz

Russell NC5O

--- max_ve3tmt <max_ve3tmt@...> wrote:

> --- In TS-850_450_690@yahoogroups.com, "pa7two"
> <pa7two@...> wrote:
> >
> > Hi all Kenwood lovers,
> >
> > I just bought my third Kenwood rig (First the
> TS690, also the TS850)
> > the TS-570DSG. I am looking for a Kenwood 500Hz CW
> filter, type
> > "YK-88C-1".
>
>
> I just dropped the equivalent 455 IF filter into my
> 850. Makes a
> wonderful difference on PSK and RTTY.
>
> Max
>
>
>
>

===
Russell Blair
QTH ========= Richardson Tx
CALL ========= NC5O
GRID ========= EM12tx
FH# ========== 300
===

____
Do You Yahoo!?
Tired of spam? Yahoo! Mail has the best spam protection around
http://mail.yahoo.com

4958. Re: Wanted: YK-88C-1 500Hz CW filter

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-06-21 01:20:16 UTC
From: Clif
Topic: 4955 Message: 4958

Just FYI the YK88C and the YK88C-1 are NOT interchangeable. Besides the fact the C-1 is on a small PCB it also has a different center frequency. Therefore you cannot put a YK88C on the PCB and use it.

Clif

--- In TS-850_450_690@yahoogroups.com, Russell Blair <russell_blair86@...> wrote:
>
> Check WWW.qth.com/wq5j under thing for sale. He shows
> YK88C 500hz
>
> Russell NC5O
>
> --- max_ve3tmt <max_ve3tmt@...> wrote:
>
> > --- In TS-850_450_690@yahoogroups.com, "pa7two"
> > <pa7two@> wrote:
> > >
> > > Hi all Kenwood lovers,
> > >
> > > I just bought my third Kenwood rig (First the
> > TS690, also the TS850)
> > > the TS-570DSG. I am looking for a Kenwood 500Hz CW
> > filter, type
> > > "YK-88C-1".
> > >
> > >
> > > I just dropped the equivalent 455 IF filter into my
> > 850. Makes a
> > > wonderful difference on PSK and RTTY.
> > >
> > > Max
> > >
> > >
> > >
> > >
> >
> >
> > ==
> > Russell Blair
> > QTH ========= Richardson Tx
> > CALL ========= NC5O
> > GRID ========= EM12tx
> > FH# ========== 300

> ==
>
> ____
> Do You Yahoo!?
> Tired of spam? Yahoo! Mail has the best spam protection around
> http://mail.yahoo.com
>

4961. dsp-100

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-06-29 14:03:38 UTC
From: Eric
Topic: 4138 Message: 4961

Group,

Although I will probably regret this someday, I will do it anyway. I have a KW DSP-100 I would like to sell. Please contact me direct for discussion on the item. Taking highest offer $450 min.

kr9w@...

Eric

4962. Re: dsp-100

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-06-29 20:48:41 UTC
From: max_ve3tmt
Topic: 4138 Message: 4962

--- In TS-850_450_690@yahoogroups.com, Eric <kr9w@...> wrote:
>
> Group,
>
> Although I will probably regret this someday, I will do it anyway. I
> have a KW DSP-100 I would like to sell. Please contact me direct for
> discussion on the item. Taking highest offer $450 min.
>
> kr9w@...
>
> Eric

Eric,

Try the HIFI SSB group, I'm sure you'll have some takers. It is
ridiculous what those units arew commanding these days. Not to say I
wouldn't mind it myself, but too rich for my blood.

Max VE3TMT

4964. Service Manual ts-850 (just the COMPONENT & PC BOARD VIEW IN COLOR PLEASE)

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-07-02 15:20:42 UTC
From: va2nrj
Topic: 4964 Message: 4964

Hello And thanks for reading

I have a copy of the service Manual in black and white
Very usefull except when you try to locate a component on a board
So I try to find a scan IN COLOR of the COMPONENT SIDE VIEW & PC BOARD VIEW
So Anyone can help me and scan IN COLOR (pdf or jpeg or bmp or whatever) the following page ONLY :

116-117-118-119-120
129-130-131-132
141-142-143-144-145-146
155-156-157
161-162
165-166
169-170
174-175-176-177-178
195
202
206-207

Thanks in advance for all the time you will take to do it and 73's

4966. Digital Display Calibration Cable

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-07-05 02:37:30 UTC
From: William
Topic: 4966 Message: 4966

Greetings
My TS-450-SAT is starting to be just a little off frequency. I read in the manual that the display could be adjusted using WWV as the frequency standard using an accessory calibration cable. Is this a "special" cable or can a plain old insulated jumper wire be used. Pacific Coast Parts doesn't even list the factory cable on their replacement parts list.

Thanks in advance
"73" from Lawrence County Indiana!
WW - KB9TMP EM68su
http://www.qsl.net/kb9tmp/

4967. Re: Digital Display Calibration Cable

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-07-05 11:08:47 UTC
From: max_ve3tmt
Topic: 4966 Message: 4967

--- In TS-850_450_690@yahoogroups.com, "William" <wwjackpot@...> wrote:
>
> Greetings
> My TS-450-SAT is starting to be just a little off frequency. I read in
> the manual that the display could be adjusted using WWV as the
> frequency standard using an accessory calibration cable. Is this a
> "special" cable or can a plain old insulated jumper wire be used.
> Pacific Coast Parts doesn't even list the factory cable on their
> replacement parts list.

William, I believe the cable is a small diameter coax coable with the push-in ends similar to the others in the radio. Although not as accurate, you can adjust the rig by tuning to WWWV at 15 Mhz and while alternating between USB and LSB, adjust the oscillator trimmer cap for identical tones. Not as exact as the recommended method but if the rig is that far out you will see some improvement anyway.

Max

4969. Re: Carrier setpoint menu problem.

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-07-05 15:04:23 UTC
From: max_ve3tmt
Topic: 4969 Message: 4969

--- In TS-850_450_690@yahoogroups.com, "Terry" <telboy_vhs@...> wrote:
>
> Hi Fellow Kenwoodians...
>
> I am having problems with getting the menu to stop flashing on a TS-
> 850. I do the normal PWR + F.LOCK and I can't get the menu to 00 or 01
> to stay steady to do the carrier setpoints.
>
> I have tried on another 850 and it does the same...flashes.
>
> Am I going mad? I have done this before to 850's in the past without
> any problems I think.
>
> Thanks in advance.
>
> Terry G0VHS

Terry,

It is supposed to be flashing. When you are done and hit the CLR
button it will stop flashing. You aren't going mad!!!

Max VE3TMT

4970. TS 450s reset

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-07-07 01:37:51 UTC
From: DUVA Jorge SIDERCROM
Topic: 4970 Message: 4970

Hello all, im new in this group and im locking for informattion for make a "factory reset" in my Kenwood TS450s.

Thanks in advance.

Jorge D'Uva
LU9EBZ
San Nicolas
Argentina

4971. Re: [TS-850_450_690] TS 450s reset

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-07-07 13:45:45 UTC
From: VE3WEJ Gmail
Topic: 4970 Message: 4971

the 850 says hold the a=b key then while holding in press the power switch. should/could be the same on the 450. I know the 440 was that way too...

Dave Garber
ve3wej/ve3ie
----- Original Message -----
From: DUVA Jorge SIDERCROM
To: TS-850_450_690@yahoogroups.com
Sent: Thursday, July 06, 2006 9:37 PM
Subject: [TS-850_450_690] TS 450s reset

Hello all, im new in this group and im locking for informattion for make
a "factory reset" in my Kenwood TS450s.

Thanks in advance.

Jorge D'Uva
LU9EBZ
San Nicolas
Argentina

[Non-text portions of this message have been removed]

4972. For sale : YK-455C-1 500 Hz CW Filter

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-07-07 20:21:42 UTC
From: max_ve3tmt
Topic: 4972 Message: 4972

Plug in filter for the TS570/850/450/690 and 940 radios. As new with box and documentation. I'm looking to get $75 plus shipping for it as I am selling it to finance another purchase. Virtually eliminates QRM when operating the digital modes. Will ship anywhere in North America.

If interested contact me off board

max_ve3tmt (at) yahoo.ca

4973. Re: [TS-850_450_690] TS 450s reset

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-07-08 00:21:12 UTC
From: Tom Osborne
Topic: 4970 Message: 4973

That is correct according to my '450 manual. 73
Tom W7WHY

----- Original Message -----
From: VE3WEJ Gmail
To: TS-850_450_690@yahoogroups.com
Sent: Friday, July 07, 2006 6:45 AM
Subject: Re: [TS-850_450_690] TS 450s reset

the 850 says hold the a=b key then while holding in press the power switch. should/could be the same on the 450. I know the 440 was that way too...

Dave Garber
ve3wej/ve3ie
----- Original Message -----
From: DUVA Jorge SIDERCROM
To: TS-850_450_690@yahoogroups.com
Sent: Thursday, July 06, 2006 9:37 PM
Subject: [TS-850_450_690] TS 450s reset

Hello all, im new in this group and im locking for informattion for make
a "factory reset" in my Kenwood TS450s.

Thanks in advance.

Jorge D'Uva
LU9EBZ
San Nicolas
Argentina

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

4974. RE: [TS-850_450_690] TS 450s reset

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-07-08 01:37:35 UTC
From: DUVA Jorge SIDERCROM
Topic: 4970 Message: 4974

Yessss, this is the factory reset.
Thanks Dave.

73
Jorge D'Uva
LU9EBZ

_____

De: TS-850_450_690@yahoogroups.com
[mailto:TS-850_450_690@yahoogroups.com]
Enviado el: Viernes, 07 de Julio de 2006 10:46 a.m.
Para: TS-850_450_690@yahoogroups.com
Asunto: Re: [TS-850_450_690] TS 450s reset

the 850 says hold the a=b key then while holding in press the power
switch. should/could be the same on the 450. I know the 440 was that way
too...

Dave Garber
ve3wej/ve3ie
----- Original Message -----
From: DUVA Jorge SIDERCROM
To: TS-850_450_690@ <mailto:TS-850_450_690%40yahoogroups.com>
yahoogroups.com
Sent: Thursday, July 06, 2006 9:37 PM
Subject: [TS-850_450_690] TS 450s reset

Hello all, im new in this group and im locking for informattion for make
a "factory reset" in my Kenwood TS450s.

Thanks in advance.

Jorge D'Uva
LU9EBZ
San Nicolas
Argentina

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

4975. WANTED TS450S PA Board

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-07-09 06:25:45 UTC
From: n7maq
Topic: 4975 Message: 4975

Hello, I'm looking for a good PA board for my TS450S, I would like it to be in good working condition. I would think about a whole parts radio with a good TX section.

Please email me directly to n7maq@....

Thanks,

Jim.

4976. Re: Digital Display Calibration Cable

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-07-14 02:19:54 UTC
From: William
Topic: 4966 Message: 4976

Thanks Max

--- In TS-850_450_690@yahoogroups.com, "max_ve3tmt" <max_ve3tmt@...>
wrote:

>
> William, I believe the cable is a small diameter coax coable with the
> push-in ends similar to the others in the radio. Although not as
> accurate, you can adjust the rig by tuning to WWWV at 15 Mhz and while
> alternating between USB and LSB, adjust the oscillator trimmer cap for
> identical tones. Not as exact as the recommended method but if the rig
> is that far out you will see some improvement anyway.
>
> Max
>

4977. Done side by side TS-850S and Ten Tec Omni VI+?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-07-14 18:57:57 UTC
From: nz7c
Topic: 4977 Message: 4977

If anyone has run these 2 rigs side by side I would like to hear your observations. I am looking at the TS-850S - previously I've been hooked on Ten TEcs. Thanks in advance.

4978. TS-850S serial numbers which came with 66312 chip

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-07-14 18:56:33 UTC
From: nz7c
Topic: 4978 Message: 4978

I am looking at a a TS-850S with a serial number in the 50 million range. Is there a source where I can fin out if the range came with the 66312 chips instead of the 6631? Thank you.

4979. Re: Done side by side TS-850S and Ten Tec Omni VI+?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-07-14 21:41:01 UTC
From: w7tea
Topic: 4977 Message: 4979

I have both rigs and would be happy to share comparisons off line. I have only used the VI+ for CW. I've used my 850S/AT for SSB, CW and some PSK-31. Both have InRad filters. Let me know your operating interests and I'll give you my 2 cents worth if I've any experience with
the rigs in those areas.

73, Gary W7TEA

--- In TS-850_450_690@yahoogroups.com, "nz7c" <nz7c@...> wrote:
>
> If anyone has run these 2 rigs side by side I would like to hear your
> observations. I am looking at the TS-850S - previously I've been
> hooked on Ten TEcs. Thanks in advance.
>

4980. Re: [TS-850_450_690] TS-850S serial numbers which came with 66312 chip

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-07-15 01:17:18 UTC
From: Bill Maddock
Topic: 4978 Message: 4980

Yes, the 50 mil version had the good chips - they changed around 20 mil!

73,

Bill N4ZI

nz7c <nz7c@...> wrote:
I am looking at a a TS-850S with a serial number in the 50 million
range. Is there a source where I can fin out if the range came with
the 66312 chips instead of the 6631? Thank you.

Talk is cheap. Use Yahoo! Messenger to make PC-to-Phone calls. Great rates starting at 1¢/min.

[Non-text portions of this message have been removed]

4981. Re: [TS-850_450_690] Re: Done side by side TS-850S and Ten Tec Omni VI+?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-07-14 22:59:03 UTC
From: nz7c@cox.net
Topic: 4977 Message: 4981

Hi Gary -
Thanks very much for the response. I operate 100% cw......but I will often listen to SSB - just prefer to transmit in cw only. THanks again.
73/Tim NZ7C

---- w7tea <w7tea@...> wrote:

==========
I have both rigs and would be happy to share comparisons off line. I have only used the VI+ for CW. I've used my 850S/AT for SSB, CW and some PSK-31. Both have InRad filters. Let me know your operating interests and I'll give you my 2 cents worth if I've any experience with
the rigs in those areas.

73, Gary W7TEA

--- In TS-850_450_690@yahoogroups.com, "nz7c" <nz7c@...> wrote:
>
> If anyone has run these 2 rigs side by side I would like to hear your
> observations. I am looking at the TS-850S - previously I've been
> hooked on Ten TEcs. Thanks in advance.
>

4982. RE: [TS-850_450_690] Done side by side TS-850S and Ten Tec Omni VI+?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-07-14 21:09:29 UTC
From: Steve Gehring
Topic: 4977 Message: 4982

<<< No Message Collected >>>

4983. Re: TS-850S serial numbers which came with 66312 chip

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-07-15 04:25:13 UTC
From: max_ve3tmt
Topic: 4978 Message: 4983

--- In TS-850_450_690@yahoogroups.com, Bill Maddock <n4zi96@...> wrote:
>
> Yes, the 50 mil version had the good chips - they changed around 20 mil!

Mine is in the 20 mil range and has the original DDS IC's.

Max VE3TMT

4984. 450 low receive

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-07-15 05:33:47 UTC
From: Tom Osborne
Topic: 4984 Message: 4984

Hi all

My TS-450SAT has developed a problem where the receive is way down. I have 2 of them and with one, a signal will be S-9+ and on the other it's about S5 or less. Most signals are not even moving the S-meter. Transmit seems OK. I wiggled the coax jack, thinking it may have come loose on the inside, but didn't seem to make any difference. It is like the attenuator is switched on, but it isn't. When I switch the anttenuator on, it goes down even more. Where should I start to look? Thanks and 73
Tom W7WHY

4985. Re: [TS-850_450_690] 450 low receive

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-07-15 12:38:55 UTC
From: Ron Pierce
Topic: 4984 Message: 4985

I would try to inject a signal after the relay board. perhaps right into the tuner at first.
Contacts in those little yellow relays can go bad. Or just inject a signal right into the first receive rf amp. On the IF board if memory serves. If you need any help I can look ti up for you.
Ron
NI0L

Tom Osborne <w7why@...> wrote:
Hi all

My TS-450SAT has developed a problem where the receive is way down. I have
2 of them and with one, a signal will be S-9+ and on the other it's about S5
or less. Most signals are not even moving the S-meter. Transmit seems OK.
I wiggled the coax jack, thinking it may have come loose on the inside, but
didn't seem to make any difference. It is like the attenuator is switched
on, but it isn't. When I switch the anttenuator on, it goes down even more.
Where should I start to look? Thanks and 73
Tom W7WHY

Do you Yahoo!?
Next-gen email? Have it all with the all-new Yahoo! Mail Beta.

[Non-text portions of this message have been removed]

4986. Re: [TS-850_450_690] TS-850S serial numbers which came with 66312 chip

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-07-15 06:24:25 UTC
From: nz7c@cox.net
Topic: 4978 Message: 4986

That's good news. Thanks Bill!
73/Tim NZ7C

---- Bill Maddock <n4zi96@yahoo.com> wrote:

==========
Yes, the 50 mil version had the good chips - they changed around 20 mil!

73,

Bill N4ZI

nz7c <nz7c@...> wrote:
I am looking at a a TS-850S with a serial number in the 50 million
range. Is there a source where I can fin out if the range came with
the 66312 chips instead of the 6631? Thank you.

Talk is cheap. Use Yahoo! Messenger to make PC-to-Phone calls. Great rates starting at 1¢/min.

[Non-text portions of this message have been removed]

4987. RE: [TS-850_450_690] TS-850S serial numbers which came with 66312 chip

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-07-15 14:04:22 UTC
From: Allan
Topic: 4978 Message: 4987

Hi all,

I see my serial number, it is around 20 mil ...

So what is the difference about the chip for 20 million and the chip for 50 million ?
Is there any other difference concerning 850sat (serial 20 million) and 850sat (serial 50 million)

Many thanks

Regards

Allan

-----Message d'origine-----
De : TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
De la part de nz7c@...
Envoyé : samedi 15 juillet 2006 08:24
À : TS-850_450_690@yahoogroups.com
Cc : Bill Maddock
Objet : Re: [TS-850_450_690] TS-850S serial numbers which came with 66312 chip

That's good news. Thanks Bill!
73/Tim NZ7C

---- Bill Maddock <n4zi96@...> wrote:

==========
Yes, the 50 mil version had the good chips - they changed around 20 mil!

73,

Bill N4ZI

nz7c <nz7c@...> wrote:
I am looking at a a TS-850S with a serial number in the 50 million range. Is there a source where I can fin out if the range came with the 66312 chips instead of the 6631? Thank you.

Talk is cheap. Use Yahoo! Messenger to make PC-to-Phone calls. Great rates starting at 1¢/min.

[Non-text portions of this message have been removed]

---------- Yahoo! Groups Sponsor ----------~-->
Great things are happening at Yahoo! Groups. See the new email design.
http://us.click.yahoo.com/TISQkA/hOaOAA/yQLSAA/ELTolB/TM
---~->

THANKS FOR USING TS-850_450_690@... Yahoo! Groups Links

_____
Yahoo! Mail réinvente le mail ! Découvrez le nouveau Yahoo! Mail et son interface
révolutionnaire.
http://fr.mail.yahoo.com

4988. Re: [TS-850_450_690] 450 low receive

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-07-15 15:46:50 UTC
From: Ron Pierce
Topic: 4984 Message: 4988

Tom:
I was wrong. The input to the receive RF amplifiers is on the RF unit. You really need a service manual for this kind of work.
And Oh BTW there are lots of things in there that could cause you problem.
If you need a service manual I can send you one (BIG) in a pdf.
Ron
Tom Osborne <w7why@...> wrote:
Hi all

My TS-450SAT has developed a problem where the receive is way down. I have
2 of them and with one, a signal will be S-9+ and on the other it's about S5
or less. Most signals are not even moving the S-meter. Transmit seems OK.
I wiggled the coax jack, thinking it may have come loose on the inside, but
didn't seem to make any difference. It is like the attenuator is switched
on, but it isn't. When I switch the anttenuator on, it goes down even more.
Where should I start to look? Thanks and 73
Tom W7WHY

Talk is cheap. Use Yahoo! Messenger to make PC-to-Phone calls. Great rates starting at 1¢/min.

[Non-text portions of this message have been removed]

4989. Re: [TS-850_450_690] 450 low receive

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-07-15 16:12:15 UTC
From: Tom Osborne
Topic: 4984 Message: 4989

Hi Ron.

I have the service manual here, but haven't had a chance to dig into it yet.
73
Tom W7WHY

Tom:
I was wrong. The input to the receive RF amplifiers is on the RF unit. You really need a service manual for this kind of work.
And Oh BTW there are lots of things in there that could cause you problem.
If you need a service manual I can send you one (BIG) in a pdf.
Ron

4990. RE: [TS-850_450_690] TS-850S serial numbers which came with 66312 chip

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-07-15 22:44:06 UTC
From: Bill Maddock
Topic: 4978 Message: 4990

Allan,

There was a problem with some of the DDS chips on the CAR board in the
first few years of production - 1990 and 1991 or 10 mil and 20 mil serial numbers
the later 850's came with the 66312 chips already installed see this link!

http://n6tr.jzap.com/850repair.html

I have 2 850's a 40 mil and a 50 mil - both came with the new chips installed.
If you are not having problems I wouldn't worry about it - possible that you may
have the new ones or yours are doing ok as is!

73,

Bill N4ZI

Allan <f14at259@...> wrote:

Hi all,

I see my serial number, it is around 20 mil ...

So what is the difference about the chip for 20 million and the chip for 50
million ?
Is there any other difference concerning 850sat (serial 20 million) and
850sat (serial 50 million)

Many thanks

Regards

Allan

-----Message d'origine-----
De : TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
De la part de nz7c@...
Envoyé : samedi 15 juillet 2006 08:24
À : TS-850_450_690@yahoogroups.com
Cc : Bill Maddock
Objet : Re: [TS-850_450_690] TS-850S serial numbers which came with 66312
chip

That's good news. Thanks Bill!
73/Tim NZ7C

---- Bill Maddock <n4zi96@...> wrote:

==========
Yes, the 50 mil version had the good chips - they changed around 20 mil!

73,

Bill N4ZI

nz7c <nz7c@...> wrote:
I am looking at a a TS-850S with a serial number in the 50 million
range. Is there a source where I can fin out if the range came with the
66312 chips instead of the 6631? Thank you.

Talk is cheap. Use Yahoo! Messenger to make PC-to-Phone calls. Great rates
starting at 1¢/min.

[Non-text portions of this message have been removed]

---------- Yahoo! Groups Sponsor ----------~-->
Great things are happening at Yahoo! Groups. See the new email design.
http://us.click.yahoo.com/TISQkA/hOaOAA/yQLSAA/ELTolB/TM
----------~->

THANKS FOR USING TS-850_450_690@... Yahoo! Groups Links

_____
Yahoo! Mail réinvente le mail ! Découvrez le nouveau Yahoo! Mail et son interface
révolutionnaire.
http://fr.mail.yahoo.com

Do you Yahoo!?
Next-gen email? Have it all with the all-new Yahoo! Mail Beta.

[Non-text portions of this message have been removed]

4991. Removing IC's with Chipquik...

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-07-16 20:06:49 UTC
From: nf7r
Topic: 4978 Message: 4991

--- In TS-850_450_690@yahoogroups.com, Bill Maddock <n4zi96@...>
wrote:
>
> Allan,
>
> There was a problem with some of the DDS chips on the CAR
board in the
"" text deleted to save room ""

All,
Wanted to advise that Chipquik works as advertised for easy
removal of surface mount devices! I used some where I used to work
in a soldering certification class...but this is the first time I've
used it "for real", and I am impressed. (no, I don't own stock)...
I have a TS-450S ser 30million and change...has the old DDS
chips (YM6631)...and had a transmit failure exactly as described
elswhere...ordered the
replacement chips from East Coast Parts. I am still in the process
of pulling the old chips...I ran out of Chipquik getting the first
IC off the board, as I was just using the "sample pack". I need to
buy some more before I tackle the second IC.
I did want to get the word out on how good the Chipquik works, in
case anybody else is tackling this kind of repair.
Proper thanks to Dave, K7NG, for his help on this project.
73,
Don
NF7R
Logandale, NV

4992. Re: TS-850S serial numbers which came with 66312 chip

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-07-17 02:03:25 UTC
From: w7tea
Topic: 4978 Message: 4992

I'm the original owner of a TS 850s/AT purchased in June 91. The serial number is in the 20 mil series. I've never had a problem with it. Opened it up today and confirmed that it had the 6631 chips. C1 doesn't show signs of leaking yet either. Maybe not all early rigs are plagued with issues--I'm hoping. Bill K0ZL changed out the battery last year (and some other upgrades to DC-DC, NB and sidetone) and no leakage there yet either.

Gary W7TEA

--- In TS-850_450_690@yahoogroups.com, Bill Maddock <n4zi96@...> wrote:
>
> Allan,
>
> There was a problem with some of the DDS chips on the CAR board in the
> first few years of production - 1990 and 1991 or 10 mil and 20 mil serial numbers
> the later 850's came with the 66312 chips already installed see this link!
>

4993. Re: TS-850S serial numbers which came with 66312 chip

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-07-17 02:52:49 UTC
From: max_ve3tmt
Topic: 4978 Message: 4993

--- In TS-850_450_690@yahoogroups.com, "w7tea" <w7tea@...> wrote:
>
> I'm the original owner of a TS 850s/AT purchased in June 91. The serial number is in the 20
> mil series. I've never had a problem with it. Opened it up today and confirmed that it had
> the 6631 chips. C1 doesn't show signs of leaking yet either. Maybe not all early rigs are
> plagued with issues--I'm hoping. Bill K0ZL changed out the battery last year (and some
> other upgrades to DC-DC, NB and sidetone) and no leakage there yet either.
>
> Gary W7TEA

Mine is also in the 20 mil series and C1 was leaking. It also has the older style DDS chips. While doing all the mods for another hams 850, I cheecked it for leaking. Also in the 20 mil series but it showed no signs of leaking. I replaced C1 just in case.

Max VE3TMT

4994. Re: TS-850S serial numbers which came with 66312 chip

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-07-18 01:05:55 UTC
From: w7tea
Topic: 4978 Message: 4994

Max, that sounds like the smart thing to do. Did you replace C1 only or other caps on that board as well?

tnx, Gary W7TEA

> Mine is also in the 20 mil series and C1 was leaking. It also has the
> older style DDS chips. While doing all the mods for another hams 850,
> I cheecked it for leaking. Also in the 20 mil series but it showed no
> signs of leaking. I replaced C1 just in case.
>
> Max VE3TMT
>

4995. Re: TS-850S serial numbers which came with 66312 chip

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-07-18 02:36:42 UTC
From: max_ve3tmt
Topic: 4978 Message: 4995

--- In TS-850_450_690@yahoogroups.com, "w7tea" <w7tea@...> wrote:
>
> Max, that sounds like the smart thing to do. Did you replace C1
only or other caps on that
> board as well?
>
> tnx, Gary W7TEA

As C1 is more prone to leakage I only replaced it. However it would be nice to find an entire DDS board with the new chips on it! On my particular board the leaky cap has eaten away the trace under it and right through the board to the other side. It is well worth checking your rig for leakage.

Max

4996. TS480-SAT Output Power Drops

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-07-19 03:17:06 UTC
From: w4jz
Topic: 4996 Message: 4996

I posted this on the 480 group, but never got a response. I was wondering if some here might have a 480 & have seen this problem. It seems to only happen when rig is first turned on.

I have a TS-480SAT that when transmitting on FM or RTTY will drop full power out after about 5 minutes transmission when rig is first turned on. I checked menu 22, Time-out timer, & I have it set for 10 minutes. After rig has warmed up this problems seems to go away. This started last Saturday. Sunday it worked fine up until tonight. Power supply is an Astron 37 amp & 13.4 volts is being supplied to rig while transmitting. Fan comes on & I do not receive a TEMP-HI message on rig. This also happens while transmitting into a dummy load. Output drops to about 3 watts out. Any suggestions on this or what to do?

I also sent this to Kenwood. My warranty runs out the 20th of this month. Also where is best Kenwood warranty service center? Or is there a good Kenwood service center?

Thanks,
Reed W4JZ

4997. Re: TS480-SAT Output Power Drops

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-07-19 13:10:17 UTC
From: max_ve3tmt
Topic: 4996 Message: 4997

--- In TS-850_450_690@yahoogroups.com, "w4jz" <w4jz@...> wrote:

Also where is best Kenwood warranty service center? Or is
> there a good Kenwood service center?
>
> Thanks,
> Reed W4JZ
>

Reed,

Try East Coast Transistor

www.kenwoodparts.com

Good luck,

Max VE3TMT

4998. Re: [TS-850_450_690] TS480-SAT Output Power Drops

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-07-19 13:07:36 UTC
From: VE3WEJ Gmail
Topic: 4996 Message: 4998

voltage seems a bit low, but is it 13.4 when in receive??or is it dropping that far??
does the vola\tage reading stay constant, even after the radio starts working

Just trying to eliminate it as a ps problem

Dave Garber
ve3wej/ve3ie
----- Original Message -----
From: w4jz
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, July 18, 2006 11:17 PM
Subject: [TS-850_450_690] TS480-SAT Output Power Drops

I posted this on the 480 group, but never got a response. I was
wondering if some here might have a 480 & have seen this problem. It
seems to only happen when rig is first turned on.

I have a TS-480SAT that when transmitting on FM or RTTY will drop full
power out after about 5 minutes transmission when rig is first turned
on. I checked menu 22, Time-out timer, & I have it set for 10 minutes.
After rig has warmed up this problems seems to go away. This started
last Saturday. Sunday it worked fine up until tonight. Power supply
is an Astron 37 amp & 13.4 volts is being supplied to rig while
transmitting. Fan comes on & I do not receive a TEMP-HI message on
rig. This also happens while transmitting into a dummy load. Output
drops to about 3 watts out. Any suggestions on this or what to do?

I also sent this to Kenwood. My warranty runs out the 20th of this
month. Also where is best Kenwood warranty service center? Or is
there a good Kenwood service center?

Thanks,
Reed W4JZ

[Non-text portions of this message have been removed]

4999. Re: TS480-SAT Output Power Drops

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-07-19 23:30:47 UTC
From: w4jz
Topic: 4996 Message: 4999

--- In TS-850_450_690@yahoogroups.com, "VE3WEJ Gmail" <ve3wej@...> wrote:
>
> voltage seems a bit low, but is it 13.4 when in receive??or is it dropping that far??
> does the vola\tage reading stay constant, even after the radio starts working
>
>

Thanks Dave for the reply. Voltage on recieve is 13.8 & drops to 13.4 on transmit & remains constant. I know this rig has a lot of protection on it & I believe one of these might be causing it to cut off. Why I don't know. Today it never did cut off. I even left it keyed down into dummy load for over 10 minutes at 100 watts out. Power never dropped.

I'm waiting to see what Kenwood says, but believe if I send it in they want be able to find it unless it fails all the time.

Thanks,
Reed W4JZ

5000. TS-850S And AL-811H

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-07-19 23:28:13 UTC
From: Mark Saunders
Topic: 5000 Message: 5000

This is for you list members who also have an AL-811H HF amp.

I finally found an AL-811H amp for my TS-850s. How do I tell if the 10 meter mod has been done on this amp without hooking it up? I'm in the process of making ready my shack for the new piece of equipmnet. Here is what I still need to do.

Run another 20A 110VAC line to the shack.

Make Ts-850S to AL-811H cables.

Revisit the station ground.

Get high-quality high-power low pass filter.

Test the amp.

Oh boy, this is going to be fun. This is my first HF amp.

Mark Saunders, KJ7BS
Glendale, AZ

5001. TS-480SAT

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-07-19 23:51:52 UTC
From: w4jz
Topic: 5001 Message: 5001

Thanks Max I'll call them if I can get it to fail permanently. Afraid I'll just be wasting shipping charges at this point.

Reed

5003. Seriell number for TS-850S

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-07-20 07:53:56 UTC
From: Samir Popaja
Topic: 5003 Message: 5003

How I know which year is particularly KENWOOD TS-850S made?

Is some models better then others (ts-850s), is something specially
should I be aware when buying used TS-850S?

Thank You
Samir, SM7VZX

5004. Re: Seriell number for TS-850S

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-07-20 12:54:28 UTC
From: max_ve3tmt
Topic: 5003 Message: 5004

--- In TS-850_450_690@yahoogroups.com, "Samir Popaja"
<samir.popaja@...> wrote:
>
> How I know which year is particularly KENWOOD TS-850S made?
>
> Is some models better then others (ts-850s), is something specially
> should I be aware when buying used TS-850S?
>
> Thank You
> Samir, SM7VZX

Subtract 2 from the first number in the serial number and that is the
year of manufacture.

I believe the 30 mil series came with the new DDS chips.

Max VE3TMT

5005. D31 MI204 part source

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-07-23 18:34:44 UTC
From: Mike
Topic: 5005 Message: 5005

Can anyone tell me where I can find some MI204 diodes D31 in the 850.
I have tried Allied, Digikey, Mouser and others with no luck.
Thanks

5006. Re: D31 MI204 part source

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-07-23 19:39:07 UTC
From: max_ve3tmt
Topic: 5005 Message: 5006

--- In TS-850_450_690@yahoogroups.com, "Mike" <aero4rf@...> wrote:
>
> Can anyone tell me where I can find some MI204 diodes D31 in the 850.
> I have tried Allied, Digikey, Mouser and others with no luck.
> Thanks

Mike

try East Coast Transistor www.kenwoodparts.com

MI204 DIODE TS-670 TS-850S $2.71

73,

Max

5007. Re: [TS-850_450_690] D31 MI204 part source

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-07-23 20:30:32 UTC
From: jeryb77
Topic: 5005 Message: 5007

Still available from Kenwood parts

http://www.kenwoodparts.com

MI204 DIODE TS-670 TS-850S $2.71

----- Original Message -----
From: "Mike" <aero4rf@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Sunday, July 23, 2006 2:34 PM
Subject: [TS-850_450_690] D31 MI204 part source

> Can anyone tell me where I can find some MI204 diodes D31 in the 850.
> I have tried Allied, Digikey, Mouser and others with no luck.
> Thanks
>
>
>
>
>
>
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>
> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
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>

5008. Re: [TS-850_450_690] D31 MI204 part source

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-07-23 22:02:47 UTC
From: VE3WEJ Gmail
Topic: 5005 Message: 5008

Also available at rfparts.com as well I beleive

Dave Garber
ve3wej/ve3ie
----- Original Message -----
From: Mike
To: TS-850_450_690@yahoogroups.com
Sent: Sunday, July 23, 2006 2:34 PM
Subject: [TS-850_450_690] D31 MI204 part source

Can anyone tell me where I can find some MI204 diodes D31 in the 850.
I have tried Allied, Digikey, Mouser and others with no luck.
Thanks

[Non-text portions of this message have been removed]

5009. Re: D31 MI204 part source

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-07-28 04:40:03 UTC
From: Richard
Topic: 5005 Message: 5009

--- In TS-850_450_690@yahoogroups.com, "VE3WEJ Gmail" <ve3wej@...> wrote:
>
> Also available at rfparts.com as well I beleive
>
>
> Dave Garber
> ve3wej/ve3ie
> ----- Original Message -----
> From: Mike
> To: TS-850_450_690@yahoogroups.com
> Sent: Sunday, July 23, 2006 2:34 PM
> Subject: [TS-850_450_690] D31 MI204 part source
>
>
> Can anyone tell me where I can find some MI204 diodes D31 in the 850.
> I have tried Allied, Digikey, Mouser and others with no luck.
> Thanks
>
> You might try PartStore they have alot TS-850 Parts.
Mostly circuit boards and parts.

http:\\www.partstore.com\

73's Rick

>
>
>
> [Non-text portions of this message have been removed]
>

5010. Low-Pass Filter For My AL-811H

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-08-01 04:56:55 UTC
From: KJ7BS
Topic: 5010 Message: 5010

I need a good low-pass filter for use with my AL-811H. I am open to any and all suggestions.

Mark Saunders, KJ7BS
Glendale, AZ

5011. Re: [TS-850_450_690] Low-Pass Filter For My AL-811H

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-08-01 14:19:44 UTC
From: n7ioh
Topic: 5010 Message: 5011

Hi Mark, here is a link to a question about using a
lowpass filter on an amp that was in an eham forum.
Hope it helps.

http://www.eham.net/forums/Amplifiers/3205

Al, n7ioh

--- KJ7BS <kj7bs@...> wrote:

> I need a good low-pass filter for use with my
> AL-811H. I am open to any and
> all suggestions.
>
> Mark Saunders, KJ7BS
> Glendale, AZ
> ?
>
>
>
>

5012. Re: [TS-850_450_690] Low-Pass Filter For My AL-811H

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-08-01 15:04:33 UTC
From: n7ioh
Topic: 5010 Message: 5012

Hi Mark, as far as good low pass filters the Bencher YA-1 seems to be one of the best made with very good specs. I had to go and dig mine out so I could be sure I gave you the correct info.

Al, n7ioh

--- KJ7BS <kj7bs@...> wrote:

> I need a good low-pass filter for use with my
> AL-811H. I am open to any and
> all suggestions.
>
> Mark Saunders, KJ7BS
> Glendale, AZ
> ?
>
>
>
>

5013. Re: [TS-850_450_690] Low-Pass Filter For My AL-811H

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-08-01 15:38:30 UTC
From: Mark Saunders, KJ7BS
Topic: 5010 Message: 5013

Al,

I have the Bencher low-pass filter you reference. I got it when I had my Kenwood TS-520S ten years ago. I'll have to dig it out of my inventory. My current rig, TS-850S, caused interference on 40m only through my satellite receiver.

I've mounted my antenna, R-7000 vertical, as far away from my and neghbor's houses as possible, at the rear of my large residential lot. I still obliterate the television. I've got a high-pass filter on the satallite receiver.

Mark Saunders, KJ7BS
Glendale, AZ

---- n7ioh <aslt368-ham@...> wrote:

==========
Hi Mark, here is a link to a question about using a
lowpass filter on an amp that was in an eham forum.
Hope it helps.

http://www.eham.net/forums/Amplifiers/3205

Al, n7ioh

--- KJ7BS <kj7bs@...> wrote:

> I need a good low-pass filter for use with my
> AL-811H. I am open to any and
> all suggestions.
>
> Mark Saunders, KJ7BS
> Glendale, AZ
> ï¿½
>
>
>
>

5014. Re: [TS-850_450_690] Low-Pass Filter For My AL-811H

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-08-01 15:38:19 UTC
From: Mark Saunders, KJ7BS
Topic: 5010 Message: 5014

Al,

I have the Bencher low-pass filter you reference. I got it when I had my Kenwood TS-520S ten years ago. I'll have to dig it out of my inventory. My current rig, TS-850S, caused interference on 40m only through my satellite receiver.

I've mounted my antenna, R-7000 vertical, as far away from my and neghbor's houses as possible, at the rear of my large residential lot. I still obliterate the television. I've got a high-pass filter on the satallite receiver.

Mark Saunders, KJ7BS
Glendale, AZ

---- n7ioh <aslt368-ham@...> wrote:

==========
Hi Mark, here is a link to a question about using a
lowpass filter on an amp that was in an eham forum.
Hope it helps.

http://www.eham.net/forums/Amplifiers/3205

Al, n7ioh

--- KJ7BS <kj7bs@...> wrote:

> I need a good low-pass filter for use with my
> AL-811H. I am open to any and
> all suggestions.
>
> Mark Saunders, KJ7BS
> Glendale, AZ
> ï¿½
>
>
>
>

5015. Re: [TS-850_450_690] Low-Pass Filter For My AL-811H

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-08-01 16:00:37 UTC
From: n7ioh
Topic: 5010 Message: 5015

Hi Mark, I just did a quick search in the eham RFI forum with the search word "Satellite". Here is a link to the search results.
http://www.eham.net/forums/search
I think it would be better for you to go through them and see what best fits your situation. If you don't find anything there you can go to the RFI forum and see if someone there can come up with a good solution to your problem. I have had very good results just searching through the eham forums for information. Many times when I am bored I will just start reading the headings in the forum lists like Amplifiers or Emergency communications etc. I am always amassed at the information I can pick up from the forums. Good luck on solving the problem.

Al, n7ioh

--- "Mark Saunders, KJ7BS" <kj7bs@...> wrote:

> Al,
>
> I have the Bencher low-pass filter you reference. I
> got it when I had my Kenwood TS-520S ten years ago.
> I'll have to dig it out of my inventory. My current
> rig, TS-850S, caused interference on 40m only
> through my satellite receiver.
>
> I've mounted my antenna, R-7000 vertical, as far
> away from my and neghbor's houses as possible, at
> the rear of my large residential lot. I still
> obliterate the television. I've got a high-pass
> filter on the satallite receiver.
>
> Mark Saunders, KJ7BS
> Glendale, AZ
>
> ---- n7ioh <aslt368-ham@...> wrote:
>
> =============
> Hi Mark, here is a link to a question about using a
> lowpass filter on an amp that was in an eham forum.
> Hope it helps.
>
> http://www.eham.net/forums/Amplifiers/3205
>

> Al, n7ioh
>
> --- KJ7BS <kj7bs@...> wrote:
>
> > I need a good low-pass filter for use with my
> > AL-811H. I am open to any and
> > all suggestions.
> >
> > Mark Saunders, KJ7BS
> > Glendale, AZ
> > ?
> >
> >
> >
> >
>
>
>

5016. Noise on receive from the 20 Mhz oscillator

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-08-02 00:24:58 UTC
From: max_ve3tmt
Topic: 5016 Message: 5016

I get a constant carrier about S-3 on 20.000 Mhz. My first guess is the 20 Mhz oscillator is leaking. Anything in particular to look for to verify this?

Max VE3TMT

5017. Re: Noise on receive from the 20 Mhz oscillator

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-08-02 03:09:58 UTC
From: Clif
Topic: 5016 Message: 5017

--- In TS-850_450_690@yahoogroups.com, "max_ve3tmt" <max_ve3tmt@...>
wrote:
>
> I get a constant carrier about S-3 on 20.000 Mhz. My first guess is
> the 20 Mhz oscillator is leaking. Anything in particular to look for
> to verify this?
>
> Max VE3TMT
>

What radio

Clif

5018. Re: Noise on receive from the 20 Mhz oscillator

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-08-02 10:18:15 UTC
From: max_ve3tmt
Topic: 5016 Message: 5018

--- In TS-850_450_690@yahoogroups.com, "Clif" <clif@...> wrote:

> What radio

Sorry Clif, it is the 850.

Max

5019. Service Info TS-850S

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-08-04 13:08:47 UTC
From: Gordon
Topic: 5019 Message: 5019

Has anyone been able to duplicate the colour pages on this Service Manual. I understand that it is no longer available from the publisher. The one I had borrowed became "unavailable" before I attempted to do any scanning or such duplication. I have an excellent manual from an online vendor but of course the colour pages are in black and white. I have my 850 running normally and am finding the past messages and links very useful. Keep up the good work folks, 73 Gordon.

5020. Re: [TS-850_450_690] Service Info TS-850S

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-08-04 20:28:14 UTC
From: VE3WEJ Gmail
Topic: 5019 Message: 5020

I have the pages here up to page 215???? but not in color....if it helps

Dave Garber
ve3wej/ve3ie
----- Original Message -----
From: Gordon
To: TS-850_450_690@yahoogroups.com
Sent: Friday, August 04, 2006 9:08 AM
Subject: [TS-850_450_690] Service Info TS-850S

Has anyone been able to duplicate the colour pages on this Service Manual. I understand that it is no longer available from the publisher. The one I had borrowed became "unavailable" before I attempted to do any scanning or such duplication. I have an excellent manual from an online vendor but of course the colour pages are in black and white. I have my 850 running normally and am finding the past messages and links very useful. Keep up the good work folks, 73 Gordon.

[Non-text portions of this message have been removed]

5021. Re: Service Info TS-850S

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-08-04 21:31:56 UTC
From: w7tea
Topic: 5019 Message: 5021

Gordon, I scanned many pages in color last month for another list member. If you wish, I can
forward them to you as well if you've a broadband connection and will forward your email address. Think they are over 1mb each.

73, Gary W7TEA

--- In TS-850_450_690@yahoogroups.com, "Gordon" <ve5uj@...> wrote:
>
> Has anyone been able to duplicate the colour pages on this Service
> Manual. I understand that it is no longer available from the
> publisher. The one I had borrowed became "unavailable" before I
> attempted to do any scanning or such duplication. I have an excellent
> manual from an online vendor but of course the colour pages are in
> black and white. I have my 850 running normally and am finding the
> past messages and links very useful. Keep up the good work folks, 73
> Gordon.
>

5022. Re: Service Info TS-850S

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-08-06 19:06:18 UTC
From: Gordon
Topic: 5019 Message: 5022

--
Thanks Gary, Ill take up your
offer. Thanks to Dave as well. Looks as if my plea was answered. Hope
I can do the same for a member some day, 73 Gordon.- In
TS-850_450_690@yahoogroups.com, "w7tea" <w7tea@...> wrote:
>
> Gordon, I scanned many pages in color last month for another list
member. If you wish, I can
> forward them to you as well if you've a broadband connection and
will forward your email
> address. Think they are over 1mb each.
>
> 73, Gary W7TEA
>
> --- In TS-850_450_690@yahoogroups.com, "Gordon" <ve5uj@> wrote:
> >
> > Has anyone been able to duplicate the colour pages on this Service
> > Manual. I understand that it is no longer available from the
> > publisher. The one I had borrowed became "unavailable" before I
> > attempted to do any scanning or such duplication. I have an excellent
> > manual from an online vendor but of course the colour pages are in
> > black and white. I have my 850 running normally and am finding the
> > past messages and links very useful. Keep up the good work folks, 73
> > Gordon.
> >
>

5023. TS-850 D31 MI204

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-08-15 01:04:22 UTC
From: k0frp
Topic: 5023 Message: 5023

New on the list so if answered before sorry !!
I have a bad D31, 20 db plus attn
Is the MI204 OK or is the recommended replaement SANYO LFB01 worth
the chang and some say to add another in series. I can find MI204's
but can't find LFB01's anywhere. I don't want this thing going out again.

Al K0FRP

5024. Re: TS-850 D31 MI204

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-08-17 01:27:43 UTC
From: Clif
Topic: 5023 Message: 5024

--- In TS-850_450_690@yahoogroups.com, "k0frp" <k0frp@...> wrote:
>
> New on the list so if answered before sorry !!
> I have a bad D31, 20 db plus attn
> Is the MI204 OK or is the recommended replaement SANYO LFB01 worth
> the chang and some say to add another in series. I can find MI204's
> but can't find LFB01's anywhere. I don't want this thing going out
again.
>
> Al K0FRP
>

I don't know where you are looking but D31 on the RF unit is an RLS135
and the recommended replacement is a MI204. It doesn't have anything
to do with the attenuator but if it shorts it kills the RX.

Clif

5025. colour pages of the Manual service TS 850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-08-18 08:19:03 UTC
From: Robin Delauney
Topic: 5025 Message: 5025

A ham send to me all the color page of the TS 850 servive manual
Now I can help this groups and send it back to someone else

Please send me a email to va2nrj@... if you want it

Lèche-vitrine ou lèche-écran ? Yahoo! Magasinage.

[Non-text portions of this message have been removed]

5026. Re: [TS-850_450_690] colour pages of the Manual service TS 850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-08-18 19:49:10 UTC
From: VE3WEJ Gmail
Topic: 5025 Message: 5026

why not zip it and post on the user group.....we can grab as we have time to
that way you send it in one upload , and not to 500 users??????

Thanks

Dave Garber
ve3wej/ve3ie
----- Original Message -----
From: Robin Delauney
To: TS-850_450_690@yahoogroups.com
Sent: Friday, August 18, 2006 4:19 AM
Subject: [TS-850_450_690] colour pages of the Manual service TS 850

A ham send to me all the color page of the TS 850 servive manual
Now I can help this groups and send it back to someone else

Please send me a email to va2nrj@... if you want it

Lèche-vitrine ou lèche-écran ? Yahoo! Magasinage.

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

5027. Re: colour pages of the Manual service TS 850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-08-19 01:24:35 UTC
From: w7tea
Topic: 5025 Message: 5027

Looks like the Files section is only 20mb to begin with and is 90% filled with files already.

Gary W7TEA

--- In TS-850_450_690@yahoogroups.com, "VE3WEJ Gmail" <ve3wej@...> wrote:
>
> why not zip it and post on the user group.....we can grab as we have time to
> that way you send it in one upload , and not to 500 users??????

5028. Re: [TS-850_450_690] Re: colour pages of the Manual service TS 850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-08-19 13:50:02 UTC
From: VE3WEJ Gmail
Topic: 5025 Message: 5028

how large is the file, I do have webspace I can loan for a short time.

Dave Garber
ve3wej/ve3ie
----- Original Message -----
From: w7tea
To: TS-850_450_690@yahoogroups.com
Sent: Friday, August 18, 2006 9:24 PM
Subject: [TS-850_450_690] Re: colour pages of the Manual service TS 850

Looks like the Files section is only 20mb to begin with and is 90% filled with files already.

Gary W7TEA

--- In TS-850_450_690@yahoogroups.com, "VE3WEJ Gmail" <ve3wej@...> wrote:
>
> why not zip it and post on the user group.....we can grab as we have time to
> that way you send it in one upload , and not to 500 users??????

[Non-text portions of this message have been removed]

5029. SV: [TS-850_450_690] Re: colour pages of the Manual service TS 850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-08-19 12:16:38 UTC
From: Sven Arne Astrup
Topic: 5025 Message: 5029

The file is 40Mb I was told!

73 de Sven LA6KJ

-----Opprinnelig melding-----
Fra: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
På vegne av VE3WEJ Gmail
Sendt: 19. august 2006 15:50
Til: TS-850_450_690@yahoogroups.com
Emne: Re: [TS-850_450_690] Re: colour pages of the Manual service TS 850

how large is the file, I do have webspace I can loan for a short time.

Dave Garber
ve3wej/ve3ie
----- Original Message -----
From: w7tea
To: HYPERLINK
"mailto:TS-850_450_690%40yahoogroups.com"TS-850_450_690@-yahoogroups.-com
Sent: Friday, August 18, 2006 9:24 PM
Subject: [TS-850_450_-690] Re: colour pages of the Manual service TS 850

Looks like the Files section is only 20mb to begin with and is 90% filled
with files already.

Gary W7TEA

--- In HYPERLINK
"mailto:TS-850_450_690%40yahoogroups.com"TS-850_450_690@-yahoogroups.-com,
"VE3WEJ Gmail" <ve3wej@...> wrote:
>
> why not zip it and post on the user group.....we can grab as we have time
to
> that way you send it in one upload , and not to 500 users??????

[Non-text portions of this message have been removed]

--
No virus found in this incoming message.
Checked by AVG Free Edition.
Version: 7.1.405 / Virus Database: 268.11.3/423 - Release Date: 18.08.2006

--
No virus found in this outgoing message.
Checked by AVG Free Edition.
Version: 7.1.405 / Virus Database: 268.11.3/423 - Release Date: 18.08.2006

[Non-text portions of this message have been removed]

5030. Re: [TS-850_450_690] Re: colour pages of the Manual service TS 850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-08-19 15:39:07 UTC
From: VE3WEJ Gmail
Topic: 5025 Message: 5030

WOW..no room here. is that in pdf, or separate images, can it be zipped with HIGH compression. is it online somewhere now, I could see if I can make it smaller.

I had a pdf (large) for upload to mods.dk, and he redid it and dropped it to 3 meg original was 26 meg
Dave Garber
ve3wej/ve3ie
----- Original Message -----
From: Sven Arne Astrup
To: TS-850_450_690@yahoogroups.com
Sent: Saturday, August 19, 2006 8:16 AM
Subject: SV: [TS-850_450_690] Re: colour pages of the Manual service TS 850

The file is 40Mb I was told!

73 de Sven LA6KJ

-----Opprinnelig melding-----
Fra: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
På vegne av VE3WEJ Gmail
Sendt: 19. august 2006 15:50
Til: TS-850_450_690@yahoogroups.com
Emne: Re: [TS-850_450_690] Re: colour pages of the Manual service TS 850

how large is the file, I do have webspace I can loan for a short time.

Dave Garber
ve3wej/ve3ie
----- Original Message -----
From: w7tea
To: HYPERLINK
"mailto:TS-850_450_690%40yahoogroups.com"TS-850_450_690@-yahoogroups.-com
Sent: Friday, August 18, 2006 9:24 PM
Subject: [TS-850_450_-690] Re: colour pages of the Manual service TS 850

Looks like the Files section is only 20mb to begin with and is 90% filled
with files already.

Gary W7TEA

--- In HYPERLINK
"mailto:TS-850_450_690%40yahoogroups.com"TS-850_450_690@-yahoogroups.-com,
"VE3WEJ Gmail" <ve3wej@...> wrote:
>
> why not zip it and post on the user group.....we can grab as we have time
to
> that way you send it in one upload , and not to 500 users??????

[Non-text portions of this message have been removed]

--
No virus found in this incoming message.
Checked by AVG Free Edition.
Version: 7.1.405 / Virus Database: 268.11.3/423 - Release Date: 18.08.2006

--
No virus found in this outgoing message.
Checked by AVG Free Edition.
Version: 7.1.405 / Virus Database: 268.11.3/423 - Release Date: 18.08.2006

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

5031. SV: [TS-850_450_690] Re: colour pages of the Manual service TS 850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-08-19 15:53:06 UTC
From: w7tea
Topic: 5025 Message: 5031

There are 35 pages scanned. Some pages overlap because the pages fold out in the manual--like a Playboy centerfold :)

The total file size on my Mac is 30.9 MB. It only compresses to 28.5 MB as a .zip file. Would
be happy to upload it or send a CD to someone with adquate space on their web site if they were to host it for wider distribution.

Gary - W7TEA

--- In TS-850_450_690@yahoogroups.com, "Sven Arne Astrup" <la6kj@...> wrote:
>
> The file is 40Mb I was told!
>
>
>

5032. Re: colour pages of the Manual service TS 850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-08-19 17:30:30 UTC
From: w7tea
Topic: 5025 Message: 5032

The only compression utility I have here is an "archive" option built into OS X. It produces
a .zip file but doesn't compress it very much. Again 35 individual files averaging 1 MB each.
If anyone has the right software, I'd be happy to share.

Gary W7TEA

--- In TS-850_450_690@yahoogroups.com, "VE3WEJ Gmail" <ve3wej@...> wrote:
>
> WOW..no room here. is that in pdf, or separate images, can it be zipped with HIGH compression. is it online somewhere now, I could see if I can make it smaller.

5033. Re: colour pages of the Manual service TS 850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-08-19 17:30:15 UTC
From: n5kzw
Topic: 5025 Message: 5033

There is a Yahoo group - HAMFTP that supports a large FTP site for ham manuals.

Regards,
Ed

--- In TS-850_450_690@yahoogroups.com, Robin Delauney <va2nrj@...> wrote:
>
> A ham send to me all the color page of the TS 850 servive manual
> Now I can help this groups and send it back to someone else
>
> Please send me a email to va2nrj@... if you want it
>
>
> ---------------------------------
> Lèche-vitrine ou lèche-écran ? Yahoo! Magasinage.
>
>
> [Non-text portions of this message have been removed]
>

5034. RE: colour pages of the Manual service TS 850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-08-19 19:11:27 UTC
From: Randy Brothers
Topic: 5025 Message: 5034

You might consider joining the hamftp Yahoo group and uploading it through
the designated ftp site.

73 Randy K9OR

1a. colour pages of the Manual service TS 850
Posted by: "Robin Delauney" va2nrj@... va2nrj
Date: Fri Aug 18, 2006 10:20 am (PDT)

A ham send to me all the color page of the TS 850 servive manual
Now I can help this groups and send it back to someone else

Please send me a email to va2nrj@... if you want it

5035. Where To Send for Warranty Work?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-08-20 04:46:21 UTC
From: w4jz
Topic: 5035 Message: 5035

Which has the best Kenwood warranty work? East or West coast? I
believe in the past I heard East coast was not that good, but might be
mistaken.

Thanks,
Reed W4JZ

5036. 850S VFO Torque Adj...

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-08-20 06:22:33 UTC
From: Steve Gehring
Topic: 5036 Message: 5036

All:

Is there a TS-850S VFO torque adjustment? If so, where is it, underneath
the bottom panel?

Thanks de NL7W

--
No virus found in this outgoing message.
Checked by AVG Free Edition.
Version: 7.1.405 / Virus Database: 268.11.3/423 - Release Date: 8/18/2006

5037. Re: 850S VFO Torque Adj...

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-08-20 14:20:31 UTC
From: w7tea
Topic: 5036 Message: 5037

Steve, if by torque you mean the drag or stiffness of the knob while you turn it, you hold the inner ring and turn the main knob. You can feel the indents as you adjust.

Gary W7TEA

--- In TS-850_450_690@yahoogroups.com, "Steve Gehring" <steveg@...> wrote:
>
> All:
>
> Is there a TS-850S VFO torque adjustment? If so, where is it, underneath
> the bottom panel?
>
> Thanks de NL7W
>
>
> --
> No virus found in this outgoing message.
> Checked by AVG Free Edition.
> Version: 7.1.405 / Virus Database: 268.11.3/423 - Release Date: 8/18/2006
>

5038. TS 850 FOR SALE

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-08-20 16:56:46 UTC
From: Tim McGraw
Topic: 5038 Message: 5038

Mint TS-850S with Kenwood side band filter installed
serial number 70100123 no issues with this rig use it as
my back up radio. wife says it has to go!!
800.00 plus shipping
contact me at w8btm@...
tnx

5039. Re: [TS-850_450_690] TS 850 FOR SALE

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-08-20 18:08:40 UTC
From: Bob Snelgrove
Topic: 5038 Message: 5039

Wife= Faith Hill?

:)

----- Original Message -----
From: Tim McGraw
To: TS-850_450_690@yahoogroups.com
Sent: Sunday, August 20, 2006 9:56 AM
Subject: [TS-850_450_690] TS 850 FOR SALE

. wife says it has to go!!

THANKS FOR USING TS-850_450_690@...
Yahoo! Groups Links

[Non-text portions of this message have been removed]

5040. Re: [TS-850_450_690] 850S VFO Torque Adj...

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-08-20 21:53:52 UTC
From: Zack Widup
Topic: 5036 Message: 5040

Other than the ring that is part of the tuning knob? I've always held the front part of the knob tight while rotating the back ring to chenge the torque.

73, Zack W9SZ

On Sat, 19 Aug 2006, Steve Gehring wrote:

> All:
>
> Is there a TS-850S VFO torque adjustment? If so, where is it, underneath
> the bottom panel?
>
> Thanks de NL7W
>
>
>

5041. RE: [TS-850_450_690] Re: 850S VFO Torque Adj...

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-08-20 21:14:22 UTC
From: Steve Gehring
Topic: 5036 Message: 5041

Well, that□s just too easy! THANKS!

Steve
-----Original Message-----
From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of w7tea
Sent: Sunday, August 20, 2006 6:21 AM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] Re: 850S VFO Torque Adj...

Steve, if by torque you mean the drag or stiffness of the knob while you
turn it, you hold
the inner ring and turn the main knob. You can feel the indents as you
adjust.

Gary W7TEA

--- In TS-850_450_690@yahoogroups.com, "Steve Gehring" <steveg@...> wrote:
>
> All:
>
> Is there a TS-850S VFO torque adjustment? If so, where is it, underneath
> the bottom panel?
>
> Thanks de NL7W
>
>
> --
> No virus found in this outgoing message.
> Checked by AVG Free Edition.
> Version: 7.1.405 / Virus Database: 268.11.3/423 - Release Date: 8/18/2006
>

--
No virus found in this outgoing message.
Checked by AVG Free Edition.
Version: 7.1.405 / Virus Database: 268.11.3/423 - Release Date: 8/18/2006

5042. Color pages grom service manual zipped

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-08-21 05:29:16 UTC
From: ah6rr1
Topic: 5042 Message: 5042

I have the color pages zipped to 31,675k how do I post it to the files?
Let me know.

Roland AH6RR

5043. TS-850S Service Manual color pages

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-08-22 05:48:54 UTC
From: w7tea
Topic: 5043 Message: 5043

OK, let's try this. Using your browser go to idisk.mac.com/gtuck-Public

I've uploaded the files to my public folder on .Mac. Never done this before so hope it works
for everyone. Click on the down arrow symbol on the far right side and pages should download. Tried it on my XP laptop and it worked fine. If it works for folks, I'll leave it up for
a week before deleting the folder from the .Mac server.

I don't know that these are all the color pages. They are just the ones that another ham requested and I scanned.

Gary W7TEA

5044. Re: TS-850S Service Manual color pages

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-08-22 14:49:31 UTC
From: taephono
Topic: 5043 Message: 5044

I loaded this page using a couple different browers and all I see is
the UP pointing upload arrow, but no Down arrow symbol.
So cannot download this file.

Clint
WS1V

--- In TS-850_450_690@yahoogroups.com, "w7tea" <w7tea@...> wrote:
>
> OK, let's try this. Using your browser go to
idisk.mac.com/gtuck-Public
>
> I've uploaded the files to my public folder on .Mac. Never done
this before so hope it works
> for everyone. Click on the down arrow symbol on the far right side
and pages should
> download. Tried it on my XP laptop and it worked fine. If it works
for folks, I'll leave it up for
> a week before deleting the folder from the .Mac server.
>
> I don't know that these are all the color pages. They are just the
ones that another ham
> requested and I scanned.
>
> Gary W7TEA
>

5045. Re: [TS-850_450_690] Re: TS-850S Service Manual color pages

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-08-22 15:01:02 UTC
From: Zack Widup
Topic: 5043 Message: 5045

When I look at it with Netscape 7.2, I see "gtuck's public folder" with a line below it saying "TS-850 manual" with a little arrow to the left. Clicking on the arrow loads a whole page of document titles with a "down" arrow to the right of each. I click on the right arrows and it asks me if I'd like to download that document. I downloaded all of them.

Thank you very much, Gary! These pages, in color no less, have always been hard to come by as PDF files.

73, Zack W9SZ

On Tue, 22 Aug 2006, taephono wrote:

> I loaded this page using a couple different browers and all I see is
> the UP pointing upload arrow, but no Down arrow symbol.
> So cannot download this file.
>
> Clint
> WS1V
>
>
> --- In TS-850_450_690@yahoogroups.com, "w7tea" <w7tea@...> wrote:
> >
> > OK, let's try this. Using your browser go to
> idisk.mac.com/gtuck-Public
> >
> > I've uploaded the files to my public folder on .Mac. Never done
> this before so hope it works
> > for everyone. Click on the down arrow symbol on the far right side
> and pages should
> > download. Tried it on my XP laptop and it worked fine. If it works
> for folks, I'll leave it up for
> > a week before deleting the folder from the .Mac server.
> >
> > I don't know that these are all the color pages. They are just the
> ones that another ham
> > requested and I scanned.
> >
> > Gary W7TEA
> >
>
>
>
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>

5046. Re: [TS-850_450_690] Re: TS-850S Service Manual color pages

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-08-22 15:51:22 UTC
From: Bob Snelgrove
Topic: 5043 Message: 5046

No luck here. XP and IE.

bob
----- Original Message -----
From: Zack Widup
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, August 22, 2006 8:01 AM
Subject: Re: [TS-850_450_690] Re: TS-850S Service Manual color pages

When I look at it with Netscape 7.2, I see "gtuck's public folder" with a line below it saying "TS-850 manual" with a little arrow to the left. Clicking on the arrow loads a whole page of document titles with a "down" arrow to the right of each. I click on the right arrows and it asks me if I'd like to download that document. I downloaded all of them.

Thank you very much, Gary! These pages, in color no less, have always been hard to come by as PDF files.

73, Zack W9SZ

On Tue, 22 Aug 2006, taephono wrote:

> I loaded this page using a couple different browers and all I see is
> the UP pointing upload arrow, but no Down arrow symbol.
> So cannot download this file.
>
> Clint
> WS1V
>
>
> --- In TS-850_450_690@yahoogroups.com, "w7tea" <w7tea@...> wrote:
> >
> > OK, let's try this. Using your browser go to
> idisk.mac.com/gtuck-Public
> >
> > I've uploaded the files to my public folder on .Mac. Never done
> this before so hope it works
> > for everyone. Click on the down arrow symbol on the far right side
> and pages should
> > download. Tried it on my XP laptop and it worked fine. If it works
> for folks, I'll leave it up for
> > a week before deleting the folder from the .Mac server.
> >
> > I don't know that these are all the color pages. They are just the
> ones that another ham
> > requested and I scanned.

> >
> > Gary W7TEA
> >
>
>
>
>
>

THANKS FOR USING TS-850_450_690@...
Yahoo! Groups Links

[Non-text portions of this message have been removed]

5047. RE: [TS-850_450_690] Re: TS-850S Service Manual color pages

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-08-22 16:01:28 UTC
From: Harry
Topic: 5043 Message: 5047

I used XP and IE 6.0, no problem here.

I only couldn't scroll down but with changing the sortorder I could download
all files.

Thanks!

73, Harry - PE1OXP

Van: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
Namens Bob Snelgrove
Verzonden: dinsdag 22 augustus 2006 17:51
Aan: TS-850_450_690@yahoogroups.com
Onderwerp: Re: [TS-850_450_690] Re: TS-850S Service Manual color pages

No luck here. XP and IE.

bob
----- Original Message -----
From: Zack Widup
To: TS-850_450_690@ <mailto:TS-850_450_690%40yahoogroups.com>
yahoogroups.com
Sent: Tuesday, August 22, 2006 8:01 AM
Subject: Re: [TS-850_450_690] Re: TS-850S Service Manual color pages

When I look at it with Netscape 7.2, I see "gtuck's public folder" with a
line below it saying "TS-850 manual" with a little arrow to the left.
Clicking on the arrow loads a whole page of document titles with a "down"
arrow to the right of each. I click on the right arrows and it asks me if
I'd like to download that document. I downloaded all of them.

Thank you very much, Gary! These pages, in color no less, have always
been hard to come by as PDF files.

73, Zack W9SZ

On Tue, 22 Aug 2006, taephono wrote:

> I loaded this page using a couple different browers and all I see is
> the UP pointing upload arrow, but no Down arrow symbol.
> So cannot download this file.
>
> Clint
> WS1V
>
>

> --- In TS-850_450_690@ <mailto:TS-850_450_690%40yahoogroups.com>
yahoogroups.com, "w7tea" <w7tea@...> wrote:
> >
> > OK, let's try this. Using your browser go to
> idisk.mac.com/gtuck-Public
> >
> > I've uploaded the files to my public folder on .Mac. Never done
> this before so hope it works
> > for everyone. Click on the down arrow symbol on the far right side
> and pages should
> > download. Tried it on my XP laptop and it worked fine. If it works
> for folks, I'll leave it up for
> > a week before deleting the folder from the .Mac server.
> >
> > I don't know that these are all the color pages. They are just the
> ones that another ham
> > requested and I scanned.
> >
> > Gary W7TEA
> >
>
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>

THANKS FOR USING TS-850_450_690@ <mailto:TS-850_450_690%40YAHOOGROUPS.COM>
YAHOOGROUPS.COM
Yahoo! Groups Links

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

5048. Re: TS-850S Service Manual color pages

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-08-22 16:05:52 UTC
From: Richard Ferch
Topic: 5043 Message: 5048

It worked for me - Win XP and IE 6. At first I only saw one line
with a right pointing arrow to the left of it. When I clicked on the
arrow, it changed to a down arrow and the 19 file names appeared
with a download button to the right of each one. The downloads went
fine. Thanks, Gary.

73
Rich VE3IAY

--- In TS-850_450_690@yahoogroups.com, "Bob Snelgrove" <bob@...>
wrote:
>
> No luck here. XP and IE.
>
>
> bob
> ----- Original Message -----
> From: Zack Widup
> To: TS-850_450_690@yahoogroups.com
> Sent: Tuesday, August 22, 2006 8:01 AM
> Subject: Re: [TS-850_450_690] Re: TS-850S Service Manual color
pages
>
>
>
> When I look at it with Netscape 7.2, I see "gtuck's public
folder" with a
> line below it saying "TS-850 manual" with a little arrow to the
left.
> Clicking on the arrow loads a whole page of document titles with
a "down"
> arrow to the right of each. I click on the right arrows and it
asks me if
> I'd like to download that document. I downloaded all of them.
>
> Thank you very much, Gary! These pages, in color no less, have
always
> been hard to come by as PDF files.
>
> 73, Zack W9SZ
>
> On Tue, 22 Aug 2006, taephono wrote:
>
> > I loaded this page using a couple different browers and all I
see is

> > the UP pointing upload arrow, but no Down arrow symbol.
> > So cannot download this file.
> >
> > Clint
> > WS1V
> >
> >
> > --- In TS-850_450_690@yahoogroups.com, "w7tea" <w7tea@> wrote:
> > >
> > > OK, let's try this. Using your browser go to
> > idisk.mac.com/gtuck-Public
> > >
> > > I've uploaded the files to my public folder on .Mac. Never
done
> > this before so hope it works
> > > for everyone. Click on the down arrow symbol on the far
right side
> > and pages should
> > > download. Tried it on my XP laptop and it worked fine. If
it works
> > for folks, I'll leave it up for
> > > a week before deleting the folder from the .Mac server.
> > >
> > > I don't know that these are all the color pages. They are
just the
> > ones that another ham
> > > requested and I scanned.
> > >
> > > Gary W7TEA
> > >
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>
> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
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> [Non-text portions of this message have been removed]
>

5049. Re: [TS-850_450_690] Re: TS-850S Service Manual color pages

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-08-22 16:22:53 UTC
From: Zack Widup
Topic: 5043 Message: 5049

Hmm ... dunno what to say. I just tried it with IE 6.0 and I get the same thing. The "TS-850 manual" with an arrow pointing to the file on the far left followed by a little "folder" icon to the right of it. I click on the ">" arrow and it then shows the whole page of files. Each has a "down" arrow on the far right. Clicking on each "down" arrow downloads that file.

I'm using XP Pro with IE 6.0, Netscape 7.2 and Enigma Browser and they all seem to work.

73, Zack W9SZ

On Tue, 22 Aug 2006, Bob Snelgrove wrote:

> No luck here. XP and IE.
>
>
> bob
> ----- Original Message -----
> From: Zack Widup
> To: TS-850_450_690@yahoogroups.com
> Sent: Tuesday, August 22, 2006 8:01 AM
> Subject: Re: [TS-850_450_690] Re: TS-850S Service Manual color pages
>
>
>
> When I look at it with Netscape 7.2, I see "gtuck's public folder" with a
> line below it saying "TS-850 manual" with a little arrow to the left.
> Clicking on the arrow loads a whole page of document titles with a "down"
> arrow to the right of each. I click on the right arrows and it asks me if
> I'd like to download that document. I downloaded all of them.
>
> Thank you very much, Gary! These pages, in color no less, have always
> been hard to come by as PDF files.
>
> 73, Zack W9SZ
>
> On Tue, 22 Aug 2006, taephono wrote:
>
> > I loaded this page using a couple different browers and all I see is
> > the UP pointing upload arrow, but no Down arrow symbol.
> > So cannot download this file.
> >
> > Clint
> > WS1V
> >

> >
> > --- In TS-850_450_690@yahoogroups.com, "w7tea" <w7tea@...> wrote:
> > >
> > > OK, let's try this. Using your browser go to
> > idisk.mac.com/gtuck-Public
> > >
> > > I've uploaded the files to my public folder on .Mac. Never done
> > this before so hope it works
> > > for everyone. Click on the down arrow symbol on the far right side
> > and pages should
> > > download. Tried it on my XP laptop and it worked fine. If it works
> > for folks, I'll leave it up for
> > > a week before deleting the folder from the .Mac server.
> > >
> > > I don't know that these are all the color pages. They are just the
> > ones that another ham
> > > requested and I scanned.
> > >
> > > Gary W7TEA
> > >
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>
> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
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> [Non-text portions of this message have been removed]
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>

5050. Re: TS-850S Service Manual color pages

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-08-23 00:19:13 UTC
From: taephono
Topic: 5043 Message: 5050

OK... tried again ... this time I just kept on clicking in the right empty column, then finally the folders all opened up, and I was able to download each file. Maybe if someone else is accessing the files you can't acces them until their done downloading.

73
Clint

--- In TS-850_450_690@yahoogroups.com, Zack Widup <w9sz@...> wrote:
>
>
> Hmm ... dunno what to say. I just tried it with IE 6.0 and I get the same
> thing. The "TS-850 manual" with an arrow pointing to the file on the far
> left followed by a little "folder" icon to the right of it. I click on
> the ">" arrow and it then shows the whole page of files. Each has a
> "down" arrow on the far right. Clicking on each "down" arrow downloads
> that file.
>
> I'm using XP Pro with IE 6.0, Netscape 7.2 and Enigma Browser and they all
> seem to work.
>
> 73, Zack W9SZ
>
> On Tue, 22 Aug 2006, Bob Snelgrove wrote:
>
> > No luck here. XP and IE.
> >
> >
> > bob
> > ----- Original Message -----
> > From: Zack Widup
> > To: TS-850_450_690@yahoogroups.com
> > Sent: Tuesday, August 22, 2006 8:01 AM
> > Subject: Re: [TS-850_450_690] Re: TS-850S Service Manual color pages
> >
> >
> >
> > When I look at it with Netscape 7.2, I see "gtuck's public

folder" with a
> > line below it saying "TS-850 manual" with a little arrow to the
left.
> > Clicking on the arrow loads a whole page of document titles
with a "down"
> > arrow to the right of each. I click on the right arrows and it
asks me if
> > I'd like to download that document. I downloaded all of them.
> >
> > Thank you very much, Gary! These pages, in color no less, have
always
> > been hard to come by as PDF files.
> >
> > 73, Zack W9SZ
> >
> > On Tue, 22 Aug 2006, taephono wrote:
> >
> > > I loaded this page using a couple different browers and all I
see is
> > > the UP pointing upload arrow, but no Down arrow symbol.
> > > So cannot download this file.
> > >
> > > Clint
> > > WS1V
> > >
> > >
> > > --- In TS-850_450_690@yahoogroups.com, "w7tea" <w7tea@> wrote:
> > > >
> > > > OK, let's try this. Using your browser go to
> > > idisk.mac.com/gtuck-Public
> > > >
> > > > I've uploaded the files to my public folder on .Mac. Never
done
> > > this before so hope it works
> > > > for everyone. Click on the down arrow symbol on the far
right side
> > > and pages should
> > > > download. Tried it on my XP laptop and it worked fine. If
it works
> > > for folks, I'll leave it up for
> > > > a week before deleting the folder from the .Mac server.
> > > >
> > > > I don't know that these are all the color pages. They are
just the
> > > ones that another ham
> > > > requested and I scanned.
> > > >
> > > > Gary W7TEA
> > > >
> > >

> > >
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> >
> > THANKS FOR USING TS-850_450_690@...
> > Yahoo! Groups Links
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> >
> > [Non-text portions of this message have been removed]
> >
> >
>

5051. Re: TS-850S Service Manual color pages

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-08-23 09:34:15 UTC
From: g8sfu
Topic: 5043 Message: 5051

Hi all, I just downloaded them all no problem. Using win 2k and firefox. many thanks Zack

regards Dave

5052. ACC-2 Menu Options?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-08-23 12:27:49 UTC
From: Frank
Topic: 5052 Message: 5052

Greetings all,

Is there possibly one of the menu options that controls the level
of the ACC-2 rear din audio input? When a friend of mine uses it,
he get all kinds of distortion, even in the mic output.
He says:
"I know a lot of people use the din to get their transmit audio from
the TNC's transmitted. I tried to run the audio from one of my old
RASCAL's into it and also tried to feed the audio from my TNC into
it for running AFSK. As soon as I have the device set up on mine,
the distortion is there."

Any help for my pal appreciated. TNX
73,
Frank/WD8NIK

[Non-text portions of this message have been removed]

5053. RE: [TS-850_450_690] Re: TS-850S Service Manual color pages

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-08-23 10:46:05 UTC
From: SM7YGZ
Topic: 5043 Message: 5053

Using XP SP 2 and FF 1.5.0.6.no problems

/SM7YGZ

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of g8sfu
Sent: den 23 augusti 2006 11:34
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] Re: TS-850S Service Manual color pages

Hi all, I just downloaded them all no problem. Using win 2k and
firefox. many thanks Zack

regards Dave

Jag anvander en gratisversion av SPAMfighter for privata anvandare.
5886 spam har blivit blockerade hittills.
Betalande anvandare har inte detta meddelande i sin e-post.
Hamta gratis SPAMfighter <http://www.spamfighter.com/go.asp?t=258> idag!

[Non-text portions of this message have been removed]

5054. Re: TS-850S Service Manual color pages

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-08-23 00:49:29 UTC
From: w7tea
Topic: 5043 Message: 5054

Glad it seems to be working out. I first tried to upload one zip file of all the pages but it
seemed to choke so put them up individually instead. Still may try the single file but don't
want to interupt anyone's download.

I'm about ready to put my 850/AT on the market. Hate to but have to lighten the load,
and buy my daughter a new computer. Being an artist, musician and Mac devotee, it won't
be a $500 Dell-- :) If anyone is looking for one, send me an email.

Gary w7tea
w7tea@...

--- In TS-850_450_690@yahoogroups.com, Zack Widup <w9sz@...> wrote:
>
>
> When I look at it with Netscape 7.2, I see "gtuck's public folder" with a
> line below it saying "TS-850 manual" with a little arrow to the left.
> Clicking on the arrow loads a whole page of document titles with a "down"
> arrow to the right of each. I click on the right arrows and it asks me if
> I'd like to download that document. I downloaded all of them.
>
> Thank you very much, Gary! These pages, in color no less, have always
> been hard to come by as PDF files.
>
> 73, Zack W9SZ

5055. Re: ACC-2 Menu Options?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-08-23 14:15:19 UTC
From: Richard Ferch
Topic: 5052 Message: 5055

If the input level is high enough to cause distortion, cutting the level down after the point where the distortion is introduced will do no good. You need to reduce the level before that point. In the case of the Rascal, that means first reducing the sound card output level (if it's at max, the distortion may be introduced inside the sound card), and if that is not enough, also adjusting the Rascal's level control to attenuate the signal some more before it gets to the radio.

One other suggestion would be not to try to connect two audio inputs in parallel. Try connecting only one at a time to see if that solves the problem.

73,
Rich VE3IAY

--- In TS-850_450_690@yahoogroups.com, "Frank" <aar5ng@...> wrote:
>
> Greetings all,
>
> Is there possibly one of the menu options that controls the level
> of the ACC-2 rear din audio input? When a friend of mine uses it,
> he get all kinds of distortion, even in the mic output.
> He says:
> "I know a lot of people use the din to get their transmit audio
from
> the TNC's transmitted. I tried to run the audio from one of my old
> RASCAL's into it and also tried to feed the audio from my TNC into
> it for running AFSK. As soon as I have the device set up on mine,
> the distortion is there."
>
> Any help for my pal appreciated. TNX
> 73,
> Frank/WD8NIK
>
>
> [Non-text portions of this message have been removed]
>

5056. Re: ACC-2 Menu Options?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-08-23 14:48:17 UTC
From: Clif
Topic: 5052 Message: 5056

--- In TS-850_450_690@yahoogroups.com, "Frank" <aar5ng@...> wrote:
>
> Greetings all,
>
> Is there possibly one of the menu options that controls the level
> of the ACC-2 rear din audio input? When a friend of mine uses it,
> he get all kinds of distortion, even in the mic output.
> He says:
> "I know a lot of people use the din to get their transmit audio from
> the TNC's transmitted. I tried to run the audio from one of my old
> RASCAL's into it and also tried to feed the audio from my TNC into
> it for running AFSK. As soon as I have the device set up on mine,
> the distortion is there."
>
> Any help for my pal appreciated. TNX
> 73,
> Frank/WD8NIK
>
>
> [Non-text portions of this message have been removed]
>

The audio input to the ACC-2 connection has to be externally adjusted.
There is no internal adjustment. IIRC it wants about 100mv or less.
Speaker audio is way to high. Most likely the distortion is caused by
RF feedback.

Clif

5057. Re: [TS-850_450_690] Re: ACC-2 Menu Options?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-08-23 20:13:09 UTC
From: VE3WEJ Gmail
Topic: 5052 Message: 5057

control it from the sound card....I use the line in jack, not the mic jack.....

my Kam, is changable inside, by changing solder pad type jumpers...

Dave Garber
ve3wej/ve3ie
----- Original Message -----
From: Clif
To: TS-850_450_690@yahoogroups.com
Sent: Wednesday, August 23, 2006 10:48 AM
Subject: [TS-850_450_690] Re: ACC-2 Menu Options?

--- In TS-850_450_690@yahoogroups.com, "Frank" <aar5ng@...> wrote:
>
> Greetings all,
>
> Is there possibly one of the menu options that controls the level
> of the ACC-2 rear din audio input? When a friend of mine uses it,
> he get all kinds of distortion, even in the mic output.
> He says:
> "I know a lot of people use the din to get their transmit audio from
> the TNC's transmitted. I tried to run the audio from one of my old
> RASCAL's into it and also tried to feed the audio from my TNC into
> it for running AFSK. As soon as I have the device set up on mine,
> the distortion is there."
>
> Any help for my pal appreciated. TNX
> 73,
> Frank/WD8NIK
>
>
> [Non-text portions of this message have been removed]
>

The audio input to the ACC-2 connection has to be externally adjusted.
There is no internal adjustment. IIRC it wants about 100mv or less.
Speaker audio is way to high. Most likely the distortion is caused by
RF feedback.

Clif

[Non-text portions of this message have been removed]

5058. RE: [TS-850_450_690] Re: TS-850S Service Manual color pages

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-08-23 10:58:40 UTC
From: SM7YGZ
Topic: 5043 Message: 5058

Forgot, could you ZIP the PDF files ???

/SM7YGZ

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of g8sfu
Sent: den 23 augusti 2006 11:34
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] Re: TS-850S Service Manual color pages

Hi all, I just downloaded them all no problem. Using win 2k and
firefox. many thanks Zack

regards Dave

Jag anvander en gratisversion av SPAMfighter for privata anvandare.
5886 spam har blivit blockerade hittills.
Betalande anvandare har inte detta meddelande i sin e-post.
Hamta gratis SPAMfighter <http://www.spamfighter.com/go.asp?t=258> idag!

[Non-text portions of this message have been removed]

5059. Re: ACC-2 Menu Options? - TNX

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-08-24 11:12:47 UTC
From: Frank
Topic: 5059 Message: 5059

Thank you Rich and Clif for your replies to my friend's problem. I've passed them along and he continues to work at resolving the issue...now with a better understanding.
73,
Frank/WD8NIK

[Non-text portions of this message have been removed]

5060. Re: TS-850S Service Manual color pages

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-08-24 14:02:22 UTC
From: w7tea
Topic: 5043 Message: 5060

I zipped the entire folder of 35 files and it only reduced the size by about 10% so figured it
wasn't worth it. Later I'll try to post the zipped folder again so folks only have to do one
download rather than 35.

73, Gary

--- In TS-850_450_690@yahoogroups.com, "SM7YGZ" <sm7ygz@...> wrote:
>
> Forgot, could you ZIP the PDF files ???
>
>
>
> /SM7YGZ
>
>
>
> _____
>
> From: TS-850_450_690@yahoogroups.com
[mailto:TS-850_450_690@yahoogroups.com]
> On Behalf Of g8sfu
> Sent: den 23 augusti 2006 11:34
> To: TS-850_450_690@yahoogroups.com
> Subject: [TS-850_450_690] Re: TS-850S Service Manual color pages
>
>
>
> Hi all, I just downloaded them all no problem. Using win 2k and
> firefox. many thanks Zack
>
> regards Dave
>
>
>
>
> _____
>
> Jag anvander en gratisversion av SPAMfighter for privata anvandare.
> 5886 spam har blivit blockerade hittills.
> Betalande anvandare har inte detta meddelande i sin e-post.
> Hamta gratis SPAMfighter <http://www.spamfighter.com/go.asp?t=258> idag!
>
>

> [Non-text portions of this message have been removed]
>

5061. Re: [TS-850_450_690] Re: TS-850S Service Manual color pages

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-08-24 14:24:40 UTC
From: Zack Widup
Topic: 5043 Message: 5061

I like the individual files better myself. If one file gets corrupted,
you're only missing one page.

73, Zack W9SZ

On Thu, 24 Aug 2006, w7tea wrote:

> I zipped the entire folder of 35 files and it only reduced the size by about 10% so
figured it
> wasn't worth it. Later I'll try to post the zipped folder again so folks only have to do
one
> download rather than 35.
>
> 73, Gary
>
> --- In TS-850_450_690@yahoogroups.com, "SM7YGZ" <sm7ygz@...> wrote:
> >
> > Forgot, could you ZIP the PDF files ???
> >

5062. Re: TS-850S Service Manual color pages

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-08-24 21:30:49 UTC
From: ah6rr1
Topic: 5043 Message: 5062

I zipped all 35 down to 31K in a folder and there is no problem unzipping them. I tried to upload them to the files but there was not enough space at the time. If anyone needs these please email me and I will be happy to send them on.

Roland AH6RR

-- In TS-850_450_690@yahoogroups.com, Zack Widup <w9sz@...> wrote:
>
>
> I like the individual files better myself. If one file gets corrupted,
> you're only missing one page.
>
> 73, Zack W9SZ
>
> On Thu, 24 Aug 2006, w7tea wrote:
>
> > I zipped the entire folder of 35 files and it only reduced the size by about 10% so figured it
> > wasn't worth it. Later I'll try to post the zipped folder again so folks only have to do one
> > download rather than 35.
> >
> > 73, Gary
> >
> > --- In TS-850_450_690@yahoogroups.com, "SM7YGZ" <sm7ygz@> wrote:
> > >
> > > Forgot, could you ZIP the PDF files ???
> > >
>

5063. Re: [TS-850_450_690] Re: ACC-2 Menu Options? - TNX

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-08-25 10:59:20 UTC
From: Paul
Topic: 5059 Message: 5063

There is a modificatonfor acc2
check www.mods.dk,
under ts850

Frank <aar5ng@...> wrote:
Thank you Rich and Clif for your replies to my friend's problem. I've passed them along and he continues to work at resolving the issue...now with a better understanding.
73,
Frank/WD8NIK

[Non-text portions of this message have been removed]

Yahoo! Messenger with Voice. Make PC-to-Phone Calls to the US (and 30+ countries) for 2¢/min or less.

[Non-text portions of this message have been removed]

5064. TS-850S Service Manual color pages : You want it ...I have it

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-08-26 10:33:55 UTC
From: Robin Delauney
Topic: 5043 Message: 5064

A ham send to me all the color page of the TS 850 servive manual
Now I can help this groups and send it back to someone else

Please send me a email to va2nrj@... if you want it

_____
Do You Yahoo!?
En finir avec le spam? Yahoo! Courriel vous offre la meilleure protection possible contre les messages non nollicités
http://mail.yahoo.ca Yahoo! Courriel

[Non-text portions of this message have been removed]

5065. Re: [TS-850_450_690] TS-850S Service Manual color pages : You want it ...I have it

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-08-26 15:52:37 UTC
From: Bob Snelgrove
Topic: 5043 Message: 5065

Do you have it in one zipped file?

thx

bob
----- Original Message -----
From: Robin Delauney
To: TS-850_450_690@yahoogroups.com
Sent: Saturday, August 26, 2006 3:33 AM
Subject: [TS-850_450_690] TS-850S Service Manual color pages : You want it ...I have it

A ham send to me all the color page of the TS 850 servive manual
Now I can help this groups and send it back to someone else

Please send me a email to va2nrj@amsat.org if you want it

_____
Do You Yahoo!?
En finir avec le spam? Yahoo! Courriel vous offre la meilleure protection possible contre les messages non nollicités
http://mail.yahoo.ca Yahoo! Courriel

[Non-text portions of this message have been removed]

THANKS FOR USING TS-850_450_690@...
Yahoo! Groups Links

[Non-text portions of this message have been removed]

5066. TS-850 Intermittent Audio "Problems"

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-08-31 16:32:42 UTC
From: Ron
Topic: 5066 Message: 5066

I have TS-850SAT powered with PS-52. I am having intermittent audio "problems". Loud buzzing, almost like feedback, gives me impression interference is being induced from close source. At first symptoms seemed to happen after radio warmed up, but last couple of nights, frequency and duration of the interference was intermittent. During the day, radio operates fine with no problems whatsoever.

I just moved out to the country and power quality is less than desireable. Have turned off everything in house in hopes of isolating the problem, but it still occurs, albeit only at night. It's probably quarter mile to nearest neighbor so skeptical that intensity of interference is caused by them however have not ruled that out. Before I approach them, was wondering if intermittent voltage drops due to poor power quality could cause this type of behavior.

Appreciate any other thoughts as well.

Thanks and 73

Ron - AG1P

5067. Re: TS-850 Intermittent Audio "Problems"

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-09-01 01:41:50 UTC
From: Ron
Topic: 5066 Message: 5067

FYI - I borrowed a computer UPS system and plugged the PS-52 into it. Problem went away. If I disconnected it from UPS and plugged direct into my surge protector, problem came back.

73

Ron

--- In TS-850_450_690@yahoogroups.com, "Ron" <bitwdlr@...> wrote:
>
> I have TS-850SAT powered with PS-52. I am having intermittent
> audio "problems". Loud buzzing, almost like feedback, gives me
> impression interference is being induced from close source. At
> first symptoms seemed to happen after radio warmed up, but last
> couple of nights, frequency and duration of the interference was
> intermittent. During the day, radio operates fine with no problems
> whatsoever.
>
> I just moved out to the country and power quality is less than
> desireable. Have turned off everything in house in hopes of
> isolating the problem, but it still occurs, albeit only at night.
> It's probably quarter mile to nearest neighbor so skeptical that
> intensity of interference is caused by them however have not ruled
> that out. Before I approach them, was wondering if intermittent
> voltage drops due to poor power quality could cause this type of
> behavior.
>
> Appreciate any other thoughts as well.
>
> Thanks and 73
>
> Ron - AG1P
>

5068. Re: [TS-850_450_690] Re: TS-850 Intermittent Audio "Problems"

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-09-01 19:08:38 UTC
From: VE3WEJ Gmail
Topic: 5066 Message: 5068

then sound like it should NOT be done through the surge ..it is probably trying to limit, because the power supply may be pulling more than its capacity, or sudden key ups are "surges" and it is trying to protect the powers supply.

Dave Garber
ve3wej/ve3ie
----- Original Message -----
From: Ron
To: TS-850_450_690@yahoogroups.com
Sent: Thursday, August 31, 2006 9:41 PM
Subject: [TS-850_450_690] Re: TS-850 Intermittent Audio "Problems"

FYI - I borrowed a computer UPS system and plugged the PS-52 into
it. Problem went away. If I disconnected it from UPS and plugged
direct into my surge protector, problem came back.

73

Ron

--- In TS-850_450_690@yahoogroups.com, "Ron" <bitwdlr@...> wrote:
>
> I have TS-850SAT powered with PS-52. I am having intermittent
> audio "problems". Loud buzzing, almost like feedback, gives me
> impression interference is being induced from close source. At
> first symptoms seemed to happen after radio warmed up, but last
> couple of nights, frequency and duration of the interference was
> intermittent. During the day, radio operates fine with no problems
> whatsoever.
>
> I just moved out to the country and power quality is less than
> desireable. Have turned off everything in house in hopes of
> isolating the problem, but it still occurs, albeit only at night.
> It's probably quarter mile to nearest neighbor so skeptical that
> intensity of interference is caused by them however have not ruled
> that out. Before I approach them, was wondering if intermittent
> voltage drops due to poor power quality could cause this type of
> behavior.
>
> Appreciate any other thoughts as well.
>
> Thanks and 73
>
> Ron - AG1P
>

[Non-text portions of this message have been removed]

5069. TS-850S/AT for sale

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-09-01 20:14:14 UTC
From: w7tea
Topic: 4334 Message: 5069

I now have four HF rigs in a small shack. Selling my 850 today and probably an Omni VI+ later. I am original owner of the 850s/AT, non smoker, purchased in June 1991. Serial number 20800237. Never have had a problem. Used for CW primarily and PSK31 of late.

Has three optional filters: 2.1 khz International Radio filter in 8.83 IF and 400 Hz CW filters
in 8.83 and 455 IFs. Bill, K0ZL, (www.amater-repairs.com) replaced the battery (no leakage),
did the NB and sidetone mods, DC-DC mod and aligned a year ago. He said if DDS chips had not failed since 91, they are not likely to do so now.

Original box, manual and service manual. Also SP-31 speaker, power cord and all the connectors I can find hi. Will throw in MC-85 and MC-50 free . Not used either mic in years.

One issue. There was a smudge on top of the front panel. I stupidly cleaned it with alcohol and rubbed the grey paint off--so now there is a black spot. Pics available on my public .mac
folder (idisk.mac.com/gtuck-Public) . Package for $700 plus shipping and insurance from 97230.

Please reply off the list to w7tea@...

73, Gary W7TEA

5070. service manual color pages

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-09-02 00:52:10 UTC
From: w7tea
Topic: 5070 Message: 5070

Has everyone who needs these scans downloaded them by now?

Planning on pulling the file the end of next week.

73, Gary W7TEA

5071. Re: TS-850 Intermittent Audio "Problems"

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-09-02 03:49:27 UTC
From: Ron
Topic: 5066 Message: 5071

To all,

I really appreciate your help with this!

This still only happens at night. Had radio on all day bouncing between 160 and 10 meters with no problems. I tried removing from surge protector and no change. Put 7 amp-hr gel cell in same position as PS-52, using same wires in same positions and problem goes away. So think I've narrowed it down to line power, not antenna. However would think the TVs and stereos would experience same problems and they do not. That being said, we have only been in the house 2 months and have replaced all the light bulbs at least once, some twice.

I drove down street a little earlier and there are some houses about half mile away that appear to be using mercury vapor lighting. Don't know enough about the lights to know if they can induce signal into power lines as well as RFI to the antenna.

While I figure out how to prove this to the power company, checked the ARRL web site for temporary solutions and they list some AC line filters. Would appreciate any recommendations as to best one(s) to buy. Or am I better off just buying larger gel cell, trickle charger and use them until I get power company to fix their problem? Am also open to any other ways to fix this.

Again, really appreaciate the group pitching in to help!!

Ron

--- In TS-850_450_690@yahoogroups.com, "VE3WEJ Gmail" <ve3wej@...> wrote:
>
> then sound like it should NOT be done through the surge ..it is probably trying to limit, because the power supply may be pulling more than its capacity, or sudden key ups are "surges" and it is trying to protect the powers supply.
>
>
> Dave Garber
> ve3wej/ve3ie
> ----- Original Message -----
> From: Ron
> To: TS-850_450_690@yahoogroups.com
> Sent: Thursday, August 31, 2006 9:41 PM
> Subject: [TS-850_450_690] Re: TS-850 Intermittent Audio "Problems"

>
>
> FYI - I borrowed a computer UPS system and plugged the PS-52
into
> it. Problem went away. If I disconnected it from UPS and plugged
> direct into my surge protector, problem came back.
>
> 73
>
> Ron
>
> --- In TS-850_450_690@yahoogroups.com, "Ron" <bitwdlr@> wrote:
> >
> > I have TS-850SAT powered with PS-52. I am having intermittent
> > audio "problems". Loud buzzing, almost like feedback, gives me
> > impression interference is being induced from close source. At
> > first symptoms seemed to happen after radio warmed up, but
last
> > couple of nights, frequency and duration of the interference
was
> > intermittent. During the day, radio operates fine with no
problems
> > whatsoever.
> >
> > I just moved out to the country and power quality is less than
> > desireable. Have turned off everything in house in hopes of
> > isolating the problem, but it still occurs, albeit only at
night.
> > It's probably quarter mile to nearest neighbor so skeptical
that
> > intensity of interference is caused by them however have not
ruled
> > that out. Before I approach them, was wondering if
intermittent
> > voltage drops due to poor power quality could cause this type
of
> > behavior.
> >
> > Appreciate any other thoughts as well.
> >
> > Thanks and 73
> >
> > Ron - AG1P
> >
>
>
>
>
>
> [Non-text portions of this message have been removed]

>

5072. Re: [TS-850_450_690] service manual color pages

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-09-02 12:32:48 UTC
From: Silva - PY8ELO
Topic: 5070 Message: 5072

Hi Gary,
I appreciate if you can send it for me.
Please, send to py9elo@zzum.com.br
Thanks in advance!
Best 73´s,
Silva.

At 01:52 02/09/06, you wrote:
>Has everyone who needs these scans downloaded them by now?
>
>Planning on pulling the file the end of next week.
>
>73, Gary W7TEA
>
>
>
>
>
>
>
>
>THANKS FOR USING TS-850_450_690@...
>Yahoo! Groups Links
>
>
>
>

****
Brazilian Ham Radio
Callsign : PY8ELO
Name : Silva
Address : PO BOX (CAIXA POSTAL) 151 Centro
CEP 68180-630
ITAITUBA - PARÁ - BRASIL - GI25AR - Time Ofset UTC-4
Amazon forest the world´s lung !
****
QRV:
7.068,00 KHz
28.490,00 KHz
50.110,00 KHz
Power: 0,05 - 100 Watts from 160 up 6 meter
Please visit : http://www.zzum.com.br/silva
and post Your DX info.
****

_____
Você quer respostas para suas perguntas? Ou você sabe muito e quer compartilhar seu conhecimento? Experimente o Yahoo! Respostas !
http://br.answers.yahoo.com/

5073. Kenwood paint

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-09-02 12:49:42 UTC
From: Allan
Topic: 5073 Message: 5073

Hi all,

Could someone tell me if it's possible to find a similar kenwood paint 's
covers ?
I have a 850 to restore and i'd like to repaint all covers.

Many thanks,

Regards

Allan

p4.vert.ukl.yahoo.com uncompressed Sat Sep 2 12:27:00 GMT 2006

_____
D?couvrez un nouveau moyen de poser toutes vos questions quelque soit le sujet !
Yahoo! Questions/R?ponses pour partager vos connaissances, vos opinions et vos
exp?riences.
http://fr.answers.yahoo.com

5074. Re: service manual color pages

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-09-02 13:46:42 UTC
From: w7tea
Topic: 5070 Message: 5074

Silva, use your browser and go to idisk.mac.com/gtuck-Public

Open the TS 850 folder and all the color pages are shown. Click on the down arrow on the right hand side of each color page file and it will download.

73, Gary

--- In TS-850_450_690@yahoogroups.com, Silva - PY8ELO <py9elo@...> wrote:
>
> Hi Gary,
> I appreciate if you can send it for me.
> Please, send to py9elo@...
> Thanks in advance!
> Best 73´s,
> Silva.
>
> At 01:52 02/09/06, you wrote:
> >Has everyone who needs these scans downloaded them by now?
> >
> >Planning on pulling the file the end of next week.
> >
> >73, Gary W7TEA
> >
> >
> >
> >
> >
> >
> >
> >
> >THANKS FOR USING TS-850_450_690@...
> >Yahoo! Groups Links
> >
> >
> >
> >
>
>
> **
> Brazilian Ham Radio
> Callsign : PY8ELO
> Name : Silva
> Address : PO BOX (CAIXA POSTAL) 151 Centro
> CEP 68180-630
> ITAITUBA - PARÁ - BRASIL - GI25AR - Time Ofset UTC-4
> Amazon forest the world´s lung !

> **
> QRV:
> 7.068,00 KHz
> 28.490,00 KHz
> 50.110,00 KHz
> Power: 0,05 - 100 Watts from 160 up 6 meter
> Please visit : http://www.zzum.com.br/silva
> and post Your DX info.
> **
>
>
>
>
>
>
> _____
> Você quer respostas para suas perguntas? Ou você sabe muito e quer compartilhar seu conhecimento? Experimente o Yahoo! Respostas !
> http://br.answers.yahoo.com/
>

5075. Re: [TS-850_450_690] Kenwood paint

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-09-02 13:13:57 UTC
From: Dennis Bombardiere
Topic: 5073 Message: 5075

Some auto paint stores can take a digital picture of the color of the rig
and match it very closely. Some can even put it in a spray can for you. 73
Dennis W8YS

----- Original Message -----
From: "Allan" <f14at259@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Saturday, September 02, 2006 8:49 AM
Subject: [TS-850_450_690] Kenwood paint

>
> Hi all,
>
> Could someone tell me if it's possible to find a similar kenwood paint 's
> covers ?
> I have a 850 to restore and i'd like to repaint all covers.
>
> Many thanks,
>
> Regards
>
> Allan
>
>
>
> p4.vert.ukl.yahoo.com uncompressed Sat Sep 2 12:27:00 GMT 2006
>
>
> _____
> D?couvrez un nouveau moyen de poser toutes vos questions quelque soit le
> sujet !
> Yahoo! Questions/R?ponses pour partager vos connaissances, vos opinions et
> vos exp?riences.
> http://fr.answers.yahoo.com
>
>
>
> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
>
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>

5076. Re: [TS-850_450_690] Re: service manual color pages

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-09-02 17:53:35 UTC
From: Silva - PY8ELO
Topic: 5070 Message: 5076

OK Gary,
thanks a lot!!!
VY 73´s,
Silva.

At 14:46 02/09/06, you wrote:
>Silva, use your browser and go to idisk.mac.com/gtuck-Public
>
>Open the TS 850 folder and all the color pages are shown. Click on the
>down arrow on the
>right hand side of each color page file and it will download.
>
>73, Gary
>
>--- In TS-850_450_690@yahoogroups.com, Silva - PY8ELO <py9elo@...> wrote:
> >
> > Hi Gary,
> > I appreciate if you can send it for me.
> > Please, send to py9elo@...
> > Thanks in advance!
> > Best 73´s,
> > Silva.
> >
> > At 01:52 02/09/06, you wrote:
> > >Has everyone who needs these scans downloaded them by now?
> > >
> > >Planning on pulling the file the end of next week.
> > >
> > >73, Gary W7TEA
> > >
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> > >
> > >THANKS FOR USING TS-850_450_690@...
> > >Yahoo! Groups Links
> > >
> > >
> > >
> > >
> >
> >

> > **********
> > Brazilian Ham Radio
> > Callsign : PY8ELO
> > Name : Silva
> > Address : PO BOX (CAIXA POSTAL) 151 Centro
> > CEP 68180-630
> > ITAITUBA - PARÁ - BRASIL - GI25AR - Time Ofset UTC-4
> > Amazon forest the world´s lung !
> > **********
> > QRV:
> > 7.068,00 KHz
> > 28.490,00 KHz
> > 50.110,00 KHz
> > Power: 0,05 - 100 Watts from 160 up 6 meter
> > Please visit : http://www.zzum.com.br/silva
> > and post Your DX info.
> > **********
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> >
> >
> > _____
> > Você quer respostas para suas perguntas? Ou você sabe muito e quer
> compartilhar seu
>conhecimento? Experimente o Yahoo! Respostas !
> > http://br.answers.yahoo.com/
> >
>
>
>
>
>
>
>THANKS FOR USING TS-850_450_690@...
>Yahoo! Groups Links
>
>
>
>

****
Brazilian Ham Radio
Callsign : PY8ELO
Name : Silva
Address : PO BOX (CAIXA POSTAL) 151 Centro
CEP 68180-630
ITAITUBA - PARÁ - BRASIL - GI25AR - Time Ofset UTC-4
Amazon forest the world´s lung !

****
QRV:
7.068,00 KHz
28.490,00 KHz
50.110,00 KHz
Power: 0,05 - 100 Watts from 160 up 6 meter
Please visit : http://www.zzum.com.br/silva
and post Your DX info.
****

Novidade no Yahoo! Mail: receba alertas de novas mensagens no seu celular. Registre seu aparelho agora!
http://br.mobile.yahoo.com/mailalertas/

5077. Re: service manual color pages

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-09-03 02:59:39 UTC
From: Dennis, Philippines low budget HAM
Topic: 5070 Message: 5077

Hi Gary,

Can you please send me a copy too of the Kenwood TS-850 SErvice Manual
here : dmcbohol at yahoo dot com

Thanks,

Dennis DV7-BKO
the Philippines

5078. Problems with display

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-09-03 16:23:39 UTC
From: George Philips
Topic: 5078 Message: 5078

Greetings to the group.

My name is George Philips, call VU2GT, location Mumbai, India. I have been licensed for 40 years now.

I own a TS 850 S AT. I have had this rig for more than 5 years but I have not been very regular on the air. Recently when I powered up the rig, I found that the display does not come on but all other functions seem normal. I do not have a service manual for the rig. I would appreciate any help from group members to set this problem right. I have the necessary tools to do repairs but am not competent to handle complex jobs.

Any tips would be greatly appreciated since we do not have any agency in this country whom I could approach for help.

Thank you,

George.

[Non-text portions of this message have been removed]

5079. Re: Problems with display

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-09-04 04:55:00 UTC
From: Clif
Topic: 5078 Message: 5079

It's not a hrd fix if you don't mind digging into it.

Covers off, top screws on front removed so front panel tilts over.

Remove the screws holding the display PCB in place and tilt it over.
Only one plug to undo.

When it's out look on the side opposite the display connector and you
will find a large electrolytic cap, It has leaked and damaged the
traces/thru-holes. Repair the damage, especially the thru-holes under
the cap and all should be fine.

Clif

Let me know if you need more detailed instructions.

--- In TS-850_450_690@yahoogroups.com, George Philips <gtcomm@...> wrote:
>
> Greetings to the group.
>
> My name is George Philips, call VU2GT, location Mumbai, India. I
have been licensed for 40 years now.
>
> I own a TS 850 S AT. I have had this rig for more than 5 years but
I have not been very regular on the air. Recently when I powered up
the rig, I found that the display does not come on but all other
functions seem normal. I do not have a service manual for the rig. I
would appreciate any help from group members to set this problem
right. I have the necessary tools to do repairs but am not competent
to handle complex jobs.
>
> Any tips would be greatly appreciated since we do not have any
agency in this country whom I could approach for help.
>
> Thank you,
>
> George.
>
>
> [Non-text portions of this message have been removed]
>

5080. Re: [TS-850_450_690] Re: Problems with display

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-09-04 17:36:59 UTC
From: George Philips
Topic: 5078 Message: 5080

Hi Clif,

Thank you for the instructions. I will dig into the rig over the weekend and will try my best to fix the problem
Will let you know how successful I have been when I have finished.

Thanks again for the tips.

73,

George, VU2GT

----- Original Message -----
From: Clif
To: TS-850_450_690@yahoogroups.com
Sent: Monday, September 04, 2006 10:25 AM
Subject: [TS-850_450_690] Re: Problems with display

It's not a hrd fix if you don't mind digging into it.

Covers off, top screws on front removed so front panel tilts over.

Remove the screws holding the display PCB in place and tilt it over.
Only one plug to undo.

When it's out look on the side opposite the display connector and you
will find a large electrolytic cap, It has leaked and damaged the
traces/thru-holes. Repair the damage, especially the thru-holes under
the cap and all should be fine.

Clif

Let me know if you need more detailed instructions.

--- In TS-850_450_690@yahoogroups.com, George Philips <gtcomm@...> wrote:
>
> Greetings to the group.
>
> My name is George Philips, call VU2GT, location Mumbai, India. I
have been licensed for 40 years now.
>
> I own a TS 850 S AT. I have had this rig for more than 5 years but
I have not been very regular on the air. Recently when I powered up
the rig, I found that the display does not come on but all other
functions seem normal. I do not have a service manual for the rig. I
would appreciate any help from group members to set this problem
right. I have the necessary tools to do repairs but am not competent
to handle complex jobs.

>
> Any tips would be greatly appreciated since we do not have any
agency in this country whom I could approach for help.
>
> Thank you,
>
> George.
>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

5081. NO RX TS-690SAT

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-09-06 14:17:58 UTC
From: Frank
Topic: 5081 Message: 5081

Good morning all. I have a TS-690SAT and for some reason there is no rx anywhere on the rig including my local am broadcast bands. I have already checked the antenna connections both inside and outside of this radio. TX appears to be fine. Anyone have this problem before or any ideas on what could have happened. Your help would be GREATLY appreciatted.

73 de Frank/KB2VYZ

5082. Re: [TS-850_450_690] NO RX TS-690SAT

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-09-06 19:13:29 UTC
From: VE3WEJ Gmail
Topic: 5081 Message: 5082

check the rf gain??????

are you talking rx signal or rx audio????
if audio, try extension speakers or headphones.

Dave Garber
ve3wej/ve3ie
----- Original Message -----
From: Frank
To: TS-850_450_690@yahoogroups.com
Sent: Wednesday, September 06, 2006 10:17 AM
Subject: [TS-850_450_690] NO RX TS-690SAT

Good morning all. I have a TS-690SAT and for some reason there is no rx anywhere on the rig including my local am broadcast bands. I have already checked the antenna connections both inside and outside of this radio. TX appears to be fine. Anyone have this problem before or any ideas on what could have happened. Your help would be GREATLY appreciatted.

73 de Frank/KB2VYZ

[Non-text portions of this message have been removed]

5083. Re: NO RX TS-690SAT

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-09-06 21:25:30 UTC
From: Frank
Topic: 5081 Message: 5083

--- In TS-850_450_690@yahoogroups.com, "VE3WEJ Gmail" <ve3wej@...>
wrote:
>
> check the rf gain??????
>
> are you talking rx signal or rx audio????
> if audio, try extension speakers or headphones.
>
>
> Dave Garber
> ve3wej/ve3ie
> ----- Original Message -----
> From: Frank
> To: TS-850_450_690@yahoogroups.com
> Sent: Wednesday, September 06, 2006 10:17 AM
> Subject: [TS-850_450_690] NO RX TS-690SAT
>
>
> Good morning all. I have a TS-690SAT and for some reason there
is no
> rx anywhere on the rig including my local am broadcast bands. I
have
> already checked the antenna connections both inside and outside
of
> this radio. TX appears to be fine. Anyone have this problem
before
> or any ideas on what could have happened. Your help would be
GREATLY
> appreciatted.
>
> 73 de Frank/KB2VYZ
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

5084. Re: NO RX TS-690SAT

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-09-06 21:27:28 UTC
From: Frank
Topic: 5081 Message: 5084

Sorry I wasn't more specific Dave, it has niether RX receive or RX audio. TX is fine all around.

Thanks and 73 de Frank/KB2VYZ

--- In TS-850_450_690@yahoogroups.com, "VE3WEJ Gmail" <ve3wej@...> wrote:
>
> check the rf gain??????
>
> are you talking rx signal or rx audio????
> if audio, try extension speakers or headphones.
>
>
> Dave Garber
> ve3wej/ve3ie
> ----- Original Message -----
> From: Frank
> To: TS-850_450_690@yahoogroups.com
> Sent: Wednesday, September 06, 2006 10:17 AM
> Subject: [TS-850_450_690] NO RX TS-690SAT
>
>
> Good morning all. I have a TS-690SAT and for some reason there is no
> rx anywhere on the rig including my local am broadcast bands. I have
> already checked the antenna connections both inside and outside of
> this radio. TX appears to be fine. Anyone have this problem before
> or any ideas on what could have happened. Your help would be GREATLY
> appreciatted.
>
> 73 de Frank/KB2VYZ
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

5085. Kenwood TS-850 Service Manual - missing page

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-09-06 22:04:34 UTC
From: Dennis, Philippines low budget HAM
Topic: 5085 Message: 5085

Kenwood TS-850 Service Manual - missing page

Sept 7, 2006

Hi Gary and the rest,

I have finally finished downloading via slow dial up all the 19 color
PDF files of the Service Manual. However I'm wondering what is the
contents of the following "missing" pages :

page 121 to 128
page 133 to 140
page 147 to 154
page 157 to the last page

I have donwloaded pages 1 to 115 from mods.dk

It would be great if someone here can provide a scanned copy of these
missing pages to complete the Service Manual.

Thanks in advance,

Dennis Ls. M. Cruz DV7-BKO
in sunny Bohol island, the Philippines

~~~~~~
retire in the Philippines comfortably; many expats have! check :

http://www.livinginthephilippines.com
LivingInThePhilippines3@yahoogroups.com
~~~~~~

5086. Re: [TS-850_450_690] NO RX TS-690SAT

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-09-07 00:38:41 UTC
From: Tom Osborne
Topic: 5081 Message: 5086

HI Frank

Is your squelch on? I had that problem here on my '450SAT, but mine was just that only real loud stations would come through. Someone mentioned the squelch, and was my face red. 73 Tom W7WHY

----- Original Message -----
From: Frank
To: TS-850_450_690@yahoogroups.com
Sent: Wednesday, September 06, 2006 7:17 AM
Subject: [TS-850_450_690] NO RX TS-690SAT

Good morning all. I have a TS-690SAT and for some reason there is no rx anywhere on the rig including my local am broadcast bands. I have already checked the antenna connections both inside and outside of this radio. TX appears to be fine. Anyone have this problem before or any ideas on what could have happened. Your help would be GREATLY appreciatted.

73 de Frank/KB2VYZ

[Non-text portions of this message have been removed]

5087. Re: NO RX TS-690SAT

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-09-07 01:11:50 UTC
From: Frank
Topic: 5081 Message: 5087

Thanks for the reply Tom, I checked every knob, button and switch today(if it moved, I moved it)and no change other than what you will see below. I remember for a while before it went, that from time to time the volume seemed to get lower and the signal would drop some so I would turn the volume up and down a few times or wiggle the knob a little it would come back to regular. The way this happened though was different. I accidentally hit the lock button on the MC-60A mic and it was on for a few minutes (about 5 or so in either in AM or FM mode on the upper part of 10 meters). What I did today was key my TS-2000 which sits on the shelf right above the 690 and although I got the normal feedback squeal from being that close I still got no signal what-so-ever, except the 2 bars seen when the AIP was on (I used different power levels). One other thing I noticed today was with AIP on I would see 1 or 2 bars on the S-meter with or without the TS-2000 keyed but with AIP off it all disappeared (with the TS-2000 keyed and AIP off I still got the feedback but no signal). I hope this extra info helps. I plan on opening it up tomorrow and look around the AF gain know and the board around it. I GREATLY APPRECIATE THE HELP.

73 de Frank/KB2VYZ

--- In TS-850_450_690@yahoogroups.com, "Tom Osborne" <w7why@...> wrote:
>
> HI Frank
>
> Is your squelch on? I had that problem here on my '450SAT, but mine was just that only real loud stations would come through. Someone mentioned the squelch, and was my face red. 73
> Tom W7WHY
>
>
> ----- Original Message -----
> From: Frank
> To: TS-850_450_690@yahoogroups.com
> Sent: Wednesday, September 06, 2006 7:17 AM
> Subject: [TS-850_450_690] NO RX TS-690SAT
>
>
> Good morning all. I have a TS-690SAT and for some reason there is no
> rx anywhere on the rig including my local am broadcast bands. I have
> already checked the antenna connections both inside and outside

of
> this radio. TX appears to be fine. Anyone have this problem
before
> or any ideas on what could have happened. Your help would be
GREATLY
> appreciatted.
>
> 73 de Frank/KB2VYZ
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

5088. TS-850 Rack Mount available?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-09-09 20:21:53 UTC
From: usbpk9agent
Topic: 5088 Message: 5088

Anyone know where I can find a prefab 19" rack mount for my 850s?

5089. How to erase cw keyer memories

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-09-09 20:42:45 UTC
From: n0rz1998
Topic: 5089 Message: 5089

I just bought a ts 850 and I have found it to be a better radio than I thought it would be. I have entered information into the cw keyer memories and would now like to clear the memory and enter new info. The operators manual explains how to write to memory but is not clear on how to erase the memory contents. I am sure I will be surprised at how easy this is.

Thanks

n0rz

5090. Re: TS-850 Rack Mount available?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-09-09 21:49:39 UTC
From: max_ve3tmt
Topic: 5088 Message: 5090

--- In TS-850_450_690@yahoogroups.com, "usbpk9agent" <narc@...> wrote:
>
> Anyone know where I can find a prefab 19" rack mount for my 850s?
>
If you check on www.qth.com, look through the advertisers index. There is a company there, the name escapes me at the moment. They make a rack to fit the 850.

Max VE3TMT

5091. Re: How to erase cw keyer memories

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-09-09 21:50:13 UTC
From: max_ve3tmt
Topic: 5089 Message: 5091

--- In TS-850_450_690@yahoogroups.com, "n0rz1998" <n0rz1998@...> wrote:
>
> I just bought a ts 850 and I have found it to be a better radio than I
> thought it would be. I have entered information into the cw keyer
> memories and would now like to clear the memory and enter new info.
> The operators manual explains how to write to memory but is not clear
> on how to erase the memory contents. I am sure I will be surprised at
> how easy this is.
>
> Thanks
>
> n0rz

Does the new memory not erase the old one??

5092. Re: [TS-850_450_690] Re: How to erase cw keyer memories

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-09-09 22:35:51 UTC
From: VE3WEJ Gmail
Topic: 5089 Message: 5092

this is what i find, if you re-record a new message, the old message should get erased
Dave Garber
ve3wej/ve3ie
----- Original Message -----
From: max_ve3tmt
To: TS-850_450_690@yahoogroups.com
Sent: Saturday, September 09, 2006 5:50 PM
Subject: [TS-850_450_690] Re: How to erase cw keyer memories

--- In TS-850_450_690@yahoogroups.com, "n0rz1998" <n0rz1998@...> wrote:
>
> I just bought a ts 850 and I have found it to be a better radio than I
> thought it would be. I have entered information into the cw keyer
> memories and would now like to clear the memory and enter new info.
> The operators manual explains how to write to memory but is not clear
> on how to erase the memory contents. I am sure I will be surprised at
> how easy this is.
>
> Thanks
>
> n0rz

Does the new memory not erase the old one??

[Non-text portions of this message have been removed]

5093. Re: NO RX TS-690SAT

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-09-09 23:06:12 UTC
From: Frank
Topic: 5081 Message: 5093

OK Gang. Does anyone have any other ideas? I checked for separated components, cold solder joints and the antenna connection is fine. I looked into my log to find out where I might have been TXing before the mic became locked and it quit (in the event that has something to do with it) 29.510/610 in Newfoundland, good thing there was no propogation that day). The only other thing that I can come up with would be that switch that allows you to switch between HF and HF/6m. It's too good of a rig to just throw up in the closet and it makes a GREAT back-up for my TS-2000.

73 de Frank/KB2VYZ

- In TS-850_450_690@yahoogroups.com, "Frank" <kb2vyz@...> wrote:
>
> Thanks for the reply Tom, I checked every knob, button and switch
> today(if it moved, I moved it)and no change other than what you
will
> see below. I remember for a while before it went, that from time
to
> time the volume seemed to get lower and the signal would drop some
> so I would turn the volume up and down a few times or wiggle the
> knob a little it would come back to regular. The way this
happened
> though was different. I accidentally hit the lock button on the
MC-
> 60A mic and it was on for a few minutes (about 5 or so in either
in
> AM or FM mode on the upper part of 10 meters). What I did today
was
> key my TS-2000 which sits on the shelf right above the 690 and
> although I got the normal feedback squeal from being that close I
> still got no signal what-so-ever, except the 2 bars seen when the
> AIP was on (I used different power levels). One other thing I
> noticed today was with AIP on I would see 1 or 2 bars on the S-
meter
> with or without the TS-2000 keyed but with AIP off it all
> disappeared (with the TS-2000 keyed and AIP off I still got the
> feedback but no signal). I hope this extra info helps. I plan on
> opening it up tomorrow and look around the AF gain know and the
> board around it. I GREATLY APPRECIATE THE HELP.
>
> 73 de Frank/KB2VYZ
>
>
> --- In TS-850_450_690@yahoogroups.com, "Tom Osborne" <w7why@>

> wrote:
> >
> > HI Frank
> >
> > Is your squelch on? I had that problem here on my '450SAT, but
> mine was just that only real loud stations would come through.
> Someone mentioned the squelch, and was my face red. 73
> > Tom W7WHY
> >
> >
> > ----- Original Message -----
> > From: Frank
> > To: TS-850_450_690@yahoogroups.com
> > Sent: Wednesday, September 06, 2006 7:17 AM
> > Subject: [TS-850_450_690] NO RX TS-690SAT
> >
> >
> > Good morning all. I have a TS-690SAT and for some reason there
> is no
> > rx anywhere on the rig including my local am broadcast bands.
I
> have
> > already checked the antenna connections both inside and
outside
> of
> > this radio. TX appears to be fine. Anyone have this problem
> before
> > or any ideas on what could have happened. Your help would be
> GREATLY
> > appreciatted.
> >
> > 73 de Frank/KB2VYZ
> >
> >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>

5094. Re: [TS-850_450_690] How to erase cw keyer memories

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-09-10 21:36:39 UTC
From: Zack Widup
Topic: 5089 Message: 5094

On Sat, 9 Sep 2006, n0rz1998 wrote:

> I just bought a ts 850 and I have found it to be a better radio than I
> thought it would be. I have entered information into the cw keyer
> memories and would now like to clear the memory and enter new info.
> The operators manual explains how to write to memory but is not clear
> on how to erase the memory contents. I am sure I will be surprised at
> how easy this is.
>
> Thanks
>
> n0rz
>

I don't think you can "erase" it per se (that is, I don't think you can blank it out). When you rewrite to it, it erases the old message.

At least that's what I do.

73, Zack W9SZ

5095. Re: NO RX TS-690SAT

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-09-11 01:44:49 UTC
From: max_ve3tmt
Topic: 5081 Message: 5095

--- In TS-850_450_690@yahoogroups.com, "Frank" <kb2vyz@...> wrote:
>
> OK Gang. Does anyone have any other ideas?

Frank,

Did you measure voltages on the TX & RX lines? In your radio you have TX8 and RX8 volts. There is a little sub-board off the IF board called the TRX board. It is responsible for switching the 8V to the TX and RX circuits depending on whether you are transmitting or receiving.Look for some test points on the IF board TX8 and RX8 or something to thsat effect. You could even measure on the TRX board itself if you know which pins are which. This is where I would start looking. It is possible the RX8 has gone dead.

Max

5096. Re: How to erase cw keyer memories

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-09-11 02:42:18 UTC
From: n0rz1998
Topic: 5089 Message: 5096

--- In TS-850_450_690@yahoogroups.com, "max_ve3tmt" <max_ve3tmt@...>
wrote:
>
> --- In TS-850_450_690@yahoogroups.com, "n0rz1998" <n0rz1998@>
wrote:
> >
> > I just bought a ts 850 and I have found it to be a better radio
than I
> > thought it would be. I have entered information into the cw
keyer
> > memories and would now like to clear the memory and enter new
info.
> > The operators manual explains how to write to memory but is not
clear
> > on how to erase the memory contents. I am sure I will be
surprised at
> > how easy this is.
> >
> > Thanks
> >
> > n0rz
>
>
> Does the new memory not erase the old one??
>
Thanks for the reply.

Yes the new info does replace the old, and I have rewritten my
info. I was thinking of a total erase, but can't say why that would
be necessary. If I discover a method of totally eraseing the memory
I will post it.

n0rz

5097. Re: NO RX TS-690SAT

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-09-11 22:29:16 UTC
From: Frank
Topic: 5081 Message: 5097

Thanks for some additional info Max, This will be a first for me. I know how to replace different things on radios, I can read schematics and even solder...hi hi but in 11 years in the hobby I have never done any voltage checks so I'll look at the schematics and try to locate what you have mentioned to me. That's what I love about this hobby, your always learning. Besides the radio isn't operating anyhow so if I blow it up I'll just finish what it did...hi hi. Actually if I dont think I can acomplish this I'll just send it to Kenwood East unless one of the members of our group is knowlegable on repairing these rigs.
Everyone have a GREAT DAY!

73 de Frank/KB2VYZ

- In TS-850_450_690@yahoogroups.com, "max_ve3tmt" <max_ve3tmt@...> wrote:
>
> --- In TS-850_450_690@yahoogroups.com, "Frank" <kb2vyz@> wrote:
> >
> > OK Gang. Does anyone have any other ideas?
>
>
> Frank,
>
> Did you measure voltages on the TX & RX lines? In your radio you have
> TX8 and RX8 volts. There is a little sub-board off the IF board called
> the TRX board. It is responsible for switching the 8V to the TX and RX
> circuits depending on whether you are transmitting or receiving.Look
> for some test points on the IF board TX8 and RX8 or something to thsat
> effect. You could even measure on the TRX board itself if you know
> which pins are which. This is where I would start looking. It is
> possible the RX8 has gone dead.
>
> Max
>

5098. Re: NO RX TS-690SAT

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-09-12 14:31:08 UTC
From: max_ve3tmt
Topic: 5081 Message: 5098

--- In TS-850_450_690@yahoogroups.com, "Frank" <kb2vyz@...> wrote:
>
> Thanks for some additional info Max, This will be a first for me. I
> know how to replace different things on radios, I can read
> schematics and even solder...hi hi but in 11 years in the hobby I
> have never done any voltage checks so I'll look at the schematics
> and try to locate what you have mentioned to me. That's what I love
> about this hobby, your always learning. Besides the radio isn't
> operating anyhow so if I blow it up I'll just finish what it
> did...hi hi. Actually if I dont think I can acomplish this I'll
> just send it to Kenwood East unless one of the members of our group
> is knowlegable on repairing these rigs.
> Everyone have a GREAT DAY!
>
> 73 de Frank/KB2VYZ

Frank,

I'll go through the service manual. The TRX board has an 8V input and switching outputs between TX8V and RX8V. It would be easiest to measure at this board. I had a similar problem with one of my 850's that wouldn't transmit. Sure enough, the TX8V was kaput. I just swapped out the TRX board, about $11 from East Coast Transistor. Fixed the rig up nicely.

Max

5099. Re: NO RX TS-690SAT

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-09-12 15:40:20 UTC
From: max_ve3tmt
Topic: 5081 Message: 5099

Frank,

The TRX board is number X59-3680-01. It is a small board mounted vertically coming up off the IF board. If you turn the rig over, with the front facing you, the RF board is on the left, the IF board is on the right. The TRX board number will be imprinted on the IF board where it is. Here are the voltages to check for:

Pin 7 should have 8V on it all the time

Pin 10 should have 8V on it in receive only (your issue??)

Pin 5 should have 8V on it only in transmit.

Pin 1 and 11 are ground.

I'm not sure which way the pins run, but if you count over from one end it should be easy to tell, find pin 7 first, the one with 8V on it all the time. It will either be 7 pins over counting pin 1 or 5 pins over counting pin 11. Hope that isn't too confusing.

Lets us know what you find.

Max

5100. Final call on Service Manual

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-09-12 19:10:22 UTC
From: w7tea
Topic: 5100 Message: 5100

Will pull the color scans off my .Mac site Thursday. Search for previous posts to see how to
access the docs.

73, Gary W7TEA

5101. RE: [TS-850_450_690] Final call on Service Manual

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-09-12 20:39:21 UTC
From: John A. Ross
Topic: 5100 Message: 5101

Gary

The files can live for the time being here

http://www.gm6nx.com/850

I am uploading them via ftp just now

I also have about 8GB online space on another site if needed ;-)

All best

John

> -----Original Message-----
> From: TS-850_450_690@yahoogroups.com
> [mailto:TS-850_450_690@yahoogroups.com] On Behalf Of w7tea
> Sent: Tuesday, September 12, 2006 8:10 PM
> To: TS-850_450_690@yahoogroups.com
> Subject: [TS-850_450_690] Final call on Service Manual
>
> Will pull the color scans off my .Mac site Thursday. Search
> for previous posts to see how to access the docs.
>
> 73, Gary W7TEA
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>
> THANKS FOR USING TS-850_450_690@... Yahoo! Groups Links
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5102. Re: Final call on Service Manual

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-09-12 22:39:08 UTC
From: w7tea
Topic: 5100 Message: 5102

Thank you John. You are a gentleman and a scholar!

73, Gary W7TEA

--- In TS-850_450_690@yahoogroups.com, "John A. Ross" <mygroups@...> wrote:
>
> Gary
>
> The files can live for the time being here
>
> http://www.gm6nx.com/850
>
> I am uploading them via ftp just now
>
> I also have about 8GB online space on another site if needed ;-)
>
> All best
>
> John
>
> > -----Original Message-----
> > From: TS-850_450_690@yahoogroups.com
> > [mailto:TS-850_450_690@yahoogroups.com] On Behalf Of w7tea
> > Sent: Tuesday, September 12, 2006 8:10 PM
> > To: TS-850_450_690@yahoogroups.com
> > Subject: [TS-850_450_690] Final call on Service Manual
> >
> > Will pull the color scans off my .Mac site Thursday. Search
> > for previous posts to see how to access the docs.
> >
> > 73, Gary W7TEA
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> > THANKS FOR USING TS-850_450_690@... Yahoo! Groups Links
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5103. Space for the color service manual pages...

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-09-13 01:43:35 UTC
From: Dan Janda
Topic: 5103 Message: 5103

You know we have 30 MB available for pictures, and only about 5 MB of it is in use right now. How about either loading the color pages as high detail picutes or (if it can be done) to the files section here?

Dan AA3LS

5104. Re: Space for the color service manual pages...

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-09-13 03:57:53 UTC
From: w7tea
Topic: 5103 Message: 5104

Dan, the folder is 30.9MB of pdf files right now.

Gary

--- In TS-850_450_690@yahoogroups.com, "Dan Janda" <birchardvilleobservatory@...>
wrote:
>
> You know we have 30 MB available for pictures, and only about 5 MB of
> it is in use right now. How about either loading the color pages as
> high detail picutes or (if it can be done) to the files section here?
>
> Dan AA3LS
>

5105. Re: Space for the color service manual pages...

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-09-14 03:08:25 UTC
From: Dan Janda
Topic: 5103 Message: 5105

What if we put those page scans into JPG, and loaded them into a
picture folder? Would we loose much of them? Perhaps, but there
is plenty of space there.

Dan

--- In TS-850_450_690@yahoogroups.com, "w7tea" <w7tea@...> wrote:
>
> Dan, the folder is 30.9MB of pdf files right now.
>
> Gary
>
> --- In TS-850_450_690@yahoogroups.com, "Dan Janda"
<birchardvilleobservatory@>
> wrote:
> >
> > You know we have 30 MB available for pictures, and only about 5 MB of
> > it is in use right now. How about either loading the color pages as
> > high detail picutes or (if it can be done) to the files section here?
> >
> > Dan AA3LS
> >
>

5106. Re: Space for the color service manual pages...

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-09-14 13:00:21 UTC
From: w7tea
Topic: 5103 Message: 5106

Someone may have a utility to convert pdfs to jpegs. I'm not familiar with any. Took quite a
bit of time scanning these originally because of the many fold-out pages. Doubt jpegs would give you the resolution pdfs do anyway.

"Dan Janda" <birchardvilleobservatory@...> wrote:
>
> What if we put those page scans into JPG, and loaded them into a
> picture folder? Would we loose much of them? Perhaps, but there
> is plenty of space there.
>

5107. RE: [TS-850_450_690] Re: Space for the color service manual pages...

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-09-14 17:03:36 UTC
From: John A. Ross
Topic: 5103 Message: 5107

Gary

The files can live on that server for a long time, no need to convert or any other format.

If anyone else has large files they wish to share I have plenty web space and plenty bandwidth allowance and can arrange a ftp account for upload.

John

> -----Original Message-----
> From: TS-850_450_690@yahoogroups.com
> [mailto:TS-850_450_690@yahoogroups.com] On Behalf Of w7tea
> Sent: Thursday, September 14, 2006 2:00 PM
> To: TS-850_450_690@yahoogroups.com
> Subject: [TS-850_450_690] Re: Space for the color service
> manual pages...
>
> Someone may have a utility to convert pdfs to jpegs. I'm not
> familiar with any. Took quite a bit of time scanning these
> originally because of the many fold-out pages. Doubt jpegs
> would give you the resolution pdfs do anyway.
>
>
> "Dan Janda" <birchardvilleobservatory@...> wrote:
> >
> > What if we put those page scans into JPG, and loaded them into a
> > picture folder? Would we loose much of them? Perhaps, but
> there is
> > plenty of space there.
> >
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>
> THANKS FOR USING TS-850_450_690@... Yahoo! Groups Links
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5108. Re: [TS-850_450_690] Re: Space for the color service manual pages...

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-09-14 19:02:05 UTC
From: Dave VE3WEJ
Topic: 5103 Message: 5108

I actually find that pdf is smaller...
----- Original Message -----
From: w7tea
To: TS-850_450_690@yahoogroups.com
Sent: Thursday, September 14, 2006 9:00 AM
Subject: [TS-850_450_690] Re: Space for the color service manual pages...

Someone may have a utility to convert pdfs to jpegs. I'm not familiar with any. Took quite a
bit of time scanning these originally because of the many fold-out pages. Doubt jpegs would give you the resolution pdfs do anyway.

"Dan Janda" <birchardvilleobservatory@...> wrote:
>
> What if we put those page scans into JPG, and loaded them into a
> picture folder? Would we loose much of them? Perhaps, but there
> is plenty of space there.
>

[Non-text portions of this message have been removed]

5109. TS690 Computer Control / IF232C

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-09-16 01:54:26 UTC
From: n8fau15
Topic: 5109 Message: 5109

Hello All:

I'm attemting to roll my own IF232C to be used with a TS690SAT using a MAX232 IC to convert the TTL to RS232....

Is there anything on the rig side to activate the Data Port. I've not been able to get any connecton using Ham Radio Deluxe.

Thanks for any input

73
Bob
N8FAU Saranac, MI

5110. Re: TS690 Computer Control / IF232C

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-09-16 12:09:02 UTC
From: max_ve3tmt
Topic: 5109 Message: 5110

Bob,

I would suspect something in your wiring. Have you tried the circuit on any other radio? The radio is ready to go, nothing to select. I know the 850 had a menu setting for baud rate, I'm not sure if the 450/690's do as well.

Anyone else?

Max VE3TMT

5111. Re: [TS-850_450_690] TS690 Computer Control / IF232C

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-09-16 13:02:08 UTC
From: Dave VE3WEJ
Topic: 5109 Message: 5111

what rates are you using to connect (or should I say attempt) default kenwood interface is 4800, 8,n,2

if you are trying to go higher baud rate, it may have trouble, as in getting garbage....

----- Original Message -----
From: n8fau15
To: TS-850_450_690@yahoogroups.com
Sent: Friday, September 15, 2006 9:54 PM
Subject: [TS-850_450_690] TS690 Computer Control / IF232C

Hello All:

I'm attemting to roll my own IF232C to be used with a TS690SAT using a
MAX232 IC to convert the TTL to RS232....

Is there anything on the rig side to activate the Data Port. I've not
been able to get any connecton using Ham Radio Deluxe.

Thanks for any input

73
Bob
N8FAU Saranac, MI

[Non-text portions of this message have been removed]

5112. Re: TS690 Computer Control / IF232C

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-09-16 14:06:30 UTC
From: Richard Ferch
Topic: 5109 Message: 5112

Yes, I have been using a MAX232 with a 7405 buffer/inverter for years with my TS-850. You can use a 7404/74LS04 or an opto-isolator instead of the 7405. That's just what I happened to have in the parts box at the time.

You have to turn RTS on on the radio side. You can either do this by passing RTS through the MAX232 and having your software setup for RTS Always On, or you can hardwire RTS to Always ON on the radio side of the interface and not pass it through the RS232. I believe you can either pull the radio's RTS up to 5V through a 10K resistor, or just connect the radio's RTS and CTS together. If you do this, that will leave the RTS signal from the COM port free so you can use it to control PTT through a switching transistor. Kenwood radios don't use DTR, so you can use it to key CW the same way. That gives you radio control, CW and PTT all on the same serial port, if your software will support it.

73,
Rich VE3IAY

--- In TS-850_450_690@yahoogroups.com, "n8fau15" <n8fau@...> wrote:
>
> Hello All:
>
> I'm attemting to roll my own IF232C to be used with a TS690SAT
using a
> MAX232 IC to convert the TTL to RS232....
>
> Is there anything on the rig side to activate the Data Port. I've
not
> been able to get any connecton using Ham Radio Deluxe.
>
> Thanks for any input
>
> 73
> Bob
> N8FAU Saranac, MI
>

5113. TS-850S/AT for sale

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-09-17 14:02:24 UTC
From: w7tea
Topic: 4334 Message: 5113

I now have four HF rigs in a small shack. Selling my 850 and probably an Omni VI+ later. I am original owner of the 850s/AT, non smoker, purchased in June 1991. Serial number 20800237. Never have had a problem. Used for CW primarily and PSK31 of late.

Has three additional optional filters: 2.1 khz International Radio filter in 8.83 IF and 400 Hz CW filters in 8.83 and 455 IFs. Bill, K0ZL, (www.amater-repairs.com) replaced the battery (no leakage), did the NB and sidetone mods, DC-DC mod and aligned about a year ago.

Original box, manual and service manual. Also SP-31 speaker, power cord and all the connectors I can find. Will throw in MC-85 and MC-50 free. Not used either mic in years.

One issue. There was a smudge on top of the front panel. I stupidly cleaned it with alcohol and rubbed the grey paint off--so now there is a black spot. Pics available on my public .mac folder (idisk.mac.com/gtuck-Public). Pics make it look worse than it is. Asking for $700 plus shipping and insurance from 97230.

Please reply off the list to w7tea@...

73, Gary W7TEA

5114. Can't get the tuner to work ts-450s

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-09-18 17:35:53 UTC
From: ih772
Topic: 5114 Message: 5114

I left the rig in storage for about a month, only to find when I turned it on the microprocessor appeared to be reset. None of the installed filters worked, the same for the internal tuner and all memories were gone as well. The rig powered up on 14.000 USB. Sounds like a dead battery to me. My question is how do I reactivate the tuner? I don't have my copy of the users manual handy and I don't remember how to get into the microprocessor settings.

5115. Re: Can't get the tuner to work ts-450s

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-09-18 18:04:22 UTC
From: max_ve3tmt
Topic: 5114 Message: 5115

--- In TS-850_450_690@yahoogroups.com, "ih772" <ih772@...> wrote:
>
> I left the rig in storage for about a month, only to find when I turned
> it on the microprocessor appeared to be reset. None of the installed
> filters worked, the same for the internal tuner and all memories were
> gone as well. The rig powered up on 14.000 USB. Sounds like a dead
> battery to me. My question is how do I reactivate the tuner? I don't
> have my copy of the users manual handy and I don't remember how to get
> into the microprocessor settings.
>

Hold down the A=B button while turning the rig on. This will reset the
CPU. Of course if the battery is dead it won't do you any good if you
turn the radio back off.

5116. Re: TS-850S/AT for sale

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-09-18 19:40:59 UTC
From: max_ve3tmt
Topic: 4334 Message: 5116

--- In TS-850_450_690@yahoogroups.com, "w7tea" <w7tea@...> wrote:
>
> I now have four HF rigs in a small shack. Selling my 850 and probably
> an Omni VI+ later. I am original owner of the 850s/AT, non smoker,
> purchased in June 1991. Serial number 20800237. Never have had a
> problem. Used for CW primarily and PSK31 of late.
>
> Has three additional optional filters: 2.1 khz International Radio
> filter in 8.83 IF and 400 Hz CW filters in 8.83 and 455 IFs. Bill,
> K0ZL, (www.amater-repairs.com) replaced the battery (no leakage), did
> the NB and sidetone mods, DC-DC mod and aligned about a year ago.
>
> Original box, manual and service manual. Also SP-31 speaker, power
> cord and all the connectors I can find. Will throw in MC-85 and MC-50
> free. Not used either mic in years.
>
> One issue. There was a smudge on top of the front panel. I stupidly
> cleaned it with alcohol and rubbed the grey paint off--so now there is
> a black spot. Pics available on my public .mac folder
> (idisk.mac.com/gtuck-Public). Pics make it look worse than it is.
> Asking for $700 plus shipping and insurance from 97230.
>
> Please reply off the list to w7tea@
>
> 73, Gary W7TEA

If you have no takers Gary, I'd be glad to look after it for you!

Max
>

5117. TS850S/AT Noisy Tuner

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-09-18 20:19:55 UTC
From: Mark Saunders, KJ7BS
Topic: 5117 Message: 5117

I noticed the tuner in my TS850S/AT was louder than usual over the weekend. It has a distinct gear sound. Sounds to me like I better service the tuner soon.

Has anyone done a removal, lubrication, and replacement of the tuner? Is this covered in the TS850S/AT service manual? Is this something easily done by the ham or do I need to send it to a repair shop? I've had my TS850S/AT for 11 years and it has never been opened except to install filters.

Mark Saunders, KJ7BS
Glendale, AZ

5118. Re: TS-850S/AT for sale

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-09-18 20:40:29 UTC
From: w7tea
Topic: 4334 Message: 5118

Well, with the state of the US dollar, if we can arrange a transfer of Canadian Maple Leaf gold
coins, I bet we could strike a bargain!!

Gary

> If you have no takers Gary, I'd be glad to look after it for you!
>
> Max
> >
>

5119. Re: [TS-850_450_690] Can't get the tuner to work ts-450s

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-09-19 00:07:51 UTC
From: Dave VE3WEJ
Topic: 5114 Message: 5119

correction, use the memory knob, not the vfo knob to select the #20, then use the up/down buttons to toggle

----- Original Message -----
From: ih772
To: TS-850_450_690@yahoogroups.com
Sent: Monday, September 18, 2006 1:35 PM
Subject: [TS-850_450_690] Can't get the tuner to work ts-450s

I left the rig in storage for about a month, only to find when I turned it on the microprocessor appeared to be reset. None of the installed filters worked, the same for the internal tuner and all memories were gone as well. The rig powered up on 14.000 USB. Sounds like a dead battery to me. My question is how do I reactivate the tuner? I don't have my copy of the users manual handy and I don't remember how to get into the microprocessor settings.

[Non-text portions of this message have been removed]

5120. Re: [TS-850_450_690] Re: Can't get the tuner to work ts-450s

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-09-19 00:05:36 UTC
From: Dave VE3WEJ
Topic: 5114 Message: 5120

press and hold the lsb/usb key while powering up will get you into a menu

turn knob until option 20 on, and also you must have antenna tuner switch (on rear panel) set to internal

ve3ie, Dave

----- Original Message -----
From: max_ve3tmt
To: TS-850_450_690@yahoogroups.com
Sent: Monday, September 18, 2006 2:04 PM
Subject: [TS-850_450_690] Re: Can't get the tuner to work ts-450s

--- In TS-850_450_690@yahoogroups.com, "ih772" <ih772@...> wrote:
>
> I left the rig in storage for about a month, only to find when I turned
> it on the microprocessor appeared to be reset. None of the installed
> filters worked, the same for the internal tuner and all memories were
> gone as well. The rig powered up on 14.000 USB. Sounds like a dead
> battery to me. My question is how do I reactivate the tuner? I don't
> have my copy of the users manual handy and I don't remember how to get
> into the microprocessor settings.
>

Hold down the A=B button while turning the rig on. This will reset the
CPU. Of course if the battery is dead it won't do you any good if you
turn the radio back off.

[Non-text portions of this message have been removed]

5121. Re: [TS-850_450_690] Re: TS-850S/AT for sale

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-09-19 01:34:28 UTC
From: yash@aol.com
Topic: 4334 Message: 5121

Do not have the rest of your e mail adress so..... Is the 850 still for sale? pls get back either way.
thanks
dale wt4t

-----Original Message-----
From: max_ve3tmt@...
To: TS-850_450_690@yahoogroups.com
Sent: Mon, 18 Sep 2006 3:40 PM
Subject: [TS-850_450_690] Re: TS-850S/AT for sale

--- In TS-850_450_690@yahoogroups.com, "w7tea" <w7tea@...> wrote:
>
> I now have four HF rigs in a small shack. Selling my 850 and probably
> an Omni VI+ later. I am original owner of the 850s/AT, non smoker,
> purchased in June 1991. Serial number 20800237. Never have had a
> problem. Used for CW primarily and PSK31 of late.
>
> Has three additional optional filters: 2.1 khz International Radio
> filter in 8.83 IF and 400 Hz CW filters in 8.83 and 455 IFs. Bill,
> K0ZL, (www.amater-repairs.com) replaced the battery (no leakage), did
> the NB and sidetone mods, DC-DC mod and aligned about a year ago.
>
> Original box, manual and service manual. Also SP-31 speaker, power
> cord and all the connectors I can find. Will throw in MC-85 and MC-50
> free. Not used either mic in years.
>
> One issue. There was a smudge on top of the front panel. I stupidly
> cleaned it with alcohol and rubbed the grey paint off--so now there is
> a black spot. Pics available on my public .mac folder
> (idisk.mac.com/gtuck-Public). Pics make it look worse than it is.
> Asking for $700 plus shipping and insurance from 97230.
>
> Please reply off the list to w7tea@
>
> 73, Gary W7TEA

If you have no takers Gary, I'd be glad to look after it for you!

Max
>

Check out the new AOL. Most comprehensive set of free safety and security tools, free access to millions of high-quality videos from across the web, free AOL Mail and more.

[Non-text portions of this message have been removed]

5122. Re: [TS-850_450_690] Re: Can't get the tuner to work ts-450s

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-09-19 03:56:28 UTC
From: I H
Topic: 5114 Message: 5122

I turned #20 on and it still doesn't work. Is there something else in the menus that needs to be set? I have not changed any physical switch settings since it last worked.

Ian

Dave VE3WEJ <ve3wej@...> wrote:
press and hold the lsb/usb key while powering up will get you into a menu

turn knob until option 20 on, and also you must have antenna tuner switch (on rear panel) set to internal

ve3ie, Dave

----- Original Message -----
From: max_ve3tmt
To: TS-850_450_690@yahoogroups.com
Sent: Monday, September 18, 2006 2:04 PM
Subject: [TS-850_450_690] Re: Can't get the tuner to work ts-450s

--- In TS-850_450_690@yahoogroups.com, "ih772" <ih772@...> wrote:
>
> I left the rig in storage for about a month, only to find when I turned
> it on the microprocessor appeared to be reset. None of the installed
> filters worked, the same for the internal tuner and all memories were
> gone as well. The rig powered up on 14.000 USB. Sounds like a dead
> battery to me. My question is how do I reactivate the tuner? I don't
> have my copy of the users manual handy and I don't remember how to get
> into the microprocessor settings.
>

Hold down the A=B button while turning the rig on. This will reset the
CPU. Of course if the battery is dead it won't do you any good if you
turn the radio back off.

[Non-text portions of this message have been removed]

Talk is cheap. Use Yahoo! Messenger to make PC-to-Phone calls. Great rates starting at 1¢/min.

[Non-text portions of this message have been removed]

5123. Re: [TS-850_450_690] Re: Can't get the tuner to work ts-450s

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-09-19 04:23:24 UTC
From: I H
Topic: 5114 Message: 5123

I figured out what was going on. I also had to turn the filters back on today and I turned on #1 in the filter menu when I shouldn't have. Now the tuner works just fine.

I'm not really sure what #20 has to do with making the tuner work. I thinkwe might be talking about two different radios. This one is a ts-450s

I H <ih772@...> wrote:
I turned #20 on and it still doesn't work. Is there something else in the menus that needs to be set? I have not changed any physical switch settings since it last worked.

Ian

Dave VE3WEJ <ve3wej@...> wrote:
press and hold the lsb/usb key while powering up will get you into a menu

turn knob until option 20 on, and also you must have antenna tuner switch (on rear panel) set to internal

ve3ie, Dave

----- Original Message -----
From: max_ve3tmt
To: TS-850_450_690@yahoogroups.com
Sent: Monday, September 18, 2006 2:04 PM
Subject: [TS-850_450_690] Re: Can't get the tuner to work ts-450s

--- In TS-850_450_690@yahoogroups.com, "ih772" <ih772@...> wrote:
>
> I left the rig in storage for about a month, only to find when I turned
> it on the microprocessor appeared to be reset. None of the installed
> filters worked, the same for the internal tuner and all memories were
> gone as well. The rig powered up on 14.000 USB. Sounds like a dead
> battery to me. My question is how do I reactivate the tuner? I don't
> have my copy of the users manual handy and I don't remember how to get
> into the microprocessor settings.
>

Hold down the A=B button while turning the rig on. This will reset the
CPU. Of course if the battery is dead it won't do you any good if you
turn the radio back off.

[Non-text portions of this message have been removed]

Talk is cheap. Use Yahoo! Messenger to make PC-to-Phone calls. Great rates starting at 1¢/min.

[Non-text portions of this message have been removed]

How low will we go? Check out Yahoo! Messenger□s low PC-to-Phone call rates.

[Non-text portions of this message have been removed]

5124. Re: Can't get the tuner to work ts-450s

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-09-19 10:49:44 UTC
From: max_ve3tmt
Topic: 5114 Message: 5124

--- In TS-850_450_690@yahoogroups.com, I H <ih772@...> wrote:

> I'm not really sure what #20 has to do with making the tuner work.
I thinkwe might be talking about two different radios. This one is a
ts-450s

If the menu system is the same as the 850, # 20 selects either
automatic or manual control of the tuner. If it was in manual mode the
tuner wouldn't start tuning unless you do it yourself, by turning the
VFO knob and the MEM.CH knob.

Max

5125. Re: TS-850S/AT for sale

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-09-19 14:46:36 UTC
From: w7tea
Topic: 4334 Message: 5125

Sure, email is W7TEA@...

While I have two others interested, no commitments yet.

Gary W7TEA

--- In TS-850_450_690@yahoogroups.com, yash@... wrote:
>
> Do not have the rest of your e mail adress so..... Is the 850 still for sale? pls get back
either way.
> thanks

5126. TS-850 front panel keys

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-09-19 17:59:01 UTC
From: merckxist
Topic: 5126 Message: 5126

Does anybody know if replacement front panel keys are availiable for the TS-850, and if so, where? Some of mine are getting worn, particularly the USB/LSB, CW/FSK mode keys, and the "0" and "ENTER" keys on the keypad.I couldn't find anything in the message archives or files, any advice appreciated.
Al
KJ5GT

5127. Re: [TS-850_450_690] TS-850 front panel keys

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-09-19 20:19:18 UTC
From: Paul
Topic: 5126 Message: 5127

I do have some spare ones. Got them from Kenwood UK, about 5 years ago. Do not know if still available. Other one is Pacific parts in US.

merckxist <kj5gt@...> wrote: Does anybody know if replacement front panel keys are availiable for
the TS-850, and if so, where? Some of mine are getting worn,
particularly the USB/LSB, CW/FSK mode keys, and the "0" and "ENTER"
keys on the keypad.I couldn't find anything in the message archives or
files, any advice appreciated.
Al
KJ5GT

Talk is cheap. Use Yahoo! Messenger to make PC-to-Phone calls. Great rates starting at 1¢/min.

[Non-text portions of this message have been removed]

5128. Re: [TS-850_450_690] TS-850 front panel keys

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-09-20 05:38:08 UTC
From: Terry
Topic: 5126 Message: 5128

Al,
Try http://www.kenwoodparts.com/ aka East coast Transistors.
They did have quite a stock of these buttons last time I ordered.
Cheers,
Terry
G0VHS/MM (Gulf of Mexico)

----- Original Message ----
From: merckxist <kj5gt@...>
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, September 19, 2006 12:59:01 PM
Subject: [TS-850_450_690] TS-850 front panel keys

Does anybody know if replacement front panel keys are availiable for
the TS-850, and if so, where? Some of mine are getting worn,
particularly the USB/LSB, CW/FSK mode keys, and the "0" and "ENTER"
keys on the keypad.I couldn't find anything in the message archives or
files, any advice appreciated.
Al
KJ5GT

[Non-text portions of this message have been removed]

5129. Re: [TS-850_450_690] TS-850 front panel keys

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-09-20 12:01:42 UTC
From: Charles Mortimer
Topic: 5126 Message: 5129

hallo al
Charles vk6ycj in Australia
I have a complete front panel if you cant get one in the states
drop me an e-mail and I can give you the run down on this panel
Charles vk6ycj
,,
,,,,,
----- Original Message -----
From: merckxist
To: TS-850_450_690@yahoogroups.com
Sent: Wednesday, September 20, 2006 1:59 AM
Subject: [TS-850_450_690] TS-850 front panel keys

Does anybody know if replacement front panel keys are availiable for
the TS-850, and if so, where? Some of mine are getting worn,
particularly the USB/LSB, CW/FSK mode keys, and the "0" and "ENTER"
keys on the keypad.I couldn't find anything in the message archives or
files, any advice appreciated.
Al
KJ5GT

[Non-text portions of this message have been removed]

5130. Re: Front panel keys

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-09-20 19:50:34 UTC
From: merckxist
Topic: 5130 Message: 5130

Thanks to all who replied.I'll try East Coast Transistors, and see what they have.Right now, it seems like overkill to replace the whole front panel, but I'll keep it in mind.
Al
KJ5GT

5131. Re: Front panel keys

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-09-20 20:27:37 UTC
From: max_ve3tmt
Topic: 5130 Message: 5131

--- In TS-850_450_690@yahoogroups.com, "merckxist" <kj5gt@...> wrote:
>
> Thanks to all who replied.I'll try East Coast Transistors, and see
> what they have.Right now, it seems like overkill to replace the whole
> front panel, but I'll keep it in mind.
> Al
> KJ5GT

Al,

If you plan on ordering the buttons, order the foam that goes behind them. This is what holds them in place in the panel and unless you are extremely careful you will tear the foam taking the old ones out. It is very cheap and would be worth the trouble just in case.

Max VE3TMT

5132. Question re ACC1 of TS450S

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-09-20 20:41:30 UTC
From: pa0mir
Topic: 5132 Message: 5132

Can anybody please indicate where I find the ACC1 on the schematic, be it the big one or the schematic section in the back of the manual. Have been looking for hours but do not find anything anywhere, while the ACC2 and ACC3 are fairly clearly indicated.
Thanks for your attention

pa0mir@...

[Non-text portions of this message have been removed]

5133. Extending 7 MHz transmitting range of TS450S

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-09-20 20:48:28 UTC
From: pa0mir
Topic: 5133 Message: 5133

Hi,
I am using a TS450S with european bands, so transmission is blocked above 7,100 MHz.
A few months ago we got use of 7,100-7,200 MHz in PA
Is there a menu someplace or a modification where I can get to use p.e. the US bands or VK bands?
Have looked at mods.dk but nothing useful there.
Help will be greatly appreciated

73
Nico
PA0MIR

[Non-text portions of this message have been removed]

5134. Re: [TS-850_450_690] Question re ACC1 of TS450S

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-09-20 23:53:58 UTC
From: Dave VE3WEJ
Topic: 5132 Message: 5134

where is it on the radio, I do NOT see it in the pictures... (dont have that radio)

----- Original Message -----
From: pa0mir
To: TS-850_450_690@yahoogroups.com
Sent: Wednesday, September 20, 2006 4:41 PM
Subject: [TS-850_450_690] Question re ACC1 of TS450S

Can anybody please indicate where I find the ACC1 on the schematic, be it the big one or the schematic section in the back of the manual. Have been looking for hours but do not find anything anywhere, while the ACC2 and ACC3 are fairly clearly indicated.
Thanks for your attention

pa0mir@...

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

5135. wanted dsp-100

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-09-20 23:52:58 UTC
From: dalepavlicek
Topic: 5135 Message: 5135

Anyone looking to sell their dsp-100,looking to buy.

thanks
dale wt4t

e mail. yash@...

5136. Re: Question re ACC1 of TS450S

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-09-21 14:18:14 UTC
From: Clif
Topic: 5132 Message: 5136

--- In TS-850_450_690@yahoogroups.com, "pa0mir" <n.byl@...> wrote:
>
> Can anybody please indicate where I find the ACC1 on the schematic,
be it the big one or the schematic section in the back of the manual.
Have been looking for hours but do not find anything anywhere, while
the ACC2 and ACC3 are fairly clearly indicated.
> Thanks for your attention
>
> pa0mir@...
>
> [Non-text portions of this message have been removed]
>

It's in the digital unit schematic.

Clif

5137. Re: [TS-850_450_690] Extending 7 MHz transmitting range of TS450S

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-09-21 17:43:33 UTC
From: Silva - PY8ELO
Topic: 5133 Message: 5137

Hi Nico,
please visit www.mods.dk and you will find which you are looking for...
VY 73´s,
Silva.

At 20:48 20/09/06, you wrote:
>Hi,
>I am using a TS450S with european bands, so transmission is blocked above
>7,100 MHz.
>A few months ago we got use of 7,100-7,200 MHz in PA
>Is there a menu someplace or a modification where I can get to use p.e.
>the US bands or VK bands?
>Have looked at mods.dk but nothing useful there.
>Help will be greatly appreciated
>
>73
>Nico
>PA0MIR
>
>
>[Non-text portions of this message have been removed]
>
>
>
>THANKS FOR USING TS-850_450_690@...
>Yahoo! Groups Links
>
>
>
>
>
>
>

****
Brazilian Ham Radio
Callsign : PY8ELO
Name : Silva
Address : PO BOX (CAIXA POSTAL) 151 Centro
CEP 68180-630
ITAITUBA - PARÁ - BRASIL - GI25AR - Time Ofset UTC-4
Amazon forest the world´s lung !
****
QRV:
7.068,00 KHz

28.490,00 KHz
50.110,00 KHz
Power: 0,05 - 100 Watts from 160 up 6 meter
Please visit : http://www.zzum.com.br/silva
and post Your DX info.
****

Yahoo! Acesso Grátis - Internet rápida e grátis. Instale
o discador agora!
http://br.acesso.yahoo.com

5138. Still searching for DRU2

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-09-22 01:09:38 UTC
From: taephono
Topic: 5138 Message: 5138

If anyone has one of these lying around collecting dust or in a rig,
and not being used, I would be interested in purchasing one.

73 - Clint
WS1V

5139. TS 850 INTERNAL ATU

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-09-22 11:05:10 UTC
From: mintaka capella
Topic: 5139 Message: 5139

Hello everybody in this egroup. I have a Kenwood TS 850S and would like to turn it into an SAT by installing an internal antenna tuning unit. Has anyone got a spare. in good working order, for sale or can somebody tell me where I can get a brand new unit?
Thank you and 73

de 9W2TZ (Hanafi)

Do You Yahoo!?
Tired of spam? Yahoo! Mail has the best spam protection around
http://mail.yahoo.com

5140. 15m dead !!

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-09-23 18:16:32 UTC
From: Paul
Topic: 5140 Message: 5140

Is 21Mhz dead , or is it my ts850sat ??

Stay in the know. Pulse on the new Yahoo.com. Check it out.

[Non-text portions of this message have been removed]

5141. Re: [TS-850_450_690] 15m dead !!

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-09-23 19:00:25 UTC
From: Brian K. Gaskamp
Topic: 5140 Message: 5141

When I was listening this morning for stations in Texas Qso party is was dead here in SE Texas.

Barely heard a station 20 min from by qth.

73/Brian
----- Original Message -----
From: Paul
To: TS-850_450_690@yahoogroups.com
Sent: Saturday, September 23, 2006 1:16 PM
Subject: [TS-850_450_690] 15m dead !!

Is 21Mhz dead , or is it my ts850sat ??

Stay in the know. Pulse on the new Yahoo.com. Check it out.

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

5142. Re: TS-850S/AT for sale

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-09-24 03:25:06 UTC
From: w7tea
Topic: 4334 Message: 5142

Rig has been sold.

Gary W7TEA

--- In TS-850_450_690@yahoogroups.com, "w7tea" <w7tea@...> wrote:
>
> I now have four HF rigs in a small shack. Selling my 850 and probably
> an Omni VI+ later. I am original owner of the 850s/AT, non smoker,

5143. Re: [TS-850_450_690] 15m dead !!

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-09-24 18:11:28 UTC
From: Bob Snelgrove
Topic: 5140 Message: 5143

40m dead here in N. Cal. In fact, everything is dead. hadn't had my rig on for a few months and thought maybe someone stole my antenna :)

bob
----- Original Message -----
From: Brian K. Gaskamp
To: TS-850_450_690@yahoogroups.com
Sent: Saturday, September 23, 2006 12:00 PM
Subject: Re: [TS-850_450_690] 15m dead !!

When I was listening this morning for stations in Texas Qso party is was dead here in SE Texas.

Barely heard a station 20 min from by qth.

73/Brian
----- Original Message -----
From: Paul
To: TS-850_450_690@yahoogroups.com
Sent: Saturday, September 23, 2006 1:16 PM
Subject: [TS-850_450_690] 15m dead !!

Is 21Mhz dead , or is it my ts850sat ??

Stay in the know. Pulse on the new Yahoo.com. Check it out.

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

THANKS FOR USING TS-850_450_690@...
Yahoo! Groups Links

[Non-text portions of this message have been removed]

5144. Looking for clean TS-850 SAT for parts..

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-09-25 03:59:28 UTC
From: n8rka
Topic: 5144 Message: 5144

Hello Group,
I have been looking for a TS-850SAT for parts.
I need to replace some of the parts in my rig because I've not used it for a few months. My rig has been well cared for and kept clean.
This question my have been around the group before.I'm looking for a clean rig for parts.If any one knows where I can find one please let me know.I need front face plate (cover) also...
Thank You,
Art N8RKA

5145. TS-850 RTTY Mode

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-09-26 03:33:23 UTC
From: WN9D
Topic: 5145 Message: 5145

My TS-850 transmits in FSK (RTTY), yet the TNC (PK-232) does not indicate received signals. The TNC functions with my other rigs. This rules out the cord from the TNC and the associated plug (13 pin male).

Should I check the ACC2 port in the 850, or should I check elsewhere?

Thanks and '73,
Randy WN9D

[Non-text portions of this message have been removed]

5146. Re: [TS-850_450_690] TS-850 RTTY Mode

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-09-26 18:56:37 UTC
From: Dave VE3WEJ
Topic: 5145 Message: 5146

I use my tnc in lsb mode.... filtering in fsk mode tends to be tight, especially the off freq callers....

----- Original Message -----
From: WN9D
To: TS-850_450_690@yahoogroups.com
Sent: Monday, September 25, 2006 11:33 PM
Subject: [TS-850_450_690] TS-850 RTTY Mode

My TS-850 transmits in FSK (RTTY), yet the TNC (PK-232) does not indicate received signals. The TNC functions with my other rigs. This rules out the cord from the TNC and the associated plug (13 pin male).

Should I check the ACC2 port in the 850, or should I check elsewhere?

Thanks and '73,
Randy WN9D

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

5147. Re: TS-850 RTTY Mode

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-09-27 16:21:29 UTC
From: Richard Ferch
Topic: 5145 Message: 5147

(Randy: there is a note for you about 6 paragraphs down the page)

Dave,

You don't have to use narrow filters in FSK. You can use the wide filters when conditions permit.

I do quite a lot of RTTY contesting. I find it impossible to use ssb filters in a big RTTY contest like last weekend. There could easily be four or five QSOs audible within the ssb filter bandwidth. In fact, even 500 Hz is a bit too wide when there is heavy QRM; 400 Hz or 350 Hz is better. 250 Hz is a bit too narrow.

The TS-850 allows you to use the narrow filters in SSB, but they are centered around 1450 Hz instead of 2100 Hz as in FSK. This is fine for sound card AFSK, but may not be compatible with some TNCs.

Tuning accuracy: when you are CQing in a contest, most responders are within less than about 40-50 Hz, with only a few farther away than that. If they are much farther away, there is a strong possibility that they are answering someone else's CQ, not yours. You can use the RIT to make fine adjustments for people who call you within up to a couple of hundred Hz of the correct frequency. If someone is farther away than that, in a contest I don't waste my time trying to work them unless things are really slow and the band is really quiet, i.e. almost weekday conditions. Those are the only times when wide filters are OK.

While searching and pouncing, I use my ears to get fairly close, and then the MMTTY tuning aids to do the rest. Even when I am using a TNC, I always have an MMTTY window open as a second decoder (MMTTY is a better decoder than most TNCs) and as a tuning aid (ditto). Set MMTTY's FFT bandwidth to 500 Hz, the XY scope to large, with reversed rotation direction, push the FINE button on the front of the TS-850, and it is not hard to tune in a station to within 20-30 Hz in a couple of seconds.

None of this answers Randy's original question. Randy, before ruling out the cable from the TNC with the 13-pin connector, what other radios does it work with? Are they Kenwoods as well, and if so which models? There are some Icom radios that use the same 13-pin DIN connector, but the pinout is incompatible, and I don't believe the same cable can be used with both.

73,
Rich VE3KI / VE3IAY

--- In TS-850_450_690@yahoogroups.com, "Dave VE3WEJ" <ve3wej@...>
wrote:
>
> I use my tnc in lsb mode.... filtering in fsk mode tends to be
tight, especially the off freq callers....
>
>
>
> ----- Original Message -----
> From: WN9D
> To: TS-850_450_690@yahoogroups.com
> Sent: Monday, September 25, 2006 11:33 PM
> Subject: [TS-850_450_690] TS-850 RTTY Mode
>
>
> My TS-850 transmits in FSK (RTTY), yet the TNC (PK-232) does not
indicate received signals. The TNC functions with my other rigs.
This rules out the cord from the TNC and the associated plug (13 pin
male).
>
> Should I check the ACC2 port in the 850, or should I check
elsewhere?
>
> Thanks and '73,
> Randy WN9D
>
> [Non-text portions of this message have been removed]
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

5148. TS-850 Weird Problems

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-09-28 00:22:04 UTC
From: Zack
Topic: 5148 Message: 5148

I powered up my TS-850 today and it is now doing something very strange. Now the display blanks out and I can hear a relay madly clicking. Sometimes when it powers up the numeric display changes to all dots and then the display dims a lot. If I turn the VFO it sends CW at a rate to rapid for me to copy and then the display changes back to all dots. I reset the CPU but it made no difference.

Has anyone out there seen anything like this before? Any idea as to where I can get it fixed?

Any info on this will be greatly appreciated.

73
Zack
N8FNR

5150. Re: TS-850 Weird Problems

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-09-28 05:05:31 UTC
From: Clif
Topic: 5148 Message: 5150

--- In TS-850_450_690@yahoogroups.com, "Zack" <vtnn43e@...> wrote:
>
> I powered up my TS-850 today and it is now doing something very
> strange. Now the display blanks out and I can hear a relay madly
> clicking. Sometimes when it powers up the numeric display changes to
> all dots and then the display dims a lot. If I turn the VFO it sends
> CW at a rate to rapid for me to copy and then the display changes back
> to all dots. I reset the CPU but it made no difference.
>
> Has anyone out there seen anything like this before? Any idea as to
> where I can get it fixed?
>
> Any info on this will be greatly appreciated.
>
> 73
> Zack
> N8FNR
>

The first thing to do is try a reset (A=B and power on) If no go then;

The first place I would look is a leaking battery. It sits on top of
data lines from the processor and when they get damaged all bets are
off as to what the radio will do. I've seen them do a little bit of
everything.

And yes I repair them

Clif

5151. Re: [TS-850_450_690] TS-850 RTTY Mode

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-09-28 19:53:18 UTC
From: Dave VE3WEJ
Topic: 5145 Message: 5151

I would check the audio level (may be low out the acc2 jack..

----- Original Message -----
From: WN9D
To: TS-850_450_690@yahoogroups.com
Sent: Monday, September 25, 2006 11:33 PM
Subject: [TS-850_450_690] TS-850 RTTY Mode

My TS-850 transmits in FSK (RTTY), yet the TNC (PK-232) does not indicate received signals. The TNC functions with my other rigs. This rules out the cord from the TNC and the associated plug (13 pin male).

Should I check the ACC2 port in the 850, or should I check elsewhere?

Thanks and '73,
Randy WN9D

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

5152. TS-950SD vs. TS-850S vs. TS-950SDX

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-09-29 06:59:57 UTC
From: Samir Popaja
Topic: 5152 Message: 5152

Hello,<?xml:namespace prefix = o ns = "urn:schemas-microsoft-com:office:office" />

I need some information about TS-950SD (Digital).

It has 10590963 serial number, which year was it manufactured?

Difference between TS-950SD and TS-950SDX?

Can SD be upgrade to SDX?

IS any difference in receiver performance between TS-950SD and TS-850S?

I think that TS-850S has very good receiver, what about TS-950SD.

Thank You

[Non-text portions of this message have been removed]

5153. Re: [TS-850_450_690] TS-950SD vs. TS-850S vs. TS-950SDX

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-09-29 19:43:07 UTC
From: Dave VE3WEJ
Topic: 5152 Message: 5153

best to download the sales brochure, but I beleive the sd can NOT be upgraded to an sdx.....

If I were to comnpare it with anything, I would say compare to an 870 kenwood, because of the built in dsp, OR an 850 with the dsp100 option.

oh, and internal power supply, as opposed to external...

----- Original Message -----
From: Samir Popaja
To: TS-850_450_690@yahoogroups.com
Sent: Friday, September 29, 2006 2:59 AM
Subject: [TS-850_450_690] TS-950SD vs. TS-850S vs. TS-950SDX

Hello,<?xml:namespace prefix = o ns = "urn:schemas-microsoft-com:office:office" />

I need some information about TS-950SD (Digital).

It has 10590963 serial number, which year was it manufactured?

Difference between TS-950SD and TS-950SDX?

Can SD be upgrade to SDX?

IS any difference in receiver performance between TS-950SD and TS-850S?

I think that TS-850S has very good receiver, what about TS-950SD.

Thank You

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

5154. Re: TS-950SD vs. TS-850S vs. TS-950SDX

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-09-29 20:19:00 UTC
From: Samir Popaja
Topic: 5152 Message: 5154

Any website with the sales brochure?

Thanks

--- In TS-850_450_690@yahoogroups.com, "Dave VE3WEJ" <ve3wej@...>
wrote:
>
> best to download the sales brochure, but I beleive the sd can NOT
be upgraded to an sdx.....
>
> If I were to comnpare it with anything, I would say compare to an
870 kenwood, because of the built in dsp, OR an 850 with the dsp100
option.
>
> oh, and internal power supply, as opposed to external...
>
>
> ----- Original Message -----
> From: Samir Popaja
> To: TS-850_450_690@yahoogroups.com
> Sent: Friday, September 29, 2006 2:59 AM
> Subject: [TS-850_450_690] TS-950SD vs. TS-850S vs. TS-950SDX
>
>
> Hello,<?xml:namespace prefix = o ns = "urn:schemas-microsoft-
com:office:office" />
>
> I need some information about TS-950SD (Digital).
>
> It has 10590963 serial number, which year was it manufactured?
>
> Difference between TS-950SD and TS-950SDX?
>
> Can SD be upgrade to SDX?
>
> IS any difference in receiver performance between TS-950SD and
TS-850S?
>
> I think that TS-850S has very good receiver, what about TS-950SD.
>
> Thank You
>
> [Non-text portions of this message have been removed]
>
>

>
>
>
> [Non-text portions of this message have been removed]
>

5155. Re: TS-950SD vs. TS-850S vs. TS-950SDX

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-09-29 21:50:54 UTC
From: Richard Ferch
Topic: 5152 Message: 5155

I have the QST reviews of the TS-950SD (Jan. 91), TS-850S (July 91), TS-450S/690S (April 92) and TS-950SDX (Dec. 92) in front of me. Based on the information in these reviews:

The TS-950SD is basically the TS-950S with the DSP module, TCXO and four additional IF filters built-in, i.e. it's an easy field upgrade from the 950S.

The TS-950SDX is really an entirely new radio. It is not possible to upgrade from the SD to the SDX. The DSP is much more closely integrated into the radio. The front panel is different (the photos where you can't read the labels on the controls look about the same but the user interface is improved). The sub-receiver is much improved. The finals are FETs instead of bipolars as in the TS-950SD.

The receiver lab test performance numbers for the TS-950SDX (MDS, blocking and IMD dynamic range) are not quite in the same class as the TS-850S, TS-940S and TS-950S/950SD, though.

73,
Rich VE3KI

--- In TS-850_450_690@...m, "Samir Popaja" <samir.popaja@...> wrote:
>
> Any website with the sales brochure?
>
> Thanks
>
> --- In TS-850_450_690@yahoogroups.com, "Dave VE3WEJ" <ve3wej@>
> wrote:
> >
> > best to download the sales brochure, but I beleive the sd can NOT
> be upgraded to an sdx.....
> >
> > If I were to comnpare it with anything, I would say compare to an
> 870 kenwood, because of the built in dsp, OR an 850 with the dsp100
> option.
> >
> > oh, and internal power supply, as opposed to external...
> >
> >
> > ----- Original Message -----

> > From: Samir Popaja
> > To: TS-850_450_690@yahoogroups.com
> > Sent: Friday, September 29, 2006 2:59 AM
> > Subject: [TS-850_450_690] TS-950SD vs. TS-850S vs. TS-950SDX
> >
> >
> > Hello,<?xml:namespace prefix = o ns = "urn:schemas-microsoft-
> com:office:office" />
> >
> > I need some information about TS-950SD (Digital).
> >
> > It has 10590963 serial number, which year was it manufactured?
> >
> > Difference between TS-950SD and TS-950SDX?
> >
> > Can SD be upgrade to SDX?
> >
> > IS any difference in receiver performance between TS-950SD and
> TS-850S?
> >
> > I think that TS-850S has very good receiver, what about TS-
950SD.
> >
> > Thank You
> >
> > [Non-text portions of this message have been removed]
> >
> >
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> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>

5156. Re: [TS-850_450_690] Re: TS-950SD vs. TS-850S vs. TS-950SDX

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-09-29 23:40:30 UTC
From: Dave VE3WEJ
Topic: 5152 Message: 5156

http://www.universal-radio.com/catalog/hamhf/ts950sdx.html

----- Original Message -----
From: Richard Ferch
To: TS-850_450_690@yahoogroups.com
Sent: Friday, September 29, 2006 5:50 PM
Subject: [TS-850_450_690] Re: TS-950SD vs. TS-850S vs. TS-950SDX

I have the QST reviews of the TS-950SD (Jan. 91), TS-850S (July 91),
TS-450S/690S (April 92) and TS-950SDX (Dec. 92) in front of me.
Based on the information in these reviews:

The TS-950SD is basically the TS-950S with the DSP module, TCXO and
four additional IF filters built-in, i.e. it's an easy field upgrade
from the 950S.

The TS-950SDX is really an entirely new radio. It is not possible to
upgrade from the SD to the SDX. The DSP is much more closely
integrated into the radio. The front panel is different (the photos
where you can't read the labels on the controls look about the same
but the user interface is improved). The sub-receiver is much
improved. The finals are FETs instead of bipolars as in the TS-950SD.

The receiver lab test performance numbers for the TS-950SDX (MDS,
blocking and IMD dynamic range) are not quite in the same class as
the TS-850S, TS-940S and TS-950S/950SD, though.

73,
Rich VE3KI

--- In TS-850_450_690@yahoogroups.com, "Samir Popaja"
<samir.popaja@...> wrote:
>
> Any website with the sales brochure?
>
> Thanks
>
> --- In TS-850_450_690@yahoogroups.com, "Dave VE3WEJ" <ve3wej@>
> wrote:
> >
> > best to download the sales brochure, but I beleive the sd can
NOT
> be upgraded to an sdx.....
> >
> > If I were to comnpare it with anything, I would say compare to
an
> 870 kenwood, because of the built in dsp, OR an 850 with the

dsp100
> option.
> >
> > oh, and internal power supply, as opposed to external...
> >
> >
> > ----- Original Message -----
> > From: Samir Popaja
> > To: TS-850_450_690@yahoogroups.com
> > Sent: Friday, September 29, 2006 2:59 AM
> > Subject: [TS-850_450_690] TS-950SD vs. TS-850S vs. TS-950SDX
> >
> >
> > Hello,<?xml:namespace prefix = o ns = "urn:schemas-microsoft-
> com:office:office" />
> >
> > I need some information about TS-950SD (Digital).
> >
> > It has 10590963 serial number, which year was it manufactured?
> >
> > Difference between TS-950SD and TS-950SDX?
> >
> > Can SD be upgrade to SDX?
> >
> > IS any difference in receiver performance between TS-950SD and
> TS-850S?
> >
> > I think that TS-850S has very good receiver, what about TS-
950SD.
> >
> > Thank You
> >
> > [Non-text portions of this message have been removed]
> >
> >
> >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>

[Non-text portions of this message have been removed]

5157. Re: TS-950SD vs. TS-850S vs. TS-950SDX

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-09-30 07:19:35 UTC
From: Samir Popaja
Topic: 5152 Message: 5157

Thank You Rich.

So, TS-950S/SD has better receiver then TS-950SDX. Is the TS-850S's receiver better choice for contests (my primary interest). I'm not really interesting or not needed to have sub receiver, but main receiver should be good for contesting.

DSP is not of interest either. I still trust the crystals filters.

Thanks

--- In TS-850_450_690@yahoogroups.com, "Richard Ferch" <ve3iay@...> wrote:
>
> I have the QST reviews of the TS-950SD (Jan. 91), TS-850S (July 91),
> TS-450S/690S (April 92) and TS-950SDX (Dec. 92) in front of me.
> Based on the information in these reviews:
>
> The TS-950SD is basically the TS-950S with the DSP module, TCXO and
> four additional IF filters built-in, i.e. it's an easy field upgrade
> from the 950S.
>
> The TS-950SDX is really an entirely new radio. It is not possible to
> upgrade from the SD to the SDX. The DSP is much more closely
> integrated into the radio. The front panel is different (the photos
> where you can't read the labels on the controls look about the same
> but the user interface is improved). The sub-receiver is much
> improved. The finals are FETs instead of bipolars as in the TS-950SD.
>
> The receiver lab test performance numbers for the TS-950SDX (MDS,
> blocking and IMD dynamic range) are not quite in the same class as
> the TS-850S, TS-940S and TS-950S/950SD, though.
>
> 73,
> Rich VE3KI
>
>
> --- In TS-850_450_690@yahoogroups.com, "Samir Popaja"
> <samir.popaja@> wrote:

> >
> > Any website with the sales brochure?
> >
> > Thanks
> >
> > --- In TS-850_450_690@yahoogroups.com, "Dave VE3WEJ" <ve3wej@>
> > wrote:
> > >
> > > best to download the sales brochure, but I beleive the sd can
> NOT
> > be upgraded to an sdx.....
> > >
> > > If I were to comnpare it with anything, I would say compare to
> an
> > 870 kenwood, because of the built in dsp, OR an 850 with the
> dsp100
> > option.
> > >
> > > oh, and internal power supply, as opposed to external...
> > >
> > >
> > > ----- Original Message -----
> > > From: Samir Popaja
> > > To: TS-850_450_690@yahoogroups.com
> > > Sent: Friday, September 29, 2006 2:59 AM
> > > Subject: [TS-850_450_690] TS-950SD vs. TS-850S vs. TS-950SDX
> > >
> > >
> > > Hello,<?xml:namespace prefix = o ns = "urn:schemas-microsoft-
> > com:office:office" />
> > >
> > > I need some information about TS-950SD (Digital).
> > >
> > > It has 10590963 serial number, which year was it
manufactured?
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> > > Difference between TS-950SD and TS-950SDX?
> > >
> > > Can SD be upgrade to SDX?
> > >
> > > IS any difference in receiver performance between TS-950SD
and
> > TS-850S?
> > >
> > > I think that TS-850S has very good receiver, what about TS-
> 950SD.
> > >
> > > Thank You
> > >
> > > [Non-text portions of this message have been removed]

> > >
> > >
> > >
> > >
> > >
> > > [Non-text portions of this message have been removed]
> > >
> >
>

5158. Re: [TS-850_450_690] Re: TS-950SD vs. TS-850S vs. TS-950SDX

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-09-30 17:16:53 UTC
From: Anthony W. DePrato WA4JQS
Topic: 5152 Message: 5158

>I have two ts 950sd's two ts 850sat's and two ts870sat's

the 850's and 950's i really can not tell much of a differance in the
rec. a kewood tech told me once the the 850 was the 950 with out a
build in supply. i do not know if he was right or not but. the 850 is
one of the best contest rigs i have used. i still like the 950 and
850 over the 870. as for the ts 2000 been there done that got rid of it.
73 Tony
ps
rich N8UX does mods and repairs on 850's he is on this list. you can
always ask him what he thinks

>

Anthony W. DePrato WA4JQS
QCWA # 23602 10X # 3621
A1-OP FISTS # 10573 VBA # 55 AMI # 1274
NCDXF # 1036 RNARS # 1309 SKCC # 1227
DXCC PHONE DXCC RTTY DXCC CW
Lis. 1962 Calls Held
VP8BZL VP8SSI 3Y0PI V31SS ZD8JQS
WA4JQS/ZS1 WA4JQS/4K1 WA4JQS/KC4

5159. RE: [TS-850_450_690] Re: TS-950SD vs. TS-850S vs. TS-950SDX

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-10-01 19:03:21 UTC
From: jaking
Topic: 5152 Message: 5159

While you may be reading reviews you need to remember the margin of error in the tests, is large.

The receiver lab test performance numbers for the TS-950SDX (MDS, blocking and IMD dynamic range) are very much better than the TS-850S, TS-940S and similar to TS-950S/950SD.

Read the 950sdx reviews on Eham.net.

Even the right 830s can hear better than current many top line radios.

Look at

http://www.sherweng.com/table.html

The receiver was little changed between the 950s and 950dx

I have an 950sdx along side a 940s. Both receivers have similar sensitivity, but the 950sdx has better close in signal rejection.

The DSP of the 950sdx is truly wonderful and it is very quiet.

Outboard DSP on a TS-940 gives similar performance.

Remember the 950sdx is now 13 years old, an still commands $2,000 or more on EBay.

Reason is it has a great receiver., and of course dual receivers which are important for contest operating

73s

ZL4AI

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com] On Behalf Of Richard Ferch
Sent: Saturday, 30 September 2006 9:51 a.m.
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] Re: TS-950SD vs. TS-850S vs. TS-950SDX

I have the QST reviews of the TS-950SD (Jan. 91), TS-850S (July 91), TS-450S/690S (April 92) and TS-950SDX (Dec. 92) in front of me. Based on the information in these reviews:

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The receiver lab test performance numbers for the TS-950SDX (MDS, blocking and IMD dynamic range) are not quite in the same class as the TS-850S, TS-940S and TS-950S/950SD, though.

73,
Rich VE3KI

--- In TS-850_450_690@ <mailto:TS-850_450_690%40yahoogroups.com> yahoogroups.com, "Samir Popaja"
<samir.popaja@...> wrote:
>
> Any website with the sales brochure?
>
> Thanks
>
> --- In TS-850_450_690@ <mailto:TS-850_450_690%40yahoogroups.com> yahoogroups.com, "Dave VE3WEJ" <ve3wej@>
> wrote:
> >
> > best to download the sales brochure, but I beleive the sd can NOT
> be upgraded to an sdx.....
> >
> > If I were to comnpare it with anything, I would say compare to an
> 870 kenwood, because of the built in dsp, OR an 850 with the dsp100
> option.
> >
> > oh, and internal power supply, as opposed to external...
> >
> >
> > ----- Original Message -----
> > From: Samir Popaja
> > To: TS-850_450_690@ <mailto:TS-850_450_690%40yahoogroups.com> yahoogroups.com
> > Sent: Friday, September 29, 2006 2:59 AM
> > Subject: [TS-850_450_690] TS-950SD vs. TS-850S vs. TS-950SDX
> >
> >
> > Hello,<?xml:namespace prefix = o ns = "urn:schemas-microsoft-
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> > I need some information about TS-950SD (Digital).
> >

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> > IS any difference in receiver performance between TS-950SD and
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> > I think that TS-850S has very good receiver, what about TS-
950SD.
> >
> > Thank You
> >
> > [Non-text portions of this message have been removed]
> >
> >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>

--
No virus found in this incoming message.
Checked by AVG Free Edition.
Version: 7.1.407 / Virus Database: 268.12.9/457 - Release Date: 26/09/2006

[Non-text portions of this message have been removed]

5160. Re: [Kenwood] WTB: Kenwood 8 pin mic

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-10-04 17:42:54 UTC
From: KD5SFA
Topic: 5160 Message: 5160

Yep...it's a great rig !!

I'm going to make an adapter for my Astatic
DA 10 I have so I can use it on the 850 as
well as the 830s. I may be able to use it on
the 660 too. That would sound pretty good on
6m...

73,
Jon
KD5SFA

-----Original Message-----
>From: John Geiger <johngeig@...>
>Sent: Oct 4, 2006 1:03 PM
>To: ts-850_450_690@yahoogroups.com, kenwood@...
>Subject: [Kenwood] WTB: Kenwood 8 pin mic
>
>I just picked up a used Kenwood TS850 (supposed to be
>here Friday) which didn't come with a hand mic, so I
>am looking for one. Anyone have an extra hand mic for
>sale?
>
>Also, is the TS850 as good as all of the reviews I
>have read? Make it sound like an excellent rig.
>
>73s John W5TD
>
>_____
>Do You Yahoo!?
>Tired of spam? Yahoo! Mail has the best spam protection around
>http://mail.yahoo.com
>_____
>Kenwood mailing list
>Home: http://mailman.qth.net/mailman/listinfo/kenwood
>Help: http://mailman.qth.net/mmfaq.html
>Post: mailto:Kenwood@...

5161. WTB: Kenwood 8 pin mic

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-10-04 17:03:16 UTC
From: John Geiger
Topic: 5161 Message: 5161

I just picked up a used Kenwood TS850 (supposed to be here Friday) which didn't come with a hand mic, so I am looking for one. Anyone have an extra hand mic for sale?

Also, is the TS850 as good as all of the reviews I have read? Make it sound like an excellent rig.

73s John W5TD

_____
Do You Yahoo!?
Tired of spam? Yahoo! Mail has the best spam protection around
http://mail.yahoo.com

5162. TS850 and DRU2 question

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-10-04 17:17:28 UTC
From: John Geiger
Topic: 5162 Message: 5162

Can the Kenwood TS850 also use the DRU3A or only the
DRU2 voice recorder? And do you have to have the DRU2
installed for CW memories, or is the memory keyer
separate? Some of the reviews on the rig have been
unclear on this point.

73s John W5TD

Do You Yahoo!?
Tired of spam? Yahoo! Mail has the best spam protection around
http://mail.yahoo.com

5163. Re: WTB: Kenwood 8 pin mic

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-10-04 19:06:16 UTC
From: max_ve3tmt
Topic: 5161 Message: 5163

--- In TS-850_450_690@yahoogroups.com, John Geiger <johngeig@...> wrote:

> Also, is the TS850 as good as all of the reviews I
> have read?

In a word John....YES.

Too bad Kenwood stopped making them.

Max

5164. Does my 850 have a problem?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-10-04 20:08:11 UTC
From: Bob Snelgrove
Topic: 5160 Message: 5164

Hi Guys,

I fired up the 850 after a few months of not using it. I only have a dipole antenna and usually listen to 40 meters and sometimes 20 meters. At first I thought the bands were dead but after 2 weeks, I only get a solid S9 of noise and occasionally a weak signal buried in the mud. When I tune the antenna, I get a quick,perfect swr 1, so I don't think it's the antenna. My rig hasn't moved and nothing has changed in the room/house. I'm in San Jose, Ca. and usually get lot's of activity. Are the bands dead or do I have a problem?

thx

bob

KG6TBY

5165. Re: [TS-850_450_690] TS850 and DRU2 question

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-10-04 21:21:15 UTC
From: Dave VE3WEJ
Topic: 5162 Message: 5165

This info is in the manual and brochures . If you do NOT have a manual, I could look it up, I forgot which I installed in mine....

----- Original Message -----
From: John Geiger
To: ts-850_450_690@yahoogroups.com ; kenwood@...
Sent: Wednesday, October 04, 2006 1:17 PM
Subject: [TS-850_450_690] TS850 and DRU2 question

Can the Kenwood TS850 also use the DRU3A or only the
DRU2 voice recorder? And do you have to have the DRU2
installed for CW memories, or is the memory keyer
separate? Some of the reviews on the rig have been
unclear on this point.

73s John W5TD

_____
Do You Yahoo!?
Tired of spam? Yahoo! Mail has the best spam protection around
http://mail.yahoo.com

[Non-text portions of this message have been removed]

5166. Re: [TS-850_450_690] Does my 850 have a problem?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-10-04 21:17:58 UTC
From: Dave VE3WEJ
Topic: 5160 Message: 5166

They have had there moments, but the bands have popped in and out quite frequently....

noise level could be something local..
----- Original Message -----
From: Bob Snelgrove
To: TS-850_450_690@yahoogroups.com
Sent: Wednesday, October 04, 2006 4:08 PM
Subject: [TS-850_450_690] Does my 850 have a problem?

Hi Guys,

I fired up the 850 after a few months of not using it. I only have a dipole antenna and usually listen to 40 meters and sometimes 20 meters. At first I thought the bands were dead but after 2 weeks, I only get a solid S9 of noise and occasionally a weak signal buried in the mud. When I tune the antenna, I get a quick,perfect swr 1, so I don't think it's the antenna. My rig hasn't moved and nothing has changed in the room/house. I'm in San Jose, Ca. and usually get lot's of activity. Are the bands dead or do I have a problem?

thx

bob

KG6TBY

[Non-text portions of this message have been removed]

5167. Re: TS850 and DRU2 question

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-10-04 23:52:21 UTC
From: Richard Ferch
Topic: 5162 Message: 5167

The CW memories work without the DRU-2. You must have the rear panel switch set to electronic keyer. The manual says you need a DRU-2 to do this, but they work on my TS-850 (S/N 70xxxxxx) which does not have a DRU-2 installed.

My manual only mentions the DRU-2, not the DRU-3A.

73,
Rich VE3KI

--- In TS-850_450_690@yahoogroups.com, John Geiger <johngeig@...> wrote:
>
> Can the Kenwood TS850 also use the DRU3A or only the
> DRU2 voice recorder? And do you have to have the DRU2
> installed for CW memories, or is the memory keyer
> separate? Some of the reviews on the rig have been
> unclear on this point.
>
> 73s John W5TD
>
> _____
> Do You Yahoo!?
> Tired of spam? Yahoo! Mail has the best spam protection around
> http://mail.yahoo.com
>

5168. RE: [TS-850_450_690] WTB: Kenwood 8 pin mic

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-10-05 03:47:23 UTC
From: Steve Gehring
Topic: 5161 Message: 5168

Hi John,

It☐s good to see you pop-up on occasion. Yes, the TS-850S is as good as everyone says. If you latch on to a good one, please hang on to it and keep it running. The receiver in this "pinnacle of analog technology" really is something to behold. The receiver is extra sensitive ☐ too sensitive most of the time. I use the AIP or 6 or 12 db of attenuation, as well as the RG gain control most of the time ☐ especially on the low bands. Its selectivity and slope tuning capabilities, with optional installed INRAD filters, is as good as anything out there, with the exception of the latest rigs with analog roofing and IF filters, and DSP technology, such as the ORION and FTDX series, and the IC-7800.

It☐s quite possible the new FT-2000 may give the receiver in the 850 a run for the money, but I seriously doubt it. Even though, I☐d love to be able to afford one sometime soon. I might be moving back to the lower forty-eight, maybe we could hook up then?

73,

Steve Gehring, NL7W
Ex: NT0J and N0EYO

-----Original Message-----
From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of John Geiger
Sent: Wednesday, October 04, 2006 9:03 AM
To: ts-850_450_690@yahoogroups.com; kenwood@...
Subject: [TS-850_450_690] WTB: Kenwood 8 pin mic

I just picked up a used Kenwood TS850 (supposed to be
here Friday) which didn't come with a hand mic, so I
am looking for one. Anyone have an extra hand mic for
sale?

Also, is the TS850 as good as all of the reviews I
have read? Make it sound like an excellent rig.

73s John W5TD

Do You Yahoo!?
Tired of spam? Yahoo! Mail has the best spam protection around
http://mail.yahoo.com

--
No virus found in this outgoing message.

Checked by AVG Free Edition.
Version: 7.1.405 / Virus Database: 268.12.13/463 - Release Date: 10/4/2006

5169. Re: [TS-850_450_690] Does my 850 have a problem?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-10-05 05:30:37 UTC
From: Paul
Topic: 5160 Message: 5169

ck the antenna attenuator, if switched on
Recently I had the same problem , but on 21 Mhz. It was propagation. I am using a 40 m delta loop, and on 15m it is quite directional, east west. As most signals arrive north-west, I thought I had something wrong with the rx.

Paul

Dave VE3WEJ <ve3wej@...> wrote:
They have had there moments, but the bands have popped in and out quite frequently....

noise level could be something local..
----- Original Message -----
From: Bob Snelgrove
To: TS-850_450_690@yahoogroups.com
Sent: Wednesday, October 04, 2006 4:08 PM
Subject: [TS-850_450_690] Does my 850 have a problem?

Hi Guys,

I fired up the 850 after a few months of not using it. I only have a dipole antenna and usually listen to 40 meters and sometimes 20 meters. At first I thought the bands were dead but after 2 weeks, I only get a solid S9 of noise and occasionally a weak signal buried in the mud. When I tune the antenna, I get a quick,perfect swr 1, so I don't think it's the antenna. My rig hasn't moved and nothing has changed in the room/house. I'm in San Jose, Ca. and usually get lot's of activity. Are the bands dead or do I have a problem?

thx

bob

KG6TBY

[Non-text portions of this message have been removed]

Get your email and more, right on the new Yahoo.com

[Non-text portions of this message have been removed]

5170. Re: [TS-850_450_690] Does my 850 have a problem?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-10-05 14:18:05 UTC
From: Bob Snelgrove
Topic: 5160 Message: 5170

How do I check my antenna (for noise) besides doing a SWR test? It's a
dipole made from 12 gauge wire that just lays on my roof.

thx

bob

----- Original Message -----
From: "Paul" <malti7388@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Wednesday, October 04, 2006 10:30 PM
Subject: Re: [TS-850_450_690] Does my 850 have a problem?

> ck the antenna attenuator, if switched on
> Recently I had the same problem , but on 21 Mhz. It was propagation. I am
> using a 40 m delta loop, and on 15m it is quite directional, east west. As
> most signals arrive north-west, I thought I had something wrong with the
> rx.
>
> Paul
>
> Dave VE3WEJ <ve3wej@...> wrote:
> They have had there moments, but the bands have popped in and out
> quite frequently....
>
> noise level could be something local..
> ----- Original Message -----
> From: Bob Snelgrove
> To: TS-850_450_690@yahoogroups.com
> Sent: Wednesday, October 04, 2006 4:08 PM
> Subject: [TS-850_450_690] Does my 850 have a problem?
>
> Hi Guys,
>
> I fired up the 850 after a few months of not using it. I only have a
> dipole
> antenna and usually listen to 40 meters and sometimes 20 meters. At first
> I
> thought the bands were dead but after 2 weeks, I only get a solid S9 of
> noise and occasionally a weak signal buried in the mud. When I tune the
> antenna, I get a quick,perfect swr 1, so I don't think it's the antenna.
> My
> rig hasn't moved and nothing has changed in the room/house. I'm in San
> Jose, Ca. and usually get lot's of activity. Are the bands dead or do I
> have a problem?
>

> thx
>
> bob
>
> KG6TBY
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> [Non-text portions of this message have been removed]
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> ---------------------------------
> Get your email and more, right on the new Yahoo.com
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> [Non-text portions of this message have been removed]
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> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
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5171. Re: [TS-850_450_690] Does my 850 have a problem?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-10-05 14:04:32 UTC
From: Bob Snelgrove
Topic: 5160 Message: 5171

Not that, still a solid S9 of noise on 40 meters. Maybe it is local noise.
If so, is there anythingI can do? Move? :)

bob

----- Original Message -----
From: "Paul" <malti7388@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Wednesday, October 04, 2006 10:30 PM
Subject: Re: [TS-850_450_690] Does my 850 have a problem?

> ck the antenna attenuator, if switched on
> Recently I had the same problem , but on 21 Mhz. It was propagation. I am
> using a 40 m delta loop, and on 15m it is quite directional, east west. As
> most signals arrive north-west, I thought I had something wrong with the
> rx.
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> Paul
>
> Dave VE3WEJ <ve3wej@...> wrote:
> They have had there moments, but the bands have popped in and out
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> noise level could be something local..
> ----- Original Message -----
> From: Bob Snelgrove
> To: TS-850_450_690@yahoogroups.com
> Sent: Wednesday, October 04, 2006 4:08 PM
> Subject: [TS-850_450_690] Does my 850 have a problem?
>
> Hi Guys,
>
> I fired up the 850 after a few months of not using it. I only have a
> dipole
> antenna and usually listen to 40 meters and sometimes 20 meters. At first
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> thought the bands were dead but after 2 weeks, I only get a solid S9 of
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> antenna, I get a quick,perfect swr 1, so I don't think it's the antenna.
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> rig hasn't moved and nothing has changed in the room/house. I'm in San
> Jose, Ca. and usually get lot's of activity. Are the bands dead or do I
> have a problem?
>
> thx
>

> bob
>
> KG6TBY
>
> [Non-text portions of this message have been removed]
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> Get your email and more, right on the new Yahoo.com
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> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
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5172. Re: [TS-850_450_690] Does my 850 have a problem?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-10-05 16:01:28 UTC
From: KD5SFA
Topic: 5160 Message: 5172

When I lived in the city the noise floor was always
S9 to S9+40. When I moved to a rural area the
noise floor dropped to S0 - S2....

When I work weak stations the S meter sits on S0
and barely moves if at all when making a contact
but the QSO is still clear above the noise.

73,
Jon
KD5SFA

-----Original Message-----
>From: Bob Snelgrove <bob@...>
>Sent: Oct 5, 2006 9:04 AM
>To: TS-850_450_690@yahoogroups.com
>Subject: Re: [TS-850_450_690] Does my 850 have a problem?
>
>Not that, still a solid S9 of noise on 40 meters. Maybe it is local noise.
>If so, is there anythingI can do? Move? :)
>
>
>
>bob
>
>
>----- Original Message -----
>From: "Paul" <malti7388@...>
>To: <TS-850_450_690@yahoogroups.com>
>Sent: Wednesday, October 04, 2006 10:30 PM
>Subject: Re: [TS-850_450_690] Does my 850 have a problem?
>
>
>> ck the antenna attenuator, if switched on
>> Recently I had the same problem , but on 21 Mhz. It was propagation. I am
>> using a 40 m delta loop, and on 15m it is quite directional, east west. As
>> most signals arrive north-west, I thought I had something wrong with the
>> rx.
>>
>> Paul
>>
>> Dave VE3WEJ <ve3wej@...> wrote:
>> They have had there moments, but the bands have popped in and out
>> quite frequently....
>>
>> noise level could be something local..

>> ----- Original Message -----
>> From: Bob Snelgrove
>> To: TS-850_450_690@yahoogroups.com
>> Sent: Wednesday, October 04, 2006 4:08 PM
>> Subject: [TS-850_450_690] Does my 850 have a problem?
>>
>> Hi Guys,
>>
>> I fired up the 850 after a few months of not using it. I only have a
>> dipole
>> antenna and usually listen to 40 meters and sometimes 20 meters. At first
>> I
>> thought the bands were dead but after 2 weeks, I only get a solid S9 of
>> noise and occasionally a weak signal buried in the mud. When I tune the
>> antenna, I get a quick,perfect swr 1, so I don't think it's the antenna.
>> My
>> rig hasn't moved and nothing has changed in the room/house. I'm in San
>> Jose, Ca. and usually get lot's of activity. Are the bands dead or do I
>> have a problem?
>>
>> thx
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>> bob
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>> KG6TBY
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>> [Non-text portions of this message have been removed]
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>> ---------------------------------
>> Get your email and more, right on the new Yahoo.com
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>> [Non-text portions of this message have been removed]
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>> THANKS FOR USING TS-850_450_690@...
>> Yahoo! Groups Links
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>THANKS FOR USING TS-850_450_690@...
>Yahoo! Groups Links
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5173. Re: [TS-850_450_690] Does my 850 have a problem?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-10-05 17:14:16 UTC
From: Paul
Topic: 5160 Message: 5173

The TS850 has no input mains filter. Sometimes the local QRN is so high that it masks most signals. This has happened to me. I have fitted a mains filter, salvaged from an old tv, consisting of a ferrite ring and two caps. The two ferrites connected between the rig and psu is not enough to kill most qrn !

Paul
9H1FQ

KD5SFA <divenut1@...> wrote:
When I lived in the city the noise floor was always
S9 to S9+40. When I moved to a rural area the
noise floor dropped to S0 - S2....

When I work weak stations the S meter sits on S0
and barely moves if at all when making a contact
but the QSO is still clear above the noise.

73,
Jon
KD5SFA

-----Original Message-----
>From: Bob Snelgrove <bob@...>
>Sent: Oct 5, 2006 9:04 AM
>To: TS-850_450_690@yahoogroups.com
>Subject: Re: [TS-850_450_690] Does my 850 have a problem?
>
>Not that, still a solid S9 of noise on 40 meters. Maybe it is local noise.
>If so, is there anythingI can do? Move? :)
>
>
>
>bob
>
>
>----- Original Message -----
>From: "Paul" <malti7388@...>
>To: <TS-850_450_690@yahoogroups.com>
>Sent: Wednesday, October 04, 2006 10:30 PM
>Subject: Re: [TS-850_450_690] Does my 850 have a problem?
>
>
>
>> ck the antenna attenuator, if switched on
>> Recently I had the same problem , but on 21 Mhz. It was propagation. I am
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>> most signals arrive north-west, I thought I had something wrong with the

>> rx.
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>> Paul
>>
>> Dave VE3WEJ <ve3wej@...> wrote:
>> They have had there moments, but the bands have popped in and out
>> quite frequently....
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>> noise level could be something local..
>> ----- Original Message -----
>> From: Bob Snelgrove
>> To: TS-850_450_690@yahoogroups.com
>> Sent: Wednesday, October 04, 2006 4:08 PM
>> Subject: [TS-850_450_690] Does my 850 have a problem?
>>
>> Hi Guys,
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>> bob
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>> KG6TBY
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>> [Non-text portions of this message have been removed]
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>> ---------------------------------
>> Get your email and more, right on the new Yahoo.com
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>> THANKS FOR USING TS-850_450_690@...
>> Yahoo! Groups Links
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>THANKS FOR USING TS-850_450_690@...
>Yahoo! Groups Links
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Stay in the know. Pulse on the new Yahoo.com. Check it out.

[Non-text portions of this message have been removed]

5174. Re: [TS-850_450_690] Does my 850 have a problem?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-10-05 20:37:40 UTC
From: Bob Snelgrove
Topic: 5160 Message: 5174

OK, that does it. I'm moving :)

bob

----- Original Message -----
From: Paul
To: TS-850_450_690@yahoogroups.com
Sent: Thursday, October 05, 2006 10:14 AM
Subject: Re: [TS-850_450_690] Does my 850 have a problem?

The TS850 has no input mains filter. Sometimes the local QRN is so high that it masks most signals. This has happened to me. I have fitted a mains filter, salvaged from an old tv, consisting of a ferrite ring and two caps. The two ferrites connected between the rig and psu is not enough to kill most qrn !

Paul
9H1FQ

KD5SFA <divenut1@...> wrote:
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and barely moves if at all when making a contact
but the QSO is still clear above the noise.

73,
Jon
KD5SFA

-----Original Message-----
>From: Bob Snelgrove <bob@...>
>Sent: Oct 5, 2006 9:04 AM
>To: TS-850_450_690@yahoogroups.com
>Subject: Re: [TS-850_450_690] Does my 850 have a problem?
>
>Not that, still a solid S9 of noise on 40 meters. Maybe it is local noise.
>If so, is there anythingI can do? Move? :)
>
>
>
>bob
>
>
>----- Original Message -----
>From: "Paul" <malti7388@...>

>To: <TS-850_450_690@yahoogroups.com>
>Sent: Wednesday, October 04, 2006 10:30 PM
>Subject: Re: [TS-850_450_690] Does my 850 have a problem?
>
>
>> ck the antenna attenuator, if switched on
>> Recently I had the same problem , but on 21 Mhz. It was propagation. I am
>> using a 40 m delta loop, and on 15m it is quite directional, east west. As
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>> Paul
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>> Dave VE3WEJ <ve3wej@...> wrote:
>> They have had there moments, but the bands have popped in and out
>> quite frequently....
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>> ----- Original Message -----
>> From: Bob Snelgrove
>> To: TS-850_450_690@yahoogroups.com
>> Sent: Wednesday, October 04, 2006 4:08 PM
>> Subject: [TS-850_450_690] Does my 850 have a problem?
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>> Hi Guys,
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>> My
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>> thx
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>> bob
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>> KG6TBY
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>> [Non-text portions of this message have been removed]
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>> ---------------------------------
>> Get your email and more, right on the new Yahoo.com
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>> [Non-text portions of this message have been removed]
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>> THANKS FOR USING TS-850_450_690@...
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Stay in the know. Pulse on the new Yahoo.com. Check it out.

[Non-text portions of this message have been removed]

THANKS FOR USING TS-850_450_690@...
Yahoo! Groups Links

[Non-text portions of this message have been removed]

5175. FI-7000 band change

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-10-06 16:43:06 UTC
From: cubpack355
Topic: 5175 Message: 5175

Karl,
Did you ever get your 850 to 7000 solution?

5176. TS850 and autotuner

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-10-07 20:07:37 UTC
From: John Geiger
Topic: 5176 Message: 5176

I got the TS850 I recently ordered in yesterday (used, of course) and the autotuner doesn't seem to be operating as the manual states it should. It will load up antennas-better than most autotuners I have seen, but it won't stop tuning once it has found a good match. It will continue to tune and eventually start sending 5 dits.

What am I missing here? I can get it to stop tuning once it has a good match by pushing the AT Tune button again, but it won't remember the match when I change bands and come back again. I checked the hidden menu functions (power on while pushing TX-MEM and SCAN) and it is set to stop tuning when it has found a match.

Anyone have a solution to this deal?

73s john W5TD

P.S very good receiver on this rig. I am impressed so far.

_____
Do You Yahoo!?
Tired of spam? Yahoo! Mail has the best spam protection around
http://mail.yahoo.com

5177. Re: [TS-850_450_690] TS850 and autotuner

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-10-07 21:25:20 UTC
From: Zack Widup
Topic: 5176 Message: 5177

Hi John,

Make sure you have the power cranked up a ways. The tuner will act haywire if you aren't running enough power through it.

If that's not the problem, it's probably more serious. I'm assuming your antenna should be within range of the tuning? My 40m dipole won't tune on 160 but I expected that. :-)

73, Zack W9SZ

On Sat, 7 Oct 2006, John Geiger wrote:

> I got the TS850 I recently ordered in yesterday (used,
> of course) and the autotuner doesn't seem to be
> operating as the manual states it should. It will
> load up antennas-better than most autotuners I have
> seen, but it won't stop tuning once it has found a
> good match. It will continue to tune and eventually
> start sending 5 dits.
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> What am I missing here? I can get it to stop tuning
> once it has a good match by pushing the AT Tune button
> again, but it won't remember the match when I change
> bands and come back again. I checked the hidden menu
> functions (power on while pushing TX-MEM and SCAN) and
> it is set to stop tuning when it has found a match.
>
> Anyone have a solution to this deal?
>
> 73s john W5TD
>
> P.S very good receiver on this rig. I am impressed so
> far.
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> ---
> Do You Yahoo!?
> Tired of spam? Yahoo! Mail has the best spam protection around
> http://mail.yahoo.com
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>

5178. Re: {Spam?} [TS-850_450_690] TS850 and autotuner

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-10-07 23:50:07 UTC
From: John Kuklewicz N7ZN
Topic: 5176 Message: 5178

There is a function in the extended function menu that
puts the tuner into non-stop mode. Cannot see why anyone
would want to do this, except maybe for testing.

To access this extended function menu, press SCAN and
TX-M.CH and power up the radio.

The M.CH/VFO CH knob scroll through the 8 functions in
this menu.

You want menu item 03. Set it to OFF.

Hope this helps.

vy 73;

John N7ZN

John Geiger wrote:
> I got the TS850 I recently ordered in yesterday (used,
> of course) and the autotuner doesn't seem to be
> operating as the manual states it should. It will
> load up antennas-better than most autotuners I have
> seen, but it won't stop tuning once it has found a
> good match. It will continue to tune and eventually
> start sending 5 dits.
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> What am I missing here? I can get it to stop tuning
> once it has a good match by pushing the AT Tune button
> again, but it won't remember the match when I change
> bands and come back again. I checked the hidden menu
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> it is set to stop tuning when it has found a match.
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> 73s john W5TD
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> P.S very good receiver on this rig. I am impressed so
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> _____
> Do You Yahoo!?
> Tired of spam? Yahoo! Mail has the best spam protection around
> http://mail.yahoo.com

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> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
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5179. Re: {Spam?} [TS-850_450_690] TS850 and autotuner

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-10-08 00:02:50 UTC
From: John Geiger
Topic: 5176 Message: 5179

Hi John,

THanks for the info. ALready tried that, and it was
set correctly. Someone on the Kenwood list mentioned
that the CAR control needed to be fully clockwise.
Tried that and it now works!!

73s John W5TD

--- John Kuklewicz N7ZN <kukl@...> wrote:

> There is a function in the extended function menu
> that
> puts the tuner into non-stop mode. Cannot see why
> anyone
> would want to do this, except maybe for testing.
>
> To access this extended function menu, press SCAN
> and
> TX-M.CH and power up the radio.
>
> The M.CH/VFO CH knob scroll through the 8 functions
> in
> this menu.
>
> You want menu item 03. Set it to OFF.
>
> Hope this helps.
>
> vy 73;
>
> John N7ZN
>
> John Geiger wrote:
> > I got the TS850 I recently ordered in yesterday
> (used,
> > of course) and the autotuner doesn't seem to be
> > operating as the manual states it should. It will
> > load up antennas-better than most autotuners I
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> > seen, but it won't stop tuning once it has found a
> > good match. It will continue to tune and
> eventually
> > start sending 5 dits.
> >
> > What am I missing here? I can get it to stop

> tuning
> > once it has a good match by pushing the AT Tune
> button
> > again, but it won't remember the match when I
> change
> > bands and come back again. I checked the hidden
> menu
> > functions (power on while pushing TX-MEM and SCAN)
> and
> > it is set to stop tuning when it has found a
> match.
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> > Anyone have a solution to this deal?
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> > 73s john W5TD
> >
> > P.S very good receiver on this rig. I am
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> > _____
> > Do You Yahoo!?
> > Tired of spam? Yahoo! Mail has the best spam
> protection around
> > http://mail.yahoo.com
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> >
> > THANKS FOR USING TS-850_450_690@...
> > Yahoo! Groups Links
> >
> > (Yahoo! ID required)
> >
> mailto:TS-850_450_690-fullfeatured@yahoogroups.com
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Do You Yahoo!?
Tired of spam? Yahoo! Mail has the best spam protection around
http://mail.yahoo.com

5180. Re: TS850 and autotuner

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-10-08 02:44:20 UTC
From: Clif
Topic: 5176 Message: 5180

--- In TS-850_450_690@yahoogroups.com, John Geiger <johngeig@...> wrote:
>
> I got the TS850 I recently ordered in yesterday (used,
> of course) and the autotuner doesn't seem to be
> operating as the manual states it should. It will
> load up antennas-better than most autotuners I have
> seen, but it won't stop tuning once it has found a
> good match. It will continue to tune and eventually
> start sending 5 dits.
>
> What am I missing here? I can get it to stop tuning
> once it has a good match by pushing the AT Tune button
> again, but it won't remember the match when I change
> bands and come back again. I checked the hidden menu
> functions (power on while pushing TX-MEM and SCAN) and
> it is set to stop tuning when it has found a match.
>
> Anyone have a solution to this deal?
>
> 73s john W5TD

Define a "good match" it's set to stop at 1.2-1. If it's not getting
that low it's not happy and won't stop. What does it do into a dummy
load? It should be almost instantaneous.

Clif
>
> P.S very good receiver on this rig. I am impressed so
> far.
>
>
>
> _____
> Do You Yahoo!?
> Tired of spam? Yahoo! Mail has the best spam protection around
> http://mail.yahoo.com
>

5181. Re: TS850 and autotuner

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-10-08 12:27:40 UTC
From: J.Alexander Tschapka
Topic: 5176 Message: 5181

Hi
I have the same problem, switch off in hidden menu, car key fully clockwise etc. everything done.
Sometimes it hepls, if I enable manual tuning in menu 20, then tunig manual, after then automatic tuning enabled, the tuner switch off, such as the motors of the tuner do not find the end position, in automatic mode there is an anoying rrr rrr rrr, the SWR at this time is better 1:1.3.
Any ideas
73 Alex
---
http://www.qrz.com/callsign.html?callsign=oe3jtb

[Non-text portions of this message have been removed]

5182. Re: [TS-850_450_690] TS850 and autotuner

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-10-08 04:55:17 UTC
From: Paul
Topic: 5176 Message: 5182

The auto tuner of the ts850 has a limited range of impedances that it can tune to, only up to 150 ohms. It all depends on your antenna system.

Paul
9H1FQ

John Geiger <johngeig@...> wrote:
I got the TS850 I recently ordered in yesterday (used,
of course) and the autotuner doesn't seem to be
operating as the manual states it should. It will
load up antennas-better than most autotuners I have
seen, but it won't stop tuning once it has found a
good match. It will continue to tune and eventually
start sending 5 dits.

What am I missing here? I can get it to stop tuning
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again, but it won't remember the match when I change
bands and come back again. I checked the hidden menu
functions (power on while pushing TX-MEM and SCAN) and
it is set to stop tuning when it has found a match.

Anyone have a solution to this deal?

73s john W5TD

P.S very good receiver on this rig. I am impressed so
far.

Do You Yahoo!?
Tired of spam? Yahoo! Mail has the best spam protection around
http://mail.yahoo.com

Talk is cheap. Use Yahoo! Messenger to make PC-to-Phone calls. Great rates starting at 1¢/min.

[Non-text portions of this message have been removed]

5183. TS-850 Filter Alignment Fun

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-10-08 23:13:12 UTC
From: Dave
Topic: 5138 Message: 5183

Hi -

My TS-850 has an odd problem with the filters on CW. When cycling the 8.83 and 455 filter settings from 2.7 to 500, the passed audio frequency shifts.

I captured this in a Digipan waterfall and posted a picture at http://www.zievid.com/850Test2.GIF. You can see how the passband shifts with both set to 500. The middle section has 2.7 selected for 8.83, and 500 for the 455 IF. The bottom shows both at 2.7.

This doesn't seem right. I assume my CW sidetone/offset isn't changing, so this passband shouldn't be shifting around. On some bands it seems CW reception is excessively narrow.

The filters I have are:
YK-88C-1
YK-88SN-1
YG-455CN-1

The switch settings under the top panel are 'on' for 1, 3 and 4.

Any ideas on what's wrong? Is it possible to align the filters better?

Thanks,
- Dave
W6OT

5184. Re: [TS-850_450_690] TS-850 Filter Alignment Fun

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-10-09 06:52:34 UTC
From: Ole
Topic: 5138 Message: 5184

Dave skrev:
> Hi -
>
> My TS-850 has an odd problem with the filters on CW. When cycling the
> 8.83 and 455 filter settings from 2.7 to 500, the passed audio frequency
> shifts.
>
> I captured this in a Digipan waterfall and posted a picture at
> http://www.zievid.com/850Test2.GIF. You can see how the passband shifts
> with both set to 500. The middle section has 2.7 selected for 8.83,
> and 500 for the 455 IF. The bottom shows both at 2.7.
>
> This doesn't seem right. I assume my CW sidetone/offset isn't changing,
> so this passband shouldn't be shifting around. On some bands it seems
> CW reception is excessively narrow.
>
> The filters I have are:
> YK-88C-1
> YK-88SN-1
> YG-455CN-1
>
> The switch settings under the top panel are 'on' for 1, 3 and 4.
>
> Any ideas on what's wrong? Is it possible to align the filters better?
>
> Thanks,
> - Dave
> W6OT
>
>
>
> Hello!
>

I believe your 455 filter is 270hz bandwith and that could be the reason.
>
>

--
med venlig hilsen/regards

Ole Lundsgaard
(oz2ql)

5185. DRU -2 (TS850 SAT) and INRAD filters

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-10-09 19:52:19 UTC
From: yo4fko_cqdx
Topic: 5185 Message: 5185

Looking for DRU-2 for (TS 850 SAT);
Also looking for any optional filters INRAD 94 (2,1khz- IF 8.8 Mhz) SSB, INRAD 104 (400 Hz - IF 8,8 Mhz) CW ,mainly ,and for the second filter : INRAD 96 (2100 Khz - IF 455 Khz) SSB. Thanks 73`s !
Call EchoLink (YO4FKO-L)or e-mail yo4fko_cqdx@...

5186. psk interface for 850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-10-12 00:58:45 UTC
From: yash@aol.com
Topic: 5186 Message: 5186

Hi
decided to run psk and maybe some other digital modes on my 850. Is there a interface that does not use the mic connector,but uses one of the din jacks on the rear of the rig. I noticed most of the infaces that connect via the mic and have provision for switching etc are all 150-200.00. If one of you guys are doing what I want to do and doing it thru the rear connection, please enlighten me as to what your using. Also what is one of the better performing psk31 software programs. Grateful for any help on this,don't want to reinvent the wheel.
thanks
dale wt4t

_____
Check out the new AOL. Most comprehensive set of free safety and security tools, free access to millions of high-quality videos from across the web, free AOL Mail and more.

[Non-text portions of this message have been removed]

5187. Re: [TS-850_450_690] psk interface for 850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-10-12 01:21:03 UTC
From: dave@zievid.com
Topic: 5186 Message: 5187

Hi Dale -

I built a "breakout box" for the TS-850 back connector and put in jacks to feed audio to and from a laptop.

The circuit uses two 1:1 transformers for isolation and have an attenuator to adjust the levels. You can see a variety of circuits like this at http://www.qsl.net/wm2u/interface.html

Digipan is one of the most popular PSK software. It works well and the price is right (free).

With that interface, you can use PSK, SSTV, RTTY and other digital modes with various software.

Hope this helps,
- Dave
W6OT

> Hi
> decided to run psk and maybe some other digital modes on my 850. Is there
> a interface that does not use the mic connector,but uses one of the din
> jacks on the rear of the rig. I noticed most of the infaces that connect
> via the mic and have provision for switching etc are all 150-200.00. If
> one of you guys are doing what I want to do and doing it thru the rear
> connection, please enlighten me as to what your using. Also what is one
> of the better performing psk31 software programs. Grateful for any help
> on this,don't want to reinvent the wheel.
> thanks
> dale wt4t
>
> _____
> Check out the new AOL. Most comprehensive set of free safety and security
> tools, free access to millions of high-quality videos from across the web,
> free AOL Mail and more.
>
>
> [Non-text portions of this message have been removed]
>
>

5188. Re: [TS-850_450_690] psk interface for 850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-10-12 01:44:27 UTC
From: Anthony W. DePrato
Topic: 5186 Message: 5188

Dale:
check the help or interface files on any of the psk or rtty software you can download for free. they have the parts an layout for the interface you want. it goes into the Din on the back of the 850. will cost you about 12.00 in parts 20.00 at the most. i have build a dozen of these in a 25 pin serial cable connector or you can put it in an 2x2 box.
just about every program i have seen has this info. or there is a webpage forgot what the address is but you can do a google search for psk/rtty interfaces.
good luck
73 Tony

QBE ZUT DE WA4JQS

ANTHONY W. (Tony) DePrato WA4JQS EXTRA - HEAVY
Since 1962
CQ DX HALL OF FAME # 35
A1-OP FISTS # 10573 SKCC #1227
South Sandwich Island Dxpedition Group
CALLS HELD:
WA4JQS/ZS1, WA4JQS/KC4, WA4JQS/4K1
ZD8JQS, V31SS,
VP8BZL, VP8SSI, 3Y0PI

[Non-text portions of this message have been removed]

5189. Re: psk interface for 850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-10-12 01:54:17 UTC
From: Richard Ferch
Topic: 5186 Message: 5189

For sound card digital modes, the 13-pin DIN ACC2 jack on the back of the radio supplies all of the inputs and outputs needed.

If you already have your radio interfaced for computer control via ACC1, the only connections you need are audio in and out (you can do PTT by computer command). I operated sound-card digital modes for several years and made several thousand AFSK RTTY and other digital mode contacts using only a pair of audio patch cables with mini-stereo phone plugs at the computer end wired to a 13-pin DIN plug for the radio. Those 13-pin DIN plugs are awful things to solder to, though.

If you also want hardware PTT from a serial port, the Buxcomm Rascal interface with the KW13RYR cable connects to ACC2. If you don't have a spare serial port, they also sell a model with a USB interface.

One tip: many 13-pin DIN plugs don't seem to quite fit ACC2. The problem is the shell, not the pins. If you remove the top half of the shell (these plugs generally have a shell made from two semi-cylindrical pieces of sheet metal), the plug goes on a lot more easily.

As for software, I prefer MixW, but it's not free. MultiPSK, MMVARI, WinWarbler and PSK Deluxe are all free. The last two use the same decoding algorithms (the PSKCore dll) - in my view the other three programs I mentioned all outperform PSKCore (decode weak signals better), but in the final analysis most people end up choosing based on the user interface, not the technical performance.

The way the software performs will also depend on your sound card. The motherboard AC97 sound devices get mixed reviews at best. The old Creative PCI-16 sound card does a better job on amateur radio modes. You do not need an expensive sound card with fancy audio sound effects - for the most part all you are paying for is audio processing features which you will have to disable. From the point of view of digital modes for the radio, they only add distortion.

73,
Rich VE3KI

--- In TS-850_450_690@yahoogroups.com, yash@... wrote:
>
> Hi
> decided to run psk and maybe some other digital modes on my 850. Is there a interface that does not use the mic connector,but uses one of the din jacks on the rear of the rig. I noticed most of the infaces that connect via the mic and have provision for switching

etc are all 150-200.00. If one of you guys are doing what I want to
do and doing it thru the rear connection, please enlighten me as to
what your using. Also what is one of the better performing psk31
software programs. Grateful for any help on this,don't want to
reinvent the wheel.
> thanks
> dale wt4t
>
>

> Check out the new AOL. Most comprehensive set of free safety and
security tools, free access to millions of high-quality videos from
across the web, free AOL Mail and more.
>
>
> [Non-text portions of this message have been removed]
>

5190. Re: [TS-850_450_690] Re: psk interface for 850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-10-12 02:43:15 UTC
From: yash@aol.com
Topic: 5186 Message: 5190

Rich
thanks for all the info. The whole digital area sounds very interesting,looking forward to giving it a try. Will check out
mix w ,most of the time you get what you pay for in software. Do they have a down file on how to set the parameters of the program?
thanks again
73's
dale wt4t

5191. Re: [TS-850_450_690] psk interface for 850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-10-12 02:50:19 UTC
From: yash@aol.com
Topic: 5186 Message: 5191

tony
thanks for the info,will check it out.
dale wt4t

5192. Re: [TS-850_450_690] psk interface for 850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-10-12 02:48:40 UTC
From: yash@aol.com
Topic: 5186 Message: 5192

Dave
thanks for the info. breakout box sounds like a good idea. Does digpan have a download able file for how to set up all parts of the program?
thanks
dale wt4t

5193. TS-850 Dead ACC1 Port?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-10-12 14:25:47 UTC
From: Peter Freiler
Topic: 5193 Message: 5193

Hello,
For months I was using my TS-850 with an MFJ Kenwood data cable to connect my PC to the rig. It worked fine in WriteLog and Ham Radio Deluxe.

One day last year, of course just before CQ WW DX SSB, I went to look over the shack prior to the contest and noticed that I could not see the righ in WriteLog.

Long story short, I've been though everything I can think of among them;
- A new PC motherboard (about time anyway)and a different laptop to rule out the serial port.
- Numerous resets of the 850; full and partial.
- Different programs including using Hyperterminal (4800,N,8,2) and all I get is errors.
- Different cables, I tried a known working W1GEE interface cable and had MFJ check the cable I had, no change in result.

I'd like to hear any comments anyone might have about my situation. Also is this something I can repair myself (replace chips, a board etc.)?

Thanks in advance,
Peter
W1AIR

5194. Re: TS-850 Dead ACC1 Port?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-10-12 16:46:50 UTC
From: Richard Ferch
Topic: 5193 Message: 5194

The one thing that springs immediately to mind is that Kenwood
requires the RTS signal from the COM port to be asserted. If your
software has an option to turn RTS to "Always On" and you are not
already using it, try that to see if it solves your problem.

Since you are using a commercial interface, this next possibility
may not be workable for you, but I have seen some people recommend
simply jumpering ACC1 pins 4 and 5 together without connecting
either of them to the interface, which frees up RTS at the computer
end to be used for some other purpose such as hardware PTT switching.

73,
Rich VE3KI

--- In TS-850_450_690@yahoogroups.com, "Peter Freiler" <peterf@...>
wrote:
>
> Hello,
> For months I was using my TS-850 with an MFJ Kenwood data cable to
> connect my PC to the rig. It worked fine in WriteLog and Ham
Radio
> Deluxe.
>
> One day last year, of course just before CQ WW DX SSB, I went to
look
> over the shack prior to the contest and noticed that I could not
see
> the righ in WriteLog.
>
> Long story short, I've been though everything I can think of among
them;
> - A new PC motherboard (about time anyway)and a different laptop
to
> rule out the serial port.
> - Numerous resets of the 850; full and partial.
> - Different programs including using Hyperterminal (4800,N,8,2)
and all
> I get is errors.
> - Different cables, I tried a known working W1GEE interface cable
and
> had MFJ check the cable I had, no change in result.
>
> I'd like to hear any comments anyone might have about my
situation.
> Also is this something I can repair myself (replace chips, a board
> etc.)?

>
> Thanks in advance,
> Peter
> W1AIR
>

5195. Re: TS-850 Dead ACC1 Port?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-10-12 19:55:22 UTC
From: max_ve3tmt
Topic: 5193 Message: 5195

--- In TS-850_450_690@yahoogroups.com, "Richard Ferch" <ve3iay@...> wrote:
>
> The one thing that springs immediately to mind is that Kenwood
> requires the RTS signal from the COM port to be asserted. If your
> software has an option to turn RTS to "Always On" and you are not
> already using it, try that to see if it solves your problem.

One note...Some software programs use the RTS line for PTT. If you
change it to always on, your rig will stay in TX mode.

Max

5196. Re: [TS-850_450_690] psk interface for 850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-10-12 20:30:04 UTC
From: dave@zievid.com
Topic: 5186 Message: 5196

Hi Dale -

Check out http://www.digipan.net/ You can get the download, some docs and links to places for various help. It will work right out of the "box", but you have to have the PC sound configured so the mic or line in is enabled and has the volume up a bit.

Just for fooling around, if you have a microphone (from a headset/mic combo) that works on your PC you can just put it right in front of your speaker and play with the software.

It's ugly, and you can't transmit, but it's usable for just checking out software and seeing what's on the air.

- Dave
W6OT

> Dave
> thanks for the info. breakout box sounds like a good idea. Does digpan
> have a download able file for how to set up all parts of the program?
> thanks
> dale wt4t
>

5197. Re: TS-850 Dead ACC1 Port?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-10-12 22:07:28 UTC
From: Richard Ferch
Topic: 5193 Message: 5197

Max,

We are talking about two different serial ports here. Most people have two separate interfaces, one for radio control (such as an IF-232), and one for sound card interfacing PTT (such as the Buxcomm Rascal). These are normally plugged into two different serial ports on the computer. I was talking about the computer interface port, while you are talking about the sound card/PTT interface port. RTS on the serial port that the IF-232 is connected to must be always on. RTS on the serial port that the Rascal is connected to is used to control PTT.

It is possible to combine the two into a single port if you build your own interfaces for both, and if your software is flexible enough to use the same port for both (some software won't let you do that). In that case, you can break out RTS from the computer's COM port and connect it to a keying circuit that controls PTT. In order to make communications work you have to find another way to hold pin 4 on ACC1 high - the easiest way to do that is to jumper pins 4 and 5 together.

73,
Rich VE3KI

--- In TS-850_450_690@yahoogroups.com, "max_ve3tmt" <max_ve3tmt@...> wrote:
>
> --- In TS-850_450_690@yahoogroups.com, "Richard Ferch" <ve3iay@> wrote:
> >
> > The one thing that springs immediately to mind is that Kenwood
> > requires the RTS signal from the COM port to be asserted. If your
> > software has an option to turn RTS to "Always On" and you are not
> > already using it, try that to see if it solves your problem.
>
> One note...Some software programs use the RTS line for PTT. If you
> change it to always on, your rig will stay in TX mode.
>
> Max
>

5198. Re: [TS-850_450_690] psk interface for 850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-10-12 22:40:35 UTC
From: ve3wej gmail
Topic: 5186 Message: 5198

yep....I have 2 that use the 13 pin plug

----- Original Message -----
From: yash@...
To: TS-850_450_690@yahoogroups.com
Sent: Wednesday, October 11, 2006 8:58 PM
Subject: [TS-850_450_690] psk interface for 850

Hi
decided to run psk and maybe some other digital modes on my 850. Is there a interface that does not use the mic connector,but uses one of the din jacks on the rear of the rig. I noticed most of the infaces that connect via the mic and have provision for switching etc are all 150-200.00. If one of you guys are doing what I want to do and doing it thru the rear connection, please enlighten me as to what your using. Also what is one of the better performing psk31 software programs. Grateful for any help on this,don't want to reinvent the wheel.
thanks
dale wt4t

_____
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[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

5199. Re: [TS-850_450_690] TS-850 Dead ACC1 Port?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-10-12 22:43:12 UTC
From: ve3wej gmail
Topic: 5193 Message: 5199

sounds like you have yet to try a different interface cable...

----- Original Message -----
From: Peter Freiler
To: TS-850_450_690@yahoogroups.com
Sent: Thursday, October 12, 2006 10:25 AM
Subject: [TS-850_450_690] TS-850 Dead ACC1 Port?

Hello,
For months I was using my TS-850 with an MFJ Kenwood data cable to connect my PC to the rig. It worked fine in WriteLog and Ham Radio Deluxe.

One day last year, of course just before CQ WW DX SSB, I went to look over the shack prior to the contest and noticed that I could not see the righ in WriteLog.

Long story short, I've been though everything I can think of among them;
- A new PC motherboard (about time anyway)and a different laptop to rule out the serial port.
- Numerous resets of the 850; full and partial.
- Different programs including using Hyperterminal (4800,N,8,2) and all I get is errors.
- Different cables, I tried a known working W1GEE interface cable and had MFJ check the cable I had, no change in result.

I'd like to hear any comments anyone might have about my situation. Also is this something I can repair myself (replace chips, a board etc.)?

Thanks in advance,
Peter
W1AIR

[Non-text portions of this message have been removed]

5200. Re: TS-850 Dead ACC1 Port?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-10-13 11:13:01 UTC
From: max_ve3tmt
Topic: 5193 Message: 5200

--- In TS-850_450_690@yahoogroups.com, "Richard Ferch" <ve3iay@...> wrote:
>
> Max,
>
> We are talking about two different serial ports here. Most people
> have two separate interfaces, one for radio control (such as an IF-
> 232), and one for sound card interfacing PTT (such as the Buxcomm
> Rascal).

Rich,

I used a homebrew interface for PC control, including PTT functions and could not have RTS set on all the time. What I said was is your software program requires the RTS line to switch for PTT and you set it to on all the time, the rig will be in TX all the time. I realize this has nothing to do with the ACCY port for the audio lines and I was not implying that. In my setup I did not use the PTT lines in the 13-pin DIN setup, I used the RTS line to key the radio.

Max

5201. TS 850 TX frequency in 2,44Khz Steps

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-10-14 22:01:13 UTC
From: Peter
Topic: 5201 Message: 5201

I have recently bought a secondhand TS850s
However it seems to have a fault where the TX frequency only changes
in 2.44KHz steps in ssb, and 7.34KHz steps in FM.

Recieve frequency is perfect.

I found slight reference in this list to DDS chips being a possible cause!

The previouse owner said that one had been changed.

I am still waiting for his response to the problem.

The serial number of the radio is 30500052, so wouldnt this have the
newer dds chips in?

What are the implications if it is the DDS chips, (cost, availability)

Any help or advise warmly welcomed.

I am in the UK

regards

Peter
G0RSQ
peter@...

5202. Re: [TS-850_450_690] TS 850 TX frequency in 2,44Khz Steps

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-10-14 23:58:14 UTC
From: John Kuklewicz N7ZN
Topic: 5201 Message: 5202

Peter, I cannot venture as to why your '850 is tuning in such a strange
manner. But...

Peter wrote:
> I have recently bought a secondhand TS850s
...
> I found slight reference in this list to DDS chips being a possible cause!
>
> The previouse owner said that one had been changed.
>
> I am still waiting for his response to the problem.
>
> The serial number of the radio is 30500052, so wouldnt this have the
> newer dds chips in?

I have a TS-850 s/n 302000xxx that had the old chips (6631s) in it. The
chips had a 1991 date code. I recently replaced the entire board.
>
> What are the implications if it is the DDS chips, (cost, availability)

I obtained an entire CAR board (the one with the four DDS chips on it)
from East Coast Transistor for a little over $200 USD.

>
> Any help or advise warmly welcomed.
>
> I am in the UK
>
> regards
>
> Peter
> G0RSQ
> peter@...
>

vy 73 es gl;

John N7ZN
>
>
>
>
>
> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
>

>
>
>
>

5203. Re: TS 850 TX frequency in 2,44Khz Steps

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-10-15 08:34:21 UTC
From: Peter
Topic: 5201 Message: 5203

> I obtained an entire CAR board (the one with the four DDS chips on it)
> from East Coast Transistor for a little over $200 USD.

>
> vy 73 es gl;
>
> John N7ZN

John

Thanks for the lead, very good site that I had no knowledge of.

I guess it is the DDS chips, as also the 'moni' function does not
work, and again it has been noted that the DDR chips control this.

I have made contact with the seller of the radio, who apears genuinely
suprised and sympathetic, so will now see what he will do to resolve
the problem.

Thanks again

Peter

5204. Re: TS 850 TX frequency in 2,44Khz Steps

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-10-15 15:03:34 UTC
From: Clif
Topic: 5201 Message: 5204

As for why it doesn't affect receive.

The 6631 is a dual chip, each side identical. One side is used in RX
and the other in TX. Either side can malfunction and not affect the
other. I have seen this several times.

Clif

--- In TS-850_450_690@yahoogroups.com, "Peter" <yahoo@...> wrote:
>
> > I obtained an entire CAR board (the one with the four DDS chips on it)
> > from East Coast Transistor for a little over $200 USD.
>
> >
> > vy 73 es gl;
> >
> > John N7ZN
>
> John
>
> Thanks for the lead, very good site that I had no knowledge of.
>
> I guess it is the DDS chips, as also the 'moni' function does not
> work, and again it has been noted that the DDR chips control this.
>
> I have made contact with the seller of the radio, who apears genuinely
> suprised and sympathetic, so will now see what he will do to resolve
> the problem.
>
> Thanks again
>
> Peter
>

5205. Kenwood AT-250 Tuner Problem[TS-430]

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-10-16 21:14:54 UTC
From: k5box
Topic: 5205 Message: 5205

I just purchased a non working AT-250. The seller told me he had been useing it in the manual mode with a TS-430 for a long time[did't have the din cable] and then it got to where it would't match his antenna.He let it search for a match for a long time and then it quit.Power lite comes on.I manualy choose the band[here relays] and antenna /turn the tuner on and lite comes on/press the tune button [this lite never come on] and the tuner lite goes off. The motors don't turn and I see no voltage on them.I do have a POOR service manual for it.The meter shows aprox. rf out with the TUNE and TUNER buttons out and dummy load connected. Any ideas as to a starting point for trouble shooting?Tnx for any info that can be passed along . Mike [K5BOX]

5206. FL-7000 band data interface

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-10-16 21:06:56 UTC
From: cubpack355
Topic: 5206 Message: 5206

The web page is a work in progress.

http://www.netaxs.com/~johnmatt/KENYAE/interface.html

I'll be posting the schematic by the end of the week for anyone who's interested.

73

John

5207. Reduced RX Sensitivity, Not Directly Ready RX Audio etc :-))

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-10-17 13:12:16 UTC
From: Red NSR
Topic: 5207 Message: 5207

Hi all,
I've been very busy at my work lately... so almost no time for the radio
:-((

Last night, I turned on my TS-850S, I found some (yes.... some) problems :
1. The display did not turn on directly after I turned on the radio. Need
more than 45 second for the display to show up its beautiful digit.
2. The receiving audio (from the speaker and from the headphone) did not go
loud for more than five minutes. Although I tried to set the volume control
to the maximum setting. Then the sound came up slowly.
3. After the display came up normally, the dim function did'nt function. It
seems like the display always at "bright" setting.
4. On 20.995 MHz rx sensitivity was normal, but when the bandpass filter
automatically changed to 21.000 MHz, the rx sensitivity is reduced about 2 S
unit. It behaved like that on the bandwidth range of 21 MHz bandpass filter.

Any one ever experienced the same problems with me? Please kindly tell me
where to start solving these problem?

Thank you.....

YC1EME-Budi

[Non-text portions of this message have been removed]

5208. Re: Reduced RX Sensitivity, Not Directly Ready RX Audio etc :-))

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-10-17 13:56:37 UTC
From: Paul
Topic: 5207 Message: 5208

On 15 m it could be propagation rather than rx sensitivity

--- In TS-850_450_690@yahoogroups.com, "Red NSR" <budigroups@...>
wrote:
>
> Hi all,
> I've been very busy at my work lately... so almost no time for the
radio
> :-((
>
> Last night, I turned on my TS-850S, I found some (yes.... some)
problems :
> 1. The display did not turn on directly after I turned on the
radio. Need
> more than 45 second for the display to show up its beautiful digit.
> 2. The receiving audio (from the speaker and from the headphone)
did not go
> loud for more than five minutes. Although I tried to set the
volume control
> to the maximum setting. Then the sound came up slowly.
> 3. After the display came up normally, the dim function did'nt
function. It
> seems like the display always at "bright" setting.
> 4. On 20.995 MHz rx sensitivity was normal, but when the bandpass
filter
> automatically changed to 21.000 MHz, the rx sensitivity is reduced
about 2 S
> unit. It behaved like that on the bandwidth range of 21 MHz
bandpass filter.
>
> Any one ever experienced the same problems with me? Please kindly
tell me
> where to start solving these problem?
>
>
> Thank you.....
>
> YC1EME-Budi
>
>
> [Non-text portions of this message have been removed]
>

5209. Re: Reduced RX Sensitivity, Not Directly Ready RX Audio etc :-))

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-10-17 13:55:18 UTC
From: Paul
Topic: 5207 Message: 5209

The delay on switching on the display may be due to dampness. I
used to have the same problem, but not any more !

In TS-850_450_690@yahoogroups.com, "Red NSR" <budigroups@...> wrote:
>
> Hi all,
> I've been very busy at my work lately... so almost no time for the
radio
> :-((
>
> Last night, I turned on my TS-850S, I found some (yes.... some)
problems :
> 1. The display did not turn on directly after I turned on the
radio. Need
> more than 45 second for the display to show up its beautiful digit.
> 2. The receiving audio (from the speaker and from the headphone)
did not go
> loud for more than five minutes. Although I tried to set the
volume control
> to the maximum setting. Then the sound came up slowly.
> 3. After the display came up normally, the dim function did'nt
function. It
> seems like the display always at "bright" setting.
> 4. On 20.995 MHz rx sensitivity was normal, but when the bandpass
filter
> automatically changed to 21.000 MHz, the rx sensitivity is reduced
about 2 S
> unit. It behaved like that on the bandwidth range of 21 MHz
bandpass filter.
>
> Any one ever experienced the same problems with me? Please kindly
tell me
> where to start solving these problem?
>
>
> Thank you.....
>
> YC1EME-Budi
>
>
> [Non-text portions of this message have been removed]
>

5210. Inrad roofing filter

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-10-17 13:19:39 UTC
From: Samir Popaja
Topic: 5210 Message: 5210

Is any plans for roofing filter for TS-850S/AT?

SM7VZX <http://geo.yahoo.com/serv?s=97359714/grpId=3097582/grpspId=1705063108/msgId=5204/stime=1160924787/nc1=3848533/nc2=4025308/nc3=3>

[Non-text portions of this message have been removed]

5211. Re: Inrad roofing filter

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-10-19 12:59:10 UTC
From: max_ve3tmt
Topic: 5210 Message: 5211

--- In TS-850_450_690@yahoogroups.com, "Samir Popaja"
<samir.popaja@...> wrote:
>
> Is any plans for roofing filter for TS-850S/AT?
>
> SM7VZX

Nothing I am aware of. Have you contacted INRAD?

5212. SV: [TS-850_450_690] Re: Inrad roofing filter

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-10-19 13:36:34 UTC
From: Samir Popaja
Topic: 5212 Message: 5212

No, but I know that they are working on roofing filter for TS-950SDX.

Från: TS-850_450_690@yahoogroups.com genom max_ve3tmt
Skickat: to 2006-10-19 14:59
Till: TS-850_450_690@...m
Ämne: [TS-850_450_690] Re: Inrad roofing filter

--- In TS-850_450_690@yahoogroups.com <mailto:TS-850_450_690%40yahoogroups.com> , "Samir Popaja"
<samir.popaja@...> wrote:
>
> Is any plans for roofing filter for TS-850S/AT?
>
> SM7VZX

Nothing I am aware of. Have you contacted INRAD?

[Non-text portions of this message have been removed]

5213. Re: [TS-850_450_690] Re: Reduced RX Sensitivity, Not Directly Ready RX Audio etc :-))

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-10-19 14:59:00 UTC
From: Red NSR
Topic: 5207 Message: 5213

Thank you for the reply.....

I am quite sure, that it has a RX sensitivity problem.
I compare the noise level, between 20.995 MHz and 21.000 MHz.
Yes, it is 2 S unit different.
On my TS-50S, I don't see the difference of noise level between 20.995 MHz and 21.000 MHz.

Maybe I should start from the bandpass filter switching.....

73

de yc1eme

[Non-text portions of this message have been removed]

5214. Re: Reduced RX Sensitivity, Not Directly Ready RX Audio etc :-))

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-10-19 19:31:48 UTC
From: max_ve3tmt
Topic: 5207 Message: 5214

--- In TS-850_450_690@yahoogroups.com, "Red NSR" <budigroups@...> wrote:
>
> Thank you for the reply.....
>
> I am quite sure, that it has a RX sensitivity problem.
> I compare the noise level, between 20.995 MHz and 21.000 MHz.
> Yes, it is 2 S unit different.
> On my TS-50S, I don't see the difference of noise level between
20.995 MHz
> and 21.000 MHz.

On my last 850 the receiver noise would drop from about S4 on 19 Mhz
to S-0 on 22.00 My TS830 doesn't show this problem.

Max

5215. Re: [TS-850_450_690] Re: Reduced RX Sensitivity, Not Directly Ready RX Audio etc :-))

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-10-19 19:46:55 UTC
From: Paul
Topic: 5207 Message: 5215

on 21mhz and up, the TS850 switches an extra RF amplifier. Check if the same is happening on the other frequencies

max_ve3tmt <max_ve3tmt@...> wrote: --- In TS-850_450_690@yahoogroups.com, "Red NSR" <budigroups@...> wrote:
>
> Thank you for the reply.....
>
> I am quite sure, that it has a RX sensitivity problem.
> I compare the noise level, between 20.995 MHz and 21.000 MHz.
> Yes, it is 2 S unit different.
> On my TS-50S, I don't see the difference of noise level between 20.995 MHz
> and 21.000 MHz.

On my last 850 the receiver noise would drop from about S4 on 19 Mhz to S-0 on 22.00 My TS830 doesn't show this problem.

Max

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[Non-text portions of this message have been removed]

5216. Re: [TS-850_450_690] Re: Reduced RX Sensitivity, Not Directly Ready RX Audio etc :-))

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-10-19 19:50:00 UTC
From: Paul
Topic: 5207 Message: 5216

are you sure the signals are not being masked by local qrn ??
The ts850 has no adequate mains input filter. I had that problem, and cured it by fitted a mains input filter salvaged from an old tv set !

max_ve3tmt <max_ve3tmt@...> wrote:
--- In TS-850_450_690@yahoogroups.com, "Red NSR" <budigroups@...> wrote:
>
> Thank you for the reply.....
>
> I am quite sure, that it has a RX sensitivity problem.
> I compare the noise level, between 20.995 MHz and 21.000 MHz.
> Yes, it is 2 S unit different.
> On my TS-50S, I don't see the difference of noise level between
20.995 MHz
> and 21.000 MHz.

On my last 850 the receiver noise would drop from about S4 on 19 Mhz
to S-0 on 22.00 My TS830 doesn't show this problem.

Max

Get your own web address for just $1.99/1st yr. We'll help. Yahoo! Small Business.

[Non-text portions of this message have been removed]

5217. Re: [TS-850_450_690] Re: Reduced RX Sensitivity, Not Directly Ready RX Audio etc :-))

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-10-20 09:56:35 UTC
From: Red NSR
Topic: 5207 Message: 5217

I think 20.995 MHz and 21.000 MHz should be no big different in noise level.
My TS850 and TS50 have almost same S meter calibration.
On other band, for example on 10 meter.
I could receive a station with signal strength S7 while the noise level is
S4 on TS 850
on my TS 50, the signal strength and noise level is also at the same.
But, on 15 meter, the TS850 signal strength is about 2 S unit different.
And I could hear the different noise level between 20.995 MHz and 21.000 MHz
from the speaker.
On 20.995 MHz, the noise is a little bit "louder".

OK, I have a long holiday here.. start from tomorrow..
I should have time to find the problem cause.

Thank you.

YC1EME-Budi

On 10/20/06, Paul <malti7388@...> wrote:
>
> are you sure the signals are not being masked by local qrn ??
> The ts850 has no adequate mains input filter. I had that problem, and
> cured it by fitted a mains input filter salvaged from an old tv set !
>
> max_ve3tmt <max_ve3tmt@... <max_ve3tmt%40yahoo.ca>> wrote:
> --- In TS-850_450_690@yahoogroups.com <TS-850_450_690%40yahoogroups.com>,
> "Red NSR" <budigroups@...> wrote:
> >
> > Thank you for the reply.....
> >
> > I am quite sure, that it has a RX sensitivity problem.
> > I compare the noise level, between 20.995 MHz and 21.000 MHz.
> > Yes, it is 2 S unit different.
> > On my TS-50S, I don't see the difference of noise level between
> 20.995 MHz
> > and 21.000 MHz.
>
> On my last 850 the receiver noise would drop from about S4 on 19 Mhz
> to S-0 on 22.00 My TS830 doesn't show this problem.
>
> Max
>
>
> ---------------------------------
> Get your own web address for just $1.99/1st yr. We'll help. Yahoo! Small

> Business.
>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

5218. FS: Kenwood CW filters

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-10-21 14:57:13 UTC
From: John Geiger
Topic: 5218 Message: 5218

I have a pair of 500hz CW filters available for
Kenwood rigs. I have the YK88C-1 and the YK-455C-1.
The first filter will also fit in the 570 series of
radios. The second filter with fit in the 140/680
series of radios. Both filters will work in the
930/940/850/450/690 radios. I am asking $70 shipped
for each filter or $130 shipped for both together.
Can take check/MO/Paypal

73s John W5TD

_____
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5219. 450/690 autotuner question

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-10-23 15:17:37 UTC
From: John Geiger
Topic: 5219 Message: 5219

Is the autotuner in the 450/690 as good as the one in
the TS850-meaning that it loads up about anything, and
is much better than the internal tuners in current
rigs?

73s John W5TD

_____
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5220. Re: Reduced RX Sensitivity, Not Directly Ready RX Audio etc :-))

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-10-23 17:38:58 UTC
From: dm4dx
Topic: 5207 Message: 5220

--- In TS-850_450_690@yahoogroups.com, Paul <malti7388@...> wrote:
>
> are you sure the signals are not being masked by local qrn ??
> The ts850 has no adequate mains input filter. I had that problem,
and cured it by fitted a mains input filter salvaged from an old tv
set !

Could you explain that modification to me? What did you 'cure' whith
that?

5221. Re: [TS-850_450_690] 450/690 autotuner question

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-10-23 17:43:12 UTC
From: Paul
Topic: 5219 Message: 5221

The internal tuner of the ts850 can only load up to 150 ohms unbalanced, and it only works on transmit, not on recieve

Paul

John Geiger <johngeig@...> wrote:
Is the autotuner in the 450/690 as good as the one in
the TS850-meaning that it loads up about anything, and
is much better than the internal tuners in current
rigs?

73s John W5TD

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[Non-text portions of this message have been removed]

5222. Re: [TS-850_450_690] Re: Reduced RX Sensitivity, Not Directly Ready RX Audio etc :-))

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-10-23 19:12:48 UTC
From: Paul
Topic: 5207 Message: 5222

It is more of an add on rather than a modification.
You open the power supply of the TS850, find the mains wires going to the mains transformer and on/off switch, cut the live and neutral wires and insert the mains filter just before entering the primary of the mains transformer. Thats it.

I am using a filter salvaged from a tv set, made up of a ferrite ring with a pair of windings on each side, and two main capacitors. You can find ready built ones easily.

Paul

dm4dx <dm4dx@...> wrote:
--- In TS-850_450_690@yahoogroups.com, Paul <malti7388@...> wrote:
>
> are you sure the signals are not being masked by local qrn ??
> The ts850 has no adequate mains input filter. I had that problem,
and cured it by fitted a mains input filter salvaged from an old tv
set !

Could you explain that modification to me? What did you 'cure' whith
that?

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[Non-text portions of this message have been removed]

5223. Re: [TS-850_450_690] Re: Reduced RX Sensitivity, Not Directly Ready RX Audio etc :-))

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-10-23 19:41:57 UTC
From: ve3wej gmail
Topic: 5207 Message: 5223

my 850 has NO internal power supply...are we talking the ps-52 or 53 or 31 k'woods??????

----- Original Message -----
From: Paul
To: TS-850_450_690@yahoogroups.com
Sent: Monday, October 23, 2006 3:12 PM
Subject: Re: [TS-850_450_690] Re: Reduced RX Sensitivity, Not Directly Ready RX Audio etc :-))

It is more of an add on rather than a modification.
You open the power supply of the TS850, find the mains wires going to the mains transformer and on/off switch, cut the live and neutral wires and insert the mains filter just before entering the primary of the mains transformer. Thats it.

I am using a filter salvaged from a tv set, made up of a ferrite ring with a pair of windings on each side, and two main capacitors. You can find ready built ones easily.

Paul

dm4dx <dm4dx@...> wrote:
--- In TS-850_450_690@yahoogroups.com, Paul <malti7388@...> wrote:
>
> are you sure the signals are not being masked by local qrn ??
> The ts850 has no adequate mains input filter. I had that problem,
and cured it by fitted a mains input filter salvaged from an old tv
set !

Could you explain that modification to me? What did you 'cure' whith
that?

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[Non-text portions of this message have been removed]

5224. Re: Reduced RX Sensitivity, Not Directly Ready RX Audio etc :-))

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-10-23 19:45:30 UTC
From: max_ve3tmt
Topic: 5207 Message: 5224

--- In TS-850_450_690@yahoogroups.com, Paul <malti7388@...> wrote:
>
> It is more of an add on rather than a modification.
> You open the power supply of the TS850, find the mains wires going to the mains transformer and on/off switch, cut the live and neutral wires and insert the mains filter just before entering the primary of the mains transformer. Thats it.

Paul,

I assume you are referring to the external supply like the PS-52 ??

Max

5225. Re: [TS-850_450_690] 450/690 autotuner question

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-10-24 01:08:43 UTC
From: Tom Osborne
Topic: 5219 Message: 5225

Hi John

I have the 4540SAT here with the autotuner and it works so-so. Seems to take a long time to tune an antenna and there are some that it will not tune. Also, they don't work on 160. 73
Tom W7WHY

Is the autotuner in the 450/690 as good as the one in
the TS850-meaning that it loads up about anything, and
is much better than the internal tuners in current
rigs?

73s John W5TD

--

5226. Re: [TS-850_450_690] Re: Reduced RX Sensitivity, Not Directly Ready RX Audio etc :-))

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-10-23 23:50:50 UTC
From: Paul
Topic: 5207 Message: 5226

the ps52, conventional 20 amp power supply, with the large mains transformer, not the switching type. And it is an external psu

ve3wej gmail <ve3wej@...> wrote: my 850 has NO internal power supply...are we talking the ps-52 or 53 or 31 k'woods??????

----- Original Message -----
From: Paul
To: TS-850_450_690@yahoogroups.com
Sent: Monday, October 23, 2006 3:12 PM
Subject: Re: [TS-850_450_690] Re: Reduced RX Sensitivity, Not Directly Ready RX Audio etc :-))

It is more of an add on rather than a modification.
You open the power supply of the TS850, find the mains wires going to the mains transformer and on/off switch, cut the live and neutral wires and insert the mains filter just before entering the primary of the mains transformer. Thats it.

I am using a filter salvaged from a tv set, made up of a ferrite ring with a pair of windings on each side, and two main capacitors. You can find ready built ones easily.

Paul

dm4dx <dm4dx@...> wrote:
--- In TS-850_450_690@yahoogroups.com, Paul <malti7388@...> wrote:
>
> are you sure the signals are not being masked by local qrn ??
> The ts850 has no adequate mains input filter. I had that problem,
and cured it by fitted a mains input filter salvaged from an old tv
set !

Could you explain that modification to me? What did you 'cure' whith
that?

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[Non-text portions of this message have been removed]

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[Non-text portions of this message have been removed]

5227. SV: [TS-850_450_690] Re: Inrad roofing filter

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-10-24 06:24:09 UTC
From: Samir Popaja
Topic: 5212 Message: 5227

In TS-850_450_690@ <mailto:TS-850_450_690%40yahoogroups.com> yahoogroups.com, "Samir Popaja" wrote:
>
> Is any plans for roofing filter for TS-850S/AT?

> SM7VZX Answer from INRAD:

"Hello, Samir - We have a VHF 73.050 filter that can be used as a Roofing

Filter in the TS-850. It is a filter only, with no instructions or parts

kit, and you will have to create your own modification. The cost is $125 +

Shipping & Handling (to Europe, either $14 or $22, depending on the service

used)

Thank you for your interest, and 73 - Laurie"

5228. RE: [TS-850_450_690] 450/690 autotuner question

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-10-25 02:05:01 UTC
From: JamesMNelson
Topic: 5219 Message: 5228

Hello group,

I have a question in reference to the 450/690 and 850 ATs.

Are the ATs the same unit or is there a big difference between an AT-450 and a AT-850?

james//

-----Original Message-----
From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com] On Behalf Of Tom Osborne
Sent: Monday, October 23, 2006 8:09 PM
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] 450/690 autotuner question

Hi John

I have the 4540SAT here with the autotuner and it works so-so. Seems to take a long time to tune an antenna and there are some that it will not tune. Also, they don't work on 160. 73
Tom W7WHY

Is the autotuner in the 450/690 as good as the one in
the TS850-meaning that it loads up about anything, and
is much better than the internal tuners in current
rigs?

73s John W5TD

--

[Non-text portions of this message have been removed]

5229. TS-450SAT receive low

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-10-25 03:45:12 UTC
From: Tom Osborne
Topic: 5229 Message: 5229

Hi All

I have a pair of TS-450SAT's and one of them is real weak in receive.

I can tune in a station on radio 1 and it will deflect the S-meter to S-9.

On radio 2 I can tune in the same station the S-meter will show about S-3.

I can switch the RX M button to read db and both radios will show the same deflection, from -20 to about the zero mark, but signals are WAY down on radio 1. Any ideas ou there? Thanks and 73.
Tom W7WHY

5230. Re: TS 850 TX frequency in 2,44Khz Steps

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-10-25 19:00:05 UTC
From: oz1cjx
Topic: 5201 Message: 5230

--- In TS-850_450_690@yahoogroups.com, "Peter" <yahoo@...> wrote:
>
> I have recently bought a secondhand TS850s
> However it seems to have a fault where the TX frequency only changes
> in 2.44KHz steps in ssb, and 7.34KHz steps in FM.
>
> Recieve frequency is perfect.
>
> I found slight reference in this list to DDS chips being a possible
cause!
>
> The previouse owner said that one had been changed.
>
> I am still waiting for his response to the problem.
>
> The serial number of the radio is 30500052, so wouldnt this have the
> newer dds chips in?
>
> What are the implications if it is the DDS chips, (cost, availability)
>
> Any help or advise warmly welcomed.
>
> I am in the UK
>
> regards
>
> Peter
> G0RSQ
> peter@...
>
Hi Peter
I had a similar problem with a TS-690SAT (See msg.4629)
I bought 2 new DDS-chips at http://www.kenwoodparts.com
Part# is YM6631 and the price is $28.
After replacement the radio worked fine again. Although one DDS-chip
was still working I chose to replace both to avoid the reliability
problems.

Good luck!

73 de Lars / OZ1CJX

5231. Re: TS-450SAT receive low

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-10-26 00:43:52 UTC
From: Clif
Topic: 5229 Message: 5231

Put tape over both s-meters. Tune in weak signals and listen to both radios. Let your ears not the s-meter tell you if one is down in Rx. Be honest with yourself. If one is down you can find it.

Don't depend on the s-meter to determine a radio is down in RX, they can be adjusted anyway you like. I see a lot of radios that although the s-meter reading is great when put on a signal generator they are deaf as a post. Someone tweaked the s-meter to sell it.

Clif

--- In TS-850_450_690@yahoogroups.com, "Tom Osborne" <w7why@...> wrote:
>
> Hi All
>
> I have a pair of TS-450SAT's and one of them is real weak in receive.
>
> I can tune in a station on radio 1 and it will deflect the S-meter to S-9.
>
> On radio 2 I can tune in the same station the S-meter will show about S-3.
>
> I can switch the RX M button to read db and both radios will show the same
> deflection, from -20 to about the zero mark, but signals are WAY down on
> radio 1. Any ideas ou there? Thanks and 73.
> Tom W7WHY
>

5232. Re: [TS-850_450_690] Re: TS-450SAT receive low

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-10-26 02:17:01 UTC
From: Tom Osborne
Topic: 5229 Message: 5232

Hi Clif

No, it is definately down. You can tell just by listening. Thanks for the reply. 73
Tom W7WHY

> Put tape over both s-meters. Tune in weak signals and listen to both
> radios. Let your ears not the s-meter tell you if one is down in Rx.
> Be honest with yourself. If one is down you can find it.
>
> Don't depend on the s-meter to determine a radio is down in RX, they
> can be adjusted anyway you like. I see a lot of radios that although
> the s-meter reading is great when put on a signal generator they are
> deaf as a post. Someone tweaked the s-meter to sell it.
>
> Clif

5233. Re: TS 850 TX frequency in 2,44Khz Steps

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-10-26 18:52:13 UTC
From: Peter
Topic: 5201 Message: 5233

> >
> Hi Peter
> I had a similar problem with a TS-690SAT (See msg.4629)
> I bought 2 new DDS-chips at http://www.kenwoodparts.com
> Part# is YM6631 and the price is $28.
> After replacement the radio worked fine again. Although one DDS-chip
> was still working I chose to replace both to avoid the reliability
> problems.
>
> Good luck!
>
> 73 de Lars / OZ1CJX
>

Lars

Thanks for input.

I have just got the radio back from repair.

It was found that two DDS chips had gone faulty, one controling the VFO, I think 4.00MHZ, and the other controling the "Moni" function (8.00Mhz).

One was replaced, and now I am ordering two more to replace the faulty chip, and the last unchanged DDS chip. Three chips have gone faulty in about 3 months!!

Now I can use the radio, I find it superb, and await the CQ WW contest eagerly!

Regards

Peter
G0RSQ

5234. TS-850 transverter interfacing

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-10-28 13:37:49 UTC
From: Scarlett
Topic: 5234 Message: 5234

I'm working on a transverter interface for my TS-850S, which involves a relay to supply the +8-12VDC bias to the IF 1 OUT port. The manual says "supply DC voltage to this port and the relay activates". My question: does supplying the bias voltage merely *enable* the low-level TX output at the IF 1 OUT, or does it also perform the changeover to TX for the radio? Another way, once I supply the bias voltage at IF 1 OUT, do I still need to PTT the radio in some fashion? Thanks,

5235. Re: [TS-850_450_690] TS-850 transverter interfacing

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-10-28 14:04:49 UTC
From: Zack Widup
Topic: 5234 Message: 5235

Applying the voltage to the IF OUT 1 connector merely switches internal circuitry to enable output from that connection instead of the ANT jack. The radio controls the transverter and not vice versa. You would use the radio normally as you would on HF with the mic or the key/keyer inputs to transmit.

The REMOTE connector has a relay on pins 2, 4 and 5 that can be used to switch power for the transverter T/R function.

I've found the Down East Microwave TIB-850 interface kit for the TS-850 use with transverters to be well worth the money and does a great job of interfacing transverters to the rig.

73, Zack W9SZ

On Sat, 28 Oct 2006, Scarlett wrote:

> I'm working on a transverter interface for my TS-850S, which involves
> a relay to supply the +8-12VDC bias to the IF 1 OUT port. The manual
> says "supply DC voltage to this port and the relay activates". My
> question: does supplying the bias voltage merely *enable* the
> low-level TX output at the IF 1 OUT, or does it also perform the
> changeover to TX for the radio? Another way, once I supply the bias
> voltage at IF 1 OUT, do I still need to PTT the radio in some fashion?
> Thanks,
>

5236. Top cover etc

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-10-29 09:16:58 UTC
From: Slowchordchanger
Topic: 5236 Message: 5236

Hi,
sorry should have mentioned I'm in England
73
Tony

[Non-text portions of this message have been removed]

5237. Restoring TS850S - anyone got a spare top cover please?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-10-29 09:15:30 UTC
From: Slowchordchanger
Topic: 5237 Message: 5237

Hi,
I'm sorting out a TS850S which has had a hard life, I need the small top cover (the cover for the voice unit/dip switches for filter selection).
Please let me know if you could sell me a top cover.

Also, is it normal to be able to hear the opposite side of a CW signal when listening in CW mode? - am I doing something wrong?

Many thanks
73
Tony

[Non-text portions of this message have been removed]

5238. Re: [TS-850_450_690] FS: Kenwood CW filters

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-10-29 14:27:31 UTC
From: Miron Remo
Topic: 5218 Message: 5238

Hi John
Tnx for e-mail,I am interested in your offer.Please send more info. for shipping methods and please photos.
Please e-mail or call echolink YO4FKO-L Yahoo id: yo4fko_br skype id: yo4fko
73`s Remo YO4FKO
xyl Veronica YO4HYL
My home page is http://www.hamradioalbum.lx.ro

John Geiger <johngeig@...> wrote: I have a pair of 500hz CW filters available for
Kenwood rigs. I have the YK88C-1 and the YK-455C-1.
The first filter will also fit in the 570 series of
radios. The second filter with fit in the 140/680
series of radios. Both filters will work in the
930/940/850/450/690 radios. I am asking $70 shipped
for each filter or $130 shipped for both together.
Can take check/MO/Paypal

73s John W5TD

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Tired of spam? Yahoo! Mail has the best spam protection around
http://mail.yahoo.com

We have the perfect Group for you. Check out the handy changes to Yahoo! Groups.

[Non-text portions of this message have been removed]

5239. Re: [TS-850_450_690] Restoring TS850S - anyone got a spare top cover please?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-10-29 17:38:24 UTC
From: Zack Widup
Topic: 5237 Message: 5239

Hi Tony,

If you have the Slope Tune controls set incorrectly, it could cause that.
The outer knob should be fully counterclockwise and the iner knob should
be fully clockwise.

If you still hear the opposite side of the signal in CW mode, something is
out of alignment.

73, Zack W9SZ

On Sun, 29 Oct 2006, Slowchordchanger wrote:

> Hi,
> I'm sorting out a TS850S which has had a hard life, I need the small top cover (the cover for the voice unit/dip switches for filter selection).
> Please let me know if you could sell me a top cover.
>
> Also, is it normal to be able to hear the opposite side of a CW signal
> when listening in CW mode? - am I doing something wrong?
>
> Many thanks
> 73
> Tony
>

5240. Re: [TS-850_450_690] FS: Kenwood CW filters

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-10-29 16:33:01 UTC
From: John Geiger
Topic: 5218 Message: 5240

The CW filters have both been sold. Thanks to all who inquired.

73s John W5TD

----- Original Message -----
From: Miron Remo
To: TS-850_450_690@yahoogroups.com
Sent: Sunday, October 29, 2006 2:27 PM
Subject: Re: [TS-850_450_690] FS: Kenwood CW filters

Hi John
Tnx for e-mail,I am interested in your offer.Please send more info. for shipping methods and please photos.
Please e-mail or call echolink YO4FKO-L Yahoo id: yo4fko_br skype id: yo4fko
73`s Remo YO4FKO
xyl Veronica YO4HYL
My home page is http://www.hamradioalbum.lx.ro

John Geiger <johngeig@...> wrote: I have a pair of 500hz CW filters available for
Kenwood rigs. I have the YK88C-1 and the YK-455C-1.
The first filter will also fit in the 570 series of
radios. The second filter with fit in the 140/680
series of radios. Both filters will work in the
930/940/850/450/690 radios. I am asking $70 shipped
for each filter or $130 shipped for both together.
Can take check/MO/Paypal

73s John W5TD

_____
Do You Yahoo!?
Tired of spam? Yahoo! Mail has the best spam protection around
http://mail.yahoo.com

We have the perfect Group for you. Check out the handy changes to Yahoo! Groups.

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

5241. Re: [TS-850_450_690] Restoring TS850S - anyone got a spare top cover please?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-10-30 08:19:53 UTC
From: Slowchordchanger
Topic: 5237 Message: 5241

Zack W9SZ wrote:
If you have the Slope Tune controls set incorrectly, it could cause that....

Thanks Zack,
I've checked the settings of the slope controls, but still hearing the other side of the signal. I'll leave the alignment alone as I've not got the kit here to make a decent job of that.
Vy 73
Tony

----- Original Message -----
From: Zack Widup
To: TS-850_450_690@yahoogroups.com
Sent: Sunday, October 29, 2006 5:38 PM
Subject: Re: [TS-850_450_690] Restoring TS850S - anyone got a spare top cover please?

Hi Tony,

If you have the Slope Tune controls set incorrectly, it could cause that.
The outer knob should be fully counterclockwise and the iner knob should
be fully clockwise.

If you still hear the opposite side of the signal in CW mode, something is
out of alignment.

73, Zack W9SZ

On Sun, 29 Oct 2006, Slowchordchanger wrote:

> Hi,
> I'm sorting out a TS850S which has had a hard life, I need the small top cover (the cover for the voice unit/dip switches for filter selection).
> Please let me know if you could sell me a top cover.
>
> Also, is it normal to be able to hear the opposite side of a CW signal
> when listening in CW mode? - am I doing something wrong?
>
> Many thanks
> 73
> Tony
>

[Non-text portions of this message have been removed]

5242. Re: [TS-850_450_690] Restoring TS850S - anyone got a spare top cover please?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-10-30 13:08:33 UTC
From: Alexandr Kobranov
Topic: 5237 Message: 5242

Hi Tony,
which combination of filters are you using for CW?
By changing of this combination is the behavior the same?
just question...
73!
Lexa, OK1DST

> On Sun, 29 Oct 2006, Slowchordchanger wrote:
>
> > Hi,
> > I'm sorting out a TS850S which has had a hard life, I need the small top cover (the cover for the voice unit/dip switches for filter selection).
> > Please let me know if you could sell me a top cover.
> >
> > Also, is it normal to be able to hear the opposite side of a CW signal
> > when listening in CW mode? - am I doing something wrong?
> >
> > Many thanks
> > 73
> > Tony

5243. Re: [TS-850_450_690] Restoring TS850S - anyone got a spare top cover please?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-11-01 21:25:27 UTC
From: Slowchordchanger
Topic: 5237 Message: 5243

Lexa, OK1DST wrote:
Hi Tony,
which combination of filters are you using for CW?
By changing of this combination is the behavior the same?
<snip>

Hi Lexa,
the 850 has 500 and 250 Hz in first IF and 500 Hz in second IF
Changing the filters does not change the reception of part of the
other side of the filter.

Thanks very much for your help on this
Vy 73
Tony G3ZRJ

----- Original Message -----
From: Alexandr Kobranov
To: TS-850_450_690@yahoogroups.com
Sent: Monday, October 30, 2006 1:08 PM
Subject: Re: [TS-850_450_690] Restoring TS850S - anyone got a spare top cover please?

[Non-text portions of this message have been removed]

5244. Bad CW filter?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-11-02 05:41:50 UTC
From: John Geiger
Topic: 5244 Message: 5244

Here is an issue I haven't seen discussed before. Is
it possible for a CW (or SSB) filter to go bad? I
recently bought a used YG455C-1 500hz CW filter from a
ham dealer. Installed it in my Kenwood TS690, and...
nothing! I turned the filter on in the menus, but I
hear nothing when putting it in line. Could the
filter be bad? Is there something rig related that I
am missing to get it to work?

73s John W5TD

_____
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(http://www.yahoo.com/preview)

5245. Re: [TS-850_450_690] Bad CW filter?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-11-02 13:42:10 UTC
From: Cormac Gebruers
Topic: 5244 Message: 5245

John,

Hi.

If its gone in the right location, then it sounds like the menu settings
might not be correct? Other than that, I can't offer an explanation. I
guess the filter could be duff, but not sure what can really go wrong
with them...

Rgds
Cormac EI4HQ

On Wed, 2006-11-01 at 21:41 -0800, John Geiger wrote:
> Here is an issue I haven't seen discussed before. Is
> it possible for a CW (or SSB) filter to go bad? I
> recently bought a used YG455C-1 500hz CW filter from a
> ham dealer. Installed it in my Kenwood TS690, and...
> nothing! I turned the filter on in the menus, but I
> hear nothing when putting it in line. Could the
> filter be bad? Is there something rig related that I
> am missing to get it to work?
>
> 73s John W5TD
>
> _____
> Get your email and see which of your friends are online - Right on the
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>
>
>
>
>

5246. Re: Bad CW filter?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-11-02 15:12:56 UTC
From: Clif
Topic: 5244 Message: 5246

Remove the filter and look very closely where the pins are soldered to
the PCB. After numerous insertions it's common for the trace to crack
from removing the filter by grabbing it rather than the PCB. If you
can't see a crack then resolder the pins. If it's cracked the pad
around the pin will come loose. This is the most common problem. I
have seen bad filters but very few.

Clif

--- In TS-850_450_690@yahoogroups.com, John Geiger <johngeig@...> wrote:
>
> Here is an issue I haven't seen discussed before. Is
> it possible for a CW (or SSB) filter to go bad? I
> recently bought a used YG455C-1 500hz CW filter from a
> ham dealer. Installed it in my Kenwood TS690, and...
> nothing! I turned the filter on in the menus, but I
> hear nothing when putting it in line. Could the
> filter be bad? Is there something rig related that I
> am missing to get it to work?
>
> 73s John W5TD
>
>
>
>

> Get your email and see which of your friends are online - Right on
the New Yahoo.com
> (http://www.yahoo.com/preview)
>

5247. Re: Restoring TS850S - anyone got a spare top cover please?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-11-02 18:38:54 UTC
From: Rick
Topic: 5237 Message: 5247

You may be able to find one at partstore.com

--- In TS-850_450_690@yahoogroups.com, "Slowchordchanger"
<g3zrj.morsekey@...> wrote:
>
> Hi,
> I'm sorting out a TS850S which has had a hard life, I need the
small top cover (the cover for the voice unit/dip switches for filter
selection).
> Please let me know if you could sell me a top cover.
>
> Also, is it normal to be able to hear the opposite side of a CW
signal when listening in CW mode? - am I doing something wrong?
>
> Many thanks
> 73
> Tony
>
> [Non-text portions of this message have been removed]
>

5248. RE: [TS-850_450_690] Bad CW filter?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-11-02 22:29:25 UTC
From: Steve Gehring
Topic: 5244 Message: 5248

Hi John,

If worse comes to worse, find someone with a spectrum analyzer (w/ tracking generator) and check its bandpass characteristics. Granted, there will be an impedance mismatch, but this avenue should work, as long as you don't apply too much juice to it (equal to or less than 0 dBm). I'd dump -20 dBm into the filter for checkout. 73.

Steve, NL7W

-----Original Message-----
From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of John Geiger
Sent: Wednesday, November 01, 2006 8:42 PM
To: ts-850_450_690@yahoogroups.com; kenwood@...
Subject: [TS-850_450_690] Bad CW filter?

Here is an issue I haven't seen discussed before. Is
it possible for a CW (or SSB) filter to go bad? I
recently bought a used YG455C-1 500hz CW filter from a
ham dealer. Installed it in my Kenwood TS690, and...
nothing! I turned the filter on in the menus, but I
hear nothing when putting it in line. Could the
filter be bad? Is there something rig related that I
am missing to get it to work?

73s John W5TD

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Yahoo.com
(http://www.yahoo.com/preview)

--
No virus found in this outgoing message.
Checked by AVG Free Edition.
Version: 7.1.409 / Virus Database: 268.13.24/514 - Release Date: 11/2/2006

5249. TS-850 intermittent receive upon power up

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-11-03 03:57:01 UTC
From: kc9enh
Topic: 5249 Message: 5249

Sometimes I have no receive audio when first powering up my rig. If I change bands and then back I then hear OK. I wonder if this has something to do with the autotuner. Any ideas?

K9DEH

5250. Re: [TS-850_450_690] TS-850 intermittent receive upon power up

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-11-03 07:20:15 UTC
From: Paul
Topic: 5249 Message: 5250

first check if your squelch control is in a critical position. It hppened to me once.

Paul

kc9enh <kc9enh@...> wrote:
Sometimes I have no receive audio when first powering up my rig. If I
change bands and then back I then hear OK. I wonder if this has
something to do with the autotuner. Any ideas?

K9DEH

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http://mail.yahoo.com

[Non-text portions of this message have been removed]

5251. Another filter question/problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-11-04 23:51:24 UTC
From: John Geiger
Topic: 5251 Message: 5251

I just installed a Kenwood YK88C-1 filter in my TS690 in time for the November SS (thanks to Associated Radio for sending it priority mail so I could have it by contest time). However, when I put the filter in line I have to turn the IF shift completely to the right to put it on the right receive frequency. It is fine with the filter out of line, where the IF shift is centerd, as it is supposed to be. Also, with the filter in line I was hearing some loud stations on the other side of the zero beat.

This is a used filter, so I have no idea as to its history, but anyone have an idea as to what is going on? Is it the filter or the rig that is out of alignment here?

Guess it isn't my week for CW filters.

73s John W5TD

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(http://music.yahoo.com/unlimited)

5252. Re: Another filter question/problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-11-05 16:08:17 UTC
From: Bill P.
Topic: 5251 Message: 5252

some radios need a setup item in the main power on menu. Bill k6acj

-- In TS-850_450_690@yahoogroups.com, John Geiger <johngeig@...>
wrote:
>
> I just installed a Kenwood YK88C-1 filter in my TS690
> in time for the November SS (thanks to Associated
> Radio for sending it priority mail so I could have it
> by contest time). However, when I put the filter in
> line I have to turn the IF shift completely to the
> right to put it on the right receive frequency. It is
> fine with the filter out of line, where the IF shift
> is centerd, as it is supposed to be. Also, with the
> filter in line I was hearing some loud stations on the
> other side of the zero beat.
>
> This is a used filter, so I have no idea as to its
> history, but anyone have an idea as to what is going
> on? Is it the filter or the rig that is out of
> alignment here?
>
> Guess it isn't my week for CW filters.
>
> 73s John W5TD
>
>
>
>

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> (http://music.yahoo.com/unlimited)
>

5253. WTB: Kenwood Filters

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-11-06 20:49:52 UTC
From: John Geiger
Topic: 5253 Message: 5253

I am looking for a Kenwood YK88C-1 500hz CW filter,
and a YG455C-1 or YK455C-1 500hz CW filter for my
Kenwood TS690SAT. Would also be interested in a
YK88Sn-1 SSB filter. Prefer to pay with paypal but
can send a MO also.

73s John W5TD

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http://www.netflix.com/Signup?mqso=80010030

5254. Re: Another filter question/problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-11-10 15:32:48 UTC
From: ea2bsn
Topic: 5251 Message: 5254

I have a similar issue with a SSB narrow filter.

Check here:

http://groups.yahoo.com/group/TS-850_450_690/message/4509

As you can see there is no unanimity in the replies about if that is
an issue or not. However I also have a YK-88CN-1 and it works fine
without moving the IF shift.

73

--- In TS-850_450_690@yahoogroups.com, John Geiger <johngeig@...>
wrote:
>
> I just installed a Kenwood YK88C-1 filter in my TS690
> in time for the November SS (thanks to Associated
> Radio for sending it priority mail so I could have it
> by contest time). However, when I put the filter in
> line I have to turn the IF shift completely to the
> right to put it on the right receive frequency. It is
> fine with the filter out of line, where the IF shift
> is centerd, as it is supposed to be. Also, with the
> filter in line I was hearing some loud stations on the
> other side of the zero beat.
>
> This is a used filter, so I have no idea as to its
> history, but anyone have an idea as to what is going
> on? Is it the filter or the rig that is out of
> alignment here?
>
> Guess it isn't my week for CW filters.
>
> 73s John W5TD
>
>
>
>

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> (http://music.yahoo.com/unlimited)
>

5255. Service manual TS-850S fully colored 213 MB

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-11-10 15:15:18 UTC
From: holzschlapfen
Topic: 5255 Message: 5255

Hi all
I scanned my service manual with truely 400x400 dpi in full color
A4/A3 as pdf. So you can resize to 400% with high resolution details
You can see one page of the 205 pages, the whole manual has 213 MB.
http://f1.grp.yahoofs.com/v1/8JNURedinaRCQlVUv5U_XDqrrO_X0MzfTE4J_1GrqwrnixDrqcudblp2w--E5dgsnIUK-b7uCUACLCxcfwamGtkxmOInLQQw-COQ/SMTS_850_A3_203_204.pdf
I am looking for the same quality service manual for TS-950 SDX in
exchange.
kr
Joe

5256. Re: Service manual TS-850S fully colored 213 MB

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-11-11 23:10:51 UTC
From: Ronald Real
Topic: 5255 Message: 5256

Nice, thanks! It would be nice to have the rest of the 213 MB files.

WR5RR

--- In TS-850_450_690@yahoogroups.com, "holzschlapfen" <8ung@...>
wrote:
>
> Hi all
> I scanned my service manual with truely 400x400 dpi in full color
> A4/A3 as pdf. So you can resize to 400% with high resolution details
> You can see one page of the 205 pages, the whole manual has 213 MB.
>
http://f1.grp.yahoofs.com/v1/8JNURedinaRCQlVUv5U_XDqrrO_X0MzfTE4J_1Grqw
rnixDrqcudblp2w--E5dgsnIUK-b7uCUACLCxcfwamGtkxmOInLQQw-
COQ/SMTS_850_A3_203_204.pdf
> I am looking for the same quality service manual for TS-950 SDX in
> exchange.
> kr
> Joe
>

5257. Re: Service manual TS-850S fully colored 213 MB

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-11-12 15:11:01 UTC
From: usbpk9agent
Topic: 5255 Message: 5257

I have 10 gigs of space on my server if you wish I can send you a
login/password to upload it for eveyone to download. email me direct.

Jeff

--- In TS-850_450_690@yahoogroups.com, "Ronald Real" <wr5rr@...> wrote:
>
> Nice, thanks! It would be nice to have the rest of the 213 MB files.
>
> WR5RR
>
> --- In TS-850_450_690@yahoogroups.com, "holzschlapfen" <8ung@>
> wrote:
> >
> > Hi all
> > I scanned my service manual with truely 400x400 dpi in full color
> > A4/A3 as pdf. So you can resize to 400% with high resolution details
> > You can see one page of the 205 pages, the whole manual has 213 MB.
> >
> http://f1.grp.yahoofs.com/v1/8JNURedinaRCQlVUv5U_XDqrrO_X0MzfTE4J_1Grqw
> rnixDrqcudblp2w--E5dgsnIUK-b7uCUACLCxcfwamGtkxmOInLQQw-
> COQ/SMTS_850_A3_203_204.pdf
> > I am looking for the same quality service manual for TS-950 SDX in
> > exchange.
> > kr
> > Joe
> >
>

5258. Re: {Disarmed} [TS-850_450_690] Re: Service manual TS-850S fully colored 213 MB

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-11-12 19:29:03 UTC
From: Paul Spiteri
Topic: 5258 Message: 5258

Hi Jeff,
can you please send me a login/password cause I am also interested to download the service manual in colour. Please send me direct to my e-mail 9h1sp@...
73's and thanks in advance
de'
9H1SP
Paul
9H HF Manager

----- Original Message -----
From: usbpk9agent
To: TS-850_450_690@yahoogroups.com
Sent: Sunday, November 12, 2006 4:11 PM
Subject: {Disarmed} [TS-850_450_690] Re: Service manual TS-850S fully colored 213 MB

I have 10 gigs of space on my server if you wish I can send you a
login/password to upload it for eveyone to download. email me direct.

Jeff

--- In TS-850_450_690@yahoogroups.com, "Ronald Real" <wr5rr@...> wrote:
>
> Nice, thanks! It would be nice to have the rest of the 213 MB files.
>
> WR5RR
>
> --- In TS-850_450_690@yahoogroups.com, "holzschlapfen" <8ung@>
> wrote:
> >
> > Hi all
> > I scanned my service manual with truely 400x400 dpi in full color
> > A4/A3 as pdf. So you can resize to 400% with high resolution details
> > You can see one page of the 205 pages, the whole manual has 213 MB.
> >
> http://f1.grp.yahoofs.com/v1/8JNURedinaRCQlVUv5U_XDqrrO_X0MzfTE4J_1Grqw
> rnixDrqcudblp2w--E5dgsnIUK-b7uCUACLCxcfwamGtkxmOInLQQw-
> COQ/SMTS_850_A3_203_204.pdf
> > I am looking for the same quality service manual for TS-950 SDX in
> > exchange.
> > kr
> > Joe
> >
>

--
This message has been scanned for viruses and
dangerous content by MailScanner, and is
believed to be clean.

[Non-text portions of this message have been removed]

5259. Re: Service manual TS-850S fully colored 213 MB

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-11-12 23:57:02 UTC
From: Steve Gehring
Topic: 5258 Message: 5259

I'd sure like to download this color service manual myself – please let me know when it's available for download.

Thanks!

Steve, NL7W

----- Original Message -----
From: usbpk9agent
To: TS-850_450_690@...m
Sent: Sunday, November 12, 2006 4:11 PM
Subject: {Disarmed} [TS-850_450_690] Re: Service manual TS-850S fully colored 213 MB

I have 10 gigs of space on my server if you wish I can send you a login/password to upload it for everyone to download. email me direct.

Jeff

--- In TS-850_450_690@yahoogroups.com, "Ronald Real" <wr5rr@...> wrote:
>
> Nice, thanks! It would be nice to have the rest of the 213 MB files.
>
> WR5RR
>
> --- In TS-850_450_690@yahoogroups.com, "holzschlapfen" <8ung@>
> wrote:
> >
> > Hi all
> > I scanned my service manual with truely 400x400 dpi in full color
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> > You can see one page of the 205 pages, the whole manual has 213 MB.
> >
> http://f1.grp.yahoofs.com/v1/8JNURedinaRCQlVUv5U_XDqrrO_X0MzfTE4J_1Grqw
> rnixDrqcudblp2w--E5dgsnIUK-b7uCUACLCxcfwamGtkxmOInLQQw-
> COQ/SMTS_850_A3_203_204.pdf
> > I am looking for the same quality service manual for TS-950 SDX in
> > exchange.
> > kr
> > Joe

--
No virus found in this outgoing message.
Checked by AVG Free Edition.
Version: 7.1.409 / Virus Database: 268.14.3/530 - Release Date: 11/11/2006

5260. ts 450 help

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-11-14 19:22:50 UTC
From: paul9h1sp
Topic: 5260 Message: 5260

Hi everybody,
Can someone please tell me if the TS-450 has the elctronic
keyer inside it allready like the TS-850 ? The TS-850 has the
electronic keyer on/off switch on the back. Is the TS-450 SAT has ??
73's de'
9H1SP
Paul

5261. Re: [TS-850_450_690] ts 450 help

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-11-14 20:31:24 UTC
From: SM7YGZ
Topic: 5260 Message: 5261

I do not think that the 450 has that feature.
73
/SM7YGZ
Rob

> Hi everybody,
> Can someone please tell me if the TS-450 has the elctronic
> keyer inside it allready like the TS-850 ? The TS-850 has the
> electronic keyer on/off switch on the back. Is the TS-450 SAT has ??
> 73's de'
> 9H1SP
> Paul
>
>
>

5262. Re: {Disarmed} Re: [TS-850_450_690] ts 450 help

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-11-14 20:42:56 UTC
From: Paul Spiteri
Topic: 5262 Message: 5262

Thanks Rob for your kindly help
73's de'
9H1SP

----- Original Message -----
From: SM7YGZ
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, November 14, 2006 9:31 PM
Subject: {Disarmed} Re: [TS-850_450_690] ts 450 help

I do not think that the 450 has that feature.
73
/SM7YGZ
Rob

> Hi everybody,
> Can someone please tell me if the TS-450 has the elctronic
> keyer inside it allready like the TS-850 ? The TS-850 has the
> electronic keyer on/off switch on the back. Is the TS-450 SAT has ??
> 73's de'
> 9H1SP
> Paul
>
>
>

--
This message has been scanned for viruses and
dangerous content by MailScanner, and is
believed to be clean.

[Non-text portions of this message have been removed]

5263. Re: [TS-850_450_690] ts 450 help

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-11-14 21:03:23 UTC
From: John Geiger
Topic: 5260 Message: 5263

You are correct-there is no internal keyer in the
450/690. A great oversight by Kenwood on an otherwise
great rig.

73s John W5TD

--- SM7YGZ <sm7ygz@...> wrote:

> I do not think that the 450 has that feature.
> 73
> /SM7YGZ
> Rob
>
> > Hi everybody,
> > Can someone please tell me if the TS-450
> has the elctronic
> > keyer inside it allready like the TS-850 ? The
> TS-850 has the
> > electronic keyer on/off switch on the back. Is
> the TS-450 SAT has ??
> > 73's de'
> > 9H1SP
> > Paul
> >
> >
> >
>
>

Do you Yahoo!?
Everyone is raving about the all-new Yahoo! Mail beta.
http://new.mail.yahoo.com

5264. Connection cable from Kenwood TS-850S to Dell XPS-400 for use with ham radio del

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-11-15 20:15:42 UTC
From: kn6ds
Topic: 5264 Message: 5264

This is my 1st post to the group.
What is the correct cable to hook up Kenwood TS-850S to Dell XPS-400
computer to use ham radio deluxe.
Thanks in advance for any help.
Hilary E. Casey
KN6DS

5265. FS: Electronic Keyer

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-11-15 18:17:55 UTC
From: John Geiger
Topic: 5265 Message: 5265

I have for sale an MFJ 8044 IC electric keyer. It does both grid block (tube rigs) and direct (solid state rigs) keying. Has controls for speed, weight, tone, and volume (for its built in speaker), and also will do semi automatic keyer, with a steady carrier tune position. It runs off of a 9 volt battery and I will include the cable to go between the keyer and the rig. With the built in speaker it would also make a nice code oscillator. I am asking $30 plus shipping.

73s John W5TD

Sponsored Link

$200,000 mortgage for $660/ mo -
30/15 yr fixed, reduce debt -
http://yahoo.ratemarketplace.com

5266. Re: Connection cable from Kenwood TS-850S to Dell XPS-400 for use with ham radio

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-11-15 21:56:28 UTC
From: ve3tmt
Topic: 5264 Message: 5266

```
--- In TS-850_450_690@yahoogroups.com, "kn6ds" <kn6ds@...> wrote:
>
> This is my 1st post to the group.
> What is the correct cable to hook up Kenwood TS-850S to Dell XPS-400
> computer to use ham radio deluxe.
> Thanks in advance for any help.
> Hilary E. Casey
> KN6DS

Hilary,

You need an RS232-TTL converter between the radio and serial port. You
cannot hook the radio directly to the computer.

Max
```

5267. Re: [TS-850_450_690] Connection cable from Kenwood TS-850S to Dell XPS-400 for use with ham radio del

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-11-15 23:46:39 UTC
From: ve3wej gmail
Topic: 5264 Message: 5267

you will need the if232c option mentioned in the manual, or an equivelent. check the web for if232c cloes, some are serial, some are usb, you have to figure what your computer will be ok using

here is one example

http://www.g4zlp.co.uk/unified/KenwoodCAT.htm

----- Original Message -----
From: kn6ds
To: TS-850_450_690@yahoogroups.com
Sent: Wednesday, November 15, 2006 3:15 PM
Subject: [TS-850_450_690] Connection cable from Kenwood TS-850S to Dell XPS-400 for use with ham radio del

This is my 1st post to the group.
What is the correct cable to hook up Kenwood TS-850S to Dell XPS-400
computer to use ham radio deluxe.
Thanks in advance for any help.
Hilary E. Casey
KN6DS

[Non-text portions of this message have been removed]

5268. Re: Connection cable from Kenwood TS-850S to Dell XPS-400 for use with ham radio del

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-11-16 18:22:47 UTC
From: s51dx
Topic: 5264 Message: 5268

Hi!
I use just one 5V zener diode with the 470 ohm resistor.
The Ham radio deluxe and N1MM Loger works perfect
(some says its works with the N6TR logger to.
Half of Slovenian TS850 users used this scheme from K6LL.
It can be found on mods.dk, or if you want I can
e-mail the scheme to you.

GL de Janez S51DX

--- In TS-850_450_690@yahoogroups.com, "ve3wej gmail" <ve3wej@...>
wrote:
>
> you will need the if232c option mentioned in the manual, or an
equivelent. check the web for if232c cloes, some are serial, some
are usb, you have to figure what your computer will be ok using
>
> here is one example
>
> http://www.g4zlp.co.uk/unified/KenwoodCAT.htm
>
>
> ----- Original Message -----
> From: kn6ds
> To: TS-850_450_690@yahoogroups.com
> Sent: Wednesday, November 15, 2006 3:15 PM
> Subject: [TS-850_450_690] Connection cable from Kenwood TS-850S
to Dell XPS-400 for use with ham radio del
>
>
> This is my 1st post to the group.
> What is the correct cable to hook up Kenwood TS-850S to Dell XPS-
400
> computer to use ham radio deluxe.
> Thanks in advance for any help.
> Hilary E. Casey
> KN6DS
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

5269. 850 DDL board

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-11-17 12:23:37 UTC
From: DAVE ...M0BZK
Topic: 5269 Message: 5269

Hi, I have just had my repair shop on to me after I had taken my dead 850 in for repair, sending cw UL, they have said that caps had leaked on the DDL board and had taken out the 3 IC's. The cost of repair is estimated to be around £230. does anyone know the availability and cost of the IC's or if another board is available as the cost might mean I have to scrap the rig.
Dave M0BZK

5270. Display for TS850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-11-17 14:20:11 UTC
From: vk6rz
Topic: 5270 Message: 5270

I have a damaged display on my 850. The part is unobtainable through official channels. Can anyone help me find one through an unofficial channel, or does anyone have an old 850 being ripped apart but still has a good display?

Thanks,, Peter, VK6RZ

5271. Re: [TS-850_450_690] 850 DDL board

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-11-17 15:36:50 UTC
From: John Kuklewicz N7ZN
Topic: 5269 Message: 5271

Dave, I recently replaced the DDS board (CAR board) in a TS-850
S/N 301xxxxx

Purchased from East Coast Transistor for about $210
(ref: http://www.kenwoodparts.com/)
The CAR board is p/n X50-3140-00
Don't know how difficult it would be to get this shipped into
the UK.

Changing the board is very easy. Replacing the DDS chips is
pretty exacting work - high pin count small pitch surface mount
packages.

Hope this helps.

73 John N7ZN

DAVE ...M0BZK wrote:
> Hi, I have just had my repair shop on to me after I had taken my dead
> 850 in for repair, sending cw UL, they have said that caps had leaked
> on the DDL board and had taken out the 3 IC's. The cost of repair is
> estimated to be around ?230. does anyone know the availability and
> cost of the IC's or if another board is available as the cost might
> mean I have to scrap the rig.
> Dave M0BZK
>
>
>
>
> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
>
>
>
>
>

5272. Re: [TS-850_450_690] 850 DDL board

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-11-17 16:17:47 UTC
From: Ole
Topic: 5269 Message: 5272

DAVE ...M0BZK skrev:
> Hi, I have just had my repair shop on to me after I had taken my dead
> 850 in for repair, sending cw UL, they have said that caps had leaked
> on the DDL board and had taken out the 3 IC's. The cost of repair is
> estimated to be around ?230. does anyone know the availability and
> cost of the IC's or if another board is available as the cost might
> mean I have to scrap the rig.
> Dave M0BZK
>
>
>
>
>
>

Hi!

I have an extra DDL board. I could send it to you for ?120 incl. postage.
(It's from a spare 850 (no display! Hi!)

--
med venlig hilsen/regards

Ole Lundsgaard
(oz2ql)

5273. Re: [TS-850_450_690] 850 DDL board

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-11-17 13:41:57 UTC
From: Charles Mortimer
Topic: 5269 Message: 5273

hallo Dave
that's daylight robbery compared to them Ned Kelly was a gentleman
those caps are a simple job not sure of the IC prices check with the group members don't scrap the radio have a go yourself or go to your local club for advice there is always willing help there to show you what to do
the costing of that repair job estimate converted to us dollars equates to $ 433.657 US DOLLARS and in Australian dollars the costing is $ 567 .068 au Australian dollars no wonder most of us fix our own equipment
my advice Dave have a go at it yourself enlist a good mentor from your local club to guide you sorry I cant help toooo far away
Charles vk6ycj g1fak

----- Original Message -----
From: DAVE ...M0BZK
To: TS-850_450_690@yahoogroups.com
Sent: Friday, November 17, 2006 8:23 PM
Subject: [TS-850_450_690] 850 DDL board

Hi, I have just had my repair shop on to me after I had taken my dead 850 in for repair, sending cw UL, they have said that caps had leaked on the DDL board and had taken out the 3 IC's. The cost of repair is estimated to be around £230. does anyone know the availability and cost of the IC's or if another board is available as the cost might mean I have to scrap the rig.
Dave M0BZK

[Non-text portions of this message have been removed]

5274. Re: 850 DDL board

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-11-19 11:05:26 UTC
From: Peter
Topic: 5269 Message: 5274

--- In TS-850_450_690@yahoogroups.com, "DAVE ...M0BZK"
<bletchleynet@...> wrote:
>
> Hi, I have just had my repair shop on to me after I had taken my dead

Dave

This sounds expensive.

The board is available from the states for about $200, but everywhere
seems out of stock at the moment.

I had two chips go down on my radio.

They were replaced by a local ham for £30 labour. The chips cost about
$36 each from states www.eastcoasttransistor.com.

They are very tricky to replace without the correct know-how and
experience (surface mount with about 100 pins each, so I think this
was a bargain.

East coast were excellent to deal with in the UK, so highly recomended.

If you are near the liverpool area send me e-mail and I will give you
number of ham who replaced mine (if he is happy for me to send it).

regards

Peter
peter@...

5275. Re: 850 DDL board

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-11-19 20:28:11 UTC
From: ve3thr
Topic: 5269 Message: 5275

Just a FYI.
I recently had my 850 in the shop for the same problem. After turning the rig on the display would go blank and " UL " would be heard from the spkr. After a couple of minutes, the rig would settle down and thr rx'er would work. Seemed ok for a while untill one day it never came back. The 6db ATT switch did not function either.
About $565.00 later, they replaced:
2 x DDS chips
15 electrolytic caps
1 VCO
1 DC-DC sub assembly
1 lithium battery - for @ 25 fricken dollars!!!!
4 hours labor

Note on the workorder says defective DDS Assembly, leaking caps, out of allignment and bad VCO2.
The rig works FB now but this was the 1st time it's been to the shop since 1992. Upon looking at the capacitors, there was no visual leakage - trouble is internal - can't do this by eye.
To me the rig was worth it BUT it hurt just the same!
Tom VE3THR

--- In TS-850_450_690@yahoogroups.com, Ole <olu@...> wrote:
>
> DAVE ...M0BZK skrev:
> > Hi, I have just had my repair shop on to me after I had taken my dead
> > 850 in for repair, sending cw UL, they have said that caps had leaked
> > on the DDL board and had taken out the 3 IC's. The cost of repair is
> > estimated to be around £230. does anyone know the availability and
> > cost of the IC's or if another board is available as the cost might
> > mean I have to scrap the rig.
> > Dave M0BZK
> >
> >
> >
> >
> >
> >
>
> Hi!
>

> I have an extra DDL board. I could send it to you for £120 incl.
postage.
> (It's from a spare 850 (no display! Hi!)
>
> --
> med venlig hilsen/regards
>
> Ole Lundsgaard
> (oz2ql)
>

5276. [TS-850_450_690] Re: Service manual TS-850S fully colored 213 MB

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-11-20 11:58:43 UTC
From: GuilleW
Topic: 5258 Message: 5276

Hi
I?d be really interested to have it too. Please let me know.

Thanks Joe and Jeff

Regards

Guillermo, LW7EWN

-----Mensaje original-----
De: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]En nombre de Steve Gehring
Enviado el: Domingo, 12 de Noviembre de 2006 08:57 p.m.
Para: TS-850_450_690@yahoogroups.com
Asunto: [TS-850_450_690] Re: Service manual TS-850S fully colored 213 MB

I?d sure like to download this color service manual myself ? please let me know when it?s available for download.

Thanks!

Steve, NL7W

----- Original Message -----
From: usbpk9agent
To: TS-850_450_690@yahoogroups.com
Sent: Sunday, November 12, 2006 4:11 PM
Subject: {Disarmed} [TS-850_450_690] Re: Service manual TS-850S fully colored 213 MB

I have 10 gigs of space on my server if you wish I can send you a login/password to upload it for everyone to download. email me direct.

Jeff

--- In TS-850_450_690@yahoogroups.com, "Ronald Real" <wr5rr@...> wrote:
>
> Nice, thanks! It would be nice to have the rest of the 213 MB files.
>
> WR5RR
>
> --- In TS-850_450_690@yahoogroups.com, "holzschlapfen" <8ung@>
> wrote:
> >
> > Hi all
> > I scanned my service manual with truely 400x400 dpi in full color
> > A4/A3 as pdf. So you can resize to 400% with high resolution details
> > You can see one page of the 205 pages, the whole manual has 213 MB.

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> http://f1.grp.yahoofs.com/v1/8JNURedinaRCQlVUv5U_XDqrrO_X0MzfTE4J_1Grqw
> rnixDrqcudblp2w--E5dgsnIUK-b7uCUACLCxcfwamGtkxmOInLQQw-
> COQ/SMTS_850_A3_203_204.pdf
> > I am looking for the same quality service manual for TS-950 SDX in
> > exchange.
> > kr
> > Joe

--
No virus found in this outgoing message.
Checked by AVG Free Edition.
Version: 7.1.409 / Virus Database: 268.14.3/530 - Release Date: 11/11/2006

THANKS FOR USING TS-850_450_690@...
Yahoo! Groups Links

5277. FS: TS-850S/AT, ALL Filters, DRU-2, Amp Keying Cable

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-11-22 02:00:05 UTC
From: ken.kk0a
Topic: 5277 Message: 5277

Hello, another ham buddy of mine has a rig that I'd like to buy so I'm considering selling my 850. I'd give the cosmetics about an 8 mostly because of wear on the sharp edges of the front panel but the face is excellent and the display is only a couple months old, it was replaced by Luther so there would be no worries about the bad cap ruining anything it's all new. I have the original manual which has had little use because there's also a printed copy along with a printed copy of the service manual that was kept in a 3 ring binder, I have the original up/down mic with little use, Kenwood double boxes and inserts, it has the 1.8SSB filter in the 8.83 IF, the 500Hz CW filter in the other 8.83 IF slot, and the 2.4SSB filter in the 455 IF Slot. It also has the DRU-2 installed which works better than any other rig I've had a digital recorder in. It has had the MARS mod, and also the Noise Blanker mod which makes the NB work tons better. The radio that I'd like to buy from my buddy has a built in power supply, so I'd also like to sell my Samlex 1223 23Amp power supply with the radio but would also sell without. Not sure what to sell this for with all the accessories and new display and power supply, so I'm open to offers. I would take M.O. or Paypal and I do NOT charge the buyer my seller fees.

73, Ken
KK0A
my call @ qrz.com

5278. TS850 Dead in TX, only 2 watts output

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-11-23 19:03:09 UTC
From: javijust
Topic: 5278 Message: 5278

Hi
Thanks for read this post.
I've a TS850 that is dead in TX, the power output is below 2 watts in all bands and modes, the power supply meter says 5 Ampers at 14 volts in TX for this 2 RF watts. In RX works fine. It happended after electric storm. Another TS850 with the same PSU and Antena works fine.

I'm not sure if there are a fuse inside.
Is posible DC-DC problem, or a end transistor fail?. Any idea for begin the troubleshoting.

Thanks in advance.

Xavier
EA3EYD

5279. Re: [TS-850_450_690] TS850 Dead in TX, only 2 watts output

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-11-23 19:31:20 UTC
From: Alexandr Kobranov
Topic: 5278 Message: 5279

Hi Xavier,
what is ALC meter indicating?
If full scale and your power control is fully clockwise turned there is
maybe DC-DC problem.
It is very simple to fix - as I have experince :-(
Good luck!
Lexa,
ok1dst

javijust napsal(a):
> Hi
> Thanks for read this post.
> I've a TS850 that is dead in TX, the power output is below 2 watts in
> all bands and modes, the power supply meter says 5 Ampers at 14 volts
> in TX for this 2 RF watts. In RX works fine. It happended after
> electric storm. Another TS850 with the same PSU and Antena works fine.
>
> I'm not sure if there are a fuse inside.
> Is posible DC-DC problem, or a end transistor fail?. Any idea for
> begin the troubleshoting.
>
> Thanks in advance.
>
> Xavier
> EA3EYD
>
>
>
>
>
>
> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
>
>
>
>
>

5280. TS850 Battery

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-11-24 09:35:37 UTC
From: Paul
Topic: 5280 Message: 5280

The serial number of my TS850 starts with 410..... Do I really need to change the memory battery ?
Are some models fitted witha battery socket ??

Paul

[Non-text portions of this message have been removed]

5281. Re: TS850 Battery

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-11-24 14:56:22 UTC
From: ve3tmt
Topic: 5280 Message: 5281

--- In TS-850_450_690@yahoogroups.com, Paul <malti7388@...> wrote:
>
> The serial number of my TS850 starts with 410.......... Do I really need to change the memory battery ?
> Are some models fitted witha battery socket ??
>
> Paul

Paul,

If that is the original battery, it is 14 years old. Might be a good idea to check it. All the batteries are soldered directly to the digital board. It is not difficult at all to replace them. Better off to buy a battery holder and mount it up under the top hatch so it will be easier to get at next time. Old motherboards have battery holders on them.

Max

5282. Re: TS850 Dead in TX, only 2 watts output

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-11-24 16:36:28 UTC
From: javijust
Topic: 5278 Message: 5282

Hi Alex
The ALC meter is always down, with the power control fully
clockwise. There are also no power out transmiting in CW or FM and
AM.

Xavier

--- In TS-850_450_690@yahoogroups.com, Alexandr Kobranov
<kobranov@...> wrote:
>
> Hi Xavier,
> what is ALC meter indicating?
> If full scale and your power control is fully clockwise turned
there is
> maybe DC-DC problem.
> It is very simple to fix - as I have experince :-(
> Good luck!
> Lexa,
> ok1dst
>
>
> javijust napsal(a):
> > Hi
> > Thanks for read this post.
> > I've a TS850 that is dead in TX, the power output is below 2
watts in
> > all bands and modes, the power supply meter says 5 Ampers at 14
volts
> > in TX for this 2 RF watts. In RX works fine. It happended after
> > electric storm. Another TS850 with the same PSU and Antena works
fine.
> >
> > I'm not sure if there are a fuse inside.
> > Is posible DC-DC problem, or a end transistor fail?. Any idea
for
> > begin the troubleshoting.
> >
> > Thanks in advance.
> >
> > Xavier
> > EA3EYD
> >
> >
> >
> >

> >
> >
> > THANKS FOR USING TS-850_450_690@...
> > Yahoo! Groups Links
> >
> >
> >
> >
> >
>

5283. Re: [TS-850_450_690] Re: TS850 Battery

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-11-24 20:36:16 UTC
From: Paul
Topic: 5280 Message: 5283

Max & Dave,
Thanks fer the info

Must work on it this weekend

73's
Paul
9H1FQ

----- Original Message ----
From: ve3tmt <ve3tmt@...>
To: TS-850_450_690@yahoogroups.com
Sent: Friday, November 24, 2006 3:56:22 PM
Subject: [TS-850_450_690] Re: TS850 Battery

--- In TS-850_450_690@ yahoogroups. com, Paul <malti7388@. ..> wrote:

>

> The serial number of my TS850 starts with 410..... . Do I really

need to change the memory battery ?

> Are some models fitted witha battery socket ??

>

> Paul

Paul,

If that is the original battery, it is 14 years old. Might be a good

idea to check it. All the batteries are soldered directly to the

digital board. It is not difficult at all to replace them. Better off

to buy a battery holder and mount it up under the top hatch so it will

be easier to get at next time. Old motherboards have battery holders

on them.

Max

<!--

#ygrp-mlmsg {font-size:13px;font-family:arial,helvetica,clean,sans-serif;}
#ygrp-mlmsg table {font-size:inherit;font:100%;}
#ygrp-mlmsg select, input, textarea {font:99% arial,helvetica,clean,sans-serif;}

```
#ygrp-mlmsg pre, code {font:115% monospace;}
#ygrp-mlmsg * {line-height:1.22em;}
#ygrp-text{
font-family:Georgia;
}
#ygrp-text p{
margin:0 0 1em 0;
}
#ygrp-tpmsgs{
font-family:Arial;
clear:both;
}
#ygrp-vitnav{
padding-top:10px;
font-family:Verdana;
font-size:77%;
margin:0;
}
#ygrp-vitnav a{
padding:0 1px;
}
#ygrp-actbar{
clear:both;
margin:25px 0;
white-space:nowrap;
color:#666;
text-align:right;
}
#ygrp-actbar .left{
float:left;
white-space:nowrap;
}
.bld{font-weight:bold;}
#ygrp-grft{
font-family:Verdana;
font-size:77%;
padding:15px 0;
}
#ygrp-ft{
font-family:verdana;
font-size:77%;
border-top:1px solid #666;
padding:5px 0;
}
#ygrp-mlmsg #logo{
padding-bottom:10px;
}

#ygrp-vital{
background-color:#e0ecee;
```

```
margin-bottom:20px;
padding:2px 0 8px 8px;
}
#ygrp-vital #vithd{
font-size:77%;
font-family:Verdana;
font-weight:bold;
color:#333;
text-transform:uppercase;
}
#ygrp-vital ul{
padding:0;
margin:2px 0;
}
#ygrp-vital ul li{
list-style-type:none;
clear:both;
border:1px solid #e0ecee;
}
#ygrp-vital ul li .ct{
font-weight:bold;
color:#ff7900;
float:right;
width:2em;
text-align:right;
padding-right:.5em;
}
#ygrp-vital ul li .cat{
font-weight:bold;
}
#ygrp-vital a {
text-decoration:none;
}

#ygrp-vital a:hover{
text-decoration:underline;
}

#ygrp-sponsor #hd{
color:#999;
font-size:77%;
}
#ygrp-sponsor #ov{
padding:6px 13px;
background-color:#e0ecee;
margin-bottom:20px;
}
#ygrp-sponsor #ov ul{
padding:0 0 0 8px;
margin:0;
}
```

```
#ygrp-sponsor #ov li{
list-style-type:square;
padding:6px 0;
font-size:77%;
}
#ygrp-sponsor #ov li a{
text-decoration:none;
font-size:130%;
}
#ygrp-sponsor #nc {
background-color:#eee;
margin-bottom:20px;
padding:0 8px;
}
#ygrp-sponsor .ad{
padding:8px 0;
}
#ygrp-sponsor .ad #hd1{
font-family:Arial;
font-weight:bold;
color:#628c2a;
font-size:100%;
line-height:122%;
}
#ygrp-sponsor .ad a{
text-decoration:none;
}
#ygrp-sponsor .ad a:hover{
text-decoration:underline;
}
#ygrp-sponsor .ad p{
margin:0;
}
o {font-size:0;}
.MsoNormal {
margin:0 0 0 0;
}
#ygrp-text tt{
font-size:120%;
}
blockquote{margin:0 0 0 4px;}
.replbq {margin:4;}
-->
```

[Non-text portions of this message have been removed]

5284. TS-850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-11-24 22:56:53 UTC
From: WN9D
Topic: 2579 Message: 5284

My TS-850 audio has ceased to work. The audio went out while during a QSO. Nothing from the internal or external speakers, in addition to the headphones. I would appreciate your comments and suggestions.

Thanks and '73,
Randy WN9D

[Non-text portions of this message have been removed]

5285. Re: TS850 Battery

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-11-25 02:05:26 UTC
From: ve3thr
Topic: 5280 Message: 5285

Paul, my TS850 is 14 yrs old as well. Just had Radio World change
mine while doing repairs this past january...25 bucks!!!
The old one still reads 3.3VDC. Your call. Max's idea sounds pretty
good.
Tom

>
> --- In TS-850_450_690@yahoogroups.com, Paul <malti7388@> wrote:
> >
> > The serial number of my TS850 starts with 410..... Do I
really
> need to change the memory battery ?
> > Are some models fitted witha battery socket ??
> >
> > Paul
>
>
> Paul,
>
> If that is the original battery, it is 14 years old. Might be a
good
> idea to check it. All the batteries are soldered directly to the
> digital board. It is not difficult at all to replace them. Better
off
> to buy a battery holder and mount it up under the top hatch so it
will
> be easier to get at next time. Old motherboards have battery
holders
> on them.
>
> Max
>

5286. Re: TS-850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-11-25 03:58:18 UTC
From: Clif
Topic: 2579 Message: 5286

What is the s-meter doing, in other words is it an audio problem or worse?

Is it the same in all modes? USB, LSB, CW, AM, FM???

Clif

--- In TS-850_450_690@yahoogroups.com, "WN9D" <wn9d@...> wrote:
>
>
> My TS-850 audio has ceased to work. The audio went out while during
a QSO. Nothing from the internal or external speakers, in addition to
the headphones. I would appreciate your comments and suggestions.
>
> Thanks and '73,
> Randy WN9D
>
>
>
> [Non-text portions of this message have been removed]
>

5287. LDG Auto-tuners and TS-850S

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-11-25 04:15:44 UTC
From: kn6ds
Topic: 5287 Message: 5287

It has most likely been asked and answered before, but I am new to the group. What would be the best choice of LDG auto-tuners for use with the TS-850S. My XYL wants to get me one for X-mas and wants to make the best choice.
Thanks in advance for your comments.
Hilary E. Casey
KN6DS

5288. Re: TS-850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-11-25 07:50:54 UTC
From: John
Topic: 2579 Message: 5288

--- In TS-850_450_690@yahoogroups.com, "WN9D" <wn9d@...> wrote:
>
>
> My TS-850 audio has ceased to work. The audio went out while during
a QSO. Nothing from the internal or external speakers, in addition to
the headphones. I would appreciate your comments and suggestions.
>
> Thanks and '73,
> Randy WN9D

Hi Randy,

Try these simple tests first.

Two or three checks to perform before you are tempted to open the case
are;

1. First audio amp check is easy, if you have the VS-2 voice readout
option fitted then press the button and see if it works, or borrow one
from another Ham.

2. Or check to see if the tx monitor facility is still working which
should confirm the yes/no operation of the audio power amplifier, IC6,
UPC2002V.

The VS-2 and tx monitor outputs go to the same point just ahead of the
audio amp ic.

3. Acc2 socket carries audio out on pin3 wrt pin4 ground. This is
higher up in the audio chain before the mute device, IC5, TA7324P.
Get a 13pin din plug, connect 2 wires to pins 3&4, plug into acc2 skt
and check for signs of audio on a scope.

The audio chain is implemented on the IF Unit x48-3080-00.
You can download the manual from the mods DK website.

I'll watch your thread to see how you get on.

Hope this helps you,
Good luck.

73, John G8KHS

5289. Re: LDG Auto-tuners and TS-850S

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-11-26 14:09:43 UTC
From: ve3tmt
Topic: 5287 Message: 5289

--- In TS-850_450_690@yahoogroups.com, "kn6ds" <kn6ds@...> wrote:
>
> It has most likely been asked and answered before, but I am new to the
> group. What would be the best choice of LDG auto-tuners for use with
> the TS-850S. My XYL wants to get me one for X-mas and wants to make
> the best choice.
> Thanks in advance for your comments.
> Hilary E. Casey
> KN6DS
>

I have not used any of the LDG tuners, but the SGC all work well so I
see no reason why they won't. So to answer your question...what is the
best one to go with...

...the most expensive!

73,
Max VE3TMT

5291. Re: LDG Auto-tuners and TS-850S

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-11-27 04:21:47 UTC
From: William
Topic: 5287 Message: 5291

--- In TS-850_450_690@yahoogroups.com, "kn6ds" <kn6ds@...> wrote:
>
> It has most likely been asked and answered before, but I am new to the
> group. What would be the best choice of LDG auto-tuners for use with
> the TS-850S. My XYL wants to get me one for X-mas and wants to make
> the best choice.
> Thanks in advance for your comments.
> Hilary E. Casey
> KN6DS
>

I've run my LDG Z100 with my TS-450Sat and it does better than the
internal Kenwood tuner. If I didn't need it for my TS-50 mobile it
would have a home inside on the TS-450!

73 de KB9TMP

5292. TS450SAT mic problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-11-29 08:44:15 UTC
From: rovntoma
Topic: 5292 Message: 5292

Hi all
time to time I have a problem with mic on this machine.I have a mc60 and mic gain time to time drop to zero.PTT/UP/DOWN is active,but without voice.(battery is new)Machine is working full 100w in FM mode,but in SSB of coarse zero.I tried select preamplifier and proc ON/OFF,without sucess.Only when unplug and then plug-in mic,machine is normaly working again.(I dont remember 100%,but with my old mic it was the same).Where is the problem?

5293. Re: [TS-850_450_690] TS450SAT mic problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-11-29 19:52:41 UTC
From: ve3wej gmail
Topic: 5292 Message: 5293

sounds like the mike jack or plug may be dirty, or even corroded....try cleaning fine file or steel wool......

I think you said the stock mike does this too.

----- Original Message -----
From: rovntoma
To: TS-850_450_690@yahoogroups.com
Sent: Wednesday, November 29, 2006 3:44 AM
Subject: [TS-850_450_690] TS450SAT mic problem

Hi all
time to time I have a problem with mic on this machine.I have a mc60 and mic gain time to time drop to zero.PTT/UP/DOWN is active,but without voice.(battery is new)Machine is working full 100w in FM mode,but in SSB of coarse zero.I tried select preamplifier and proc ON/OFF,without sucess.Only when unplug and then plug-in mic,machine is normaly working again.(I dont remember 100%,but with my old mic it was the same).Where is the problem?

[Non-text portions of this message have been removed]

5294. TS850, low power on 160m

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-11-29 20:54:18 UTC
From: F5HRY
Topic: 5294 Message: 5294

Hello,

A friend of mine recently bought a TS850 from a Belgian OM.

As there were some power restriction in Belgium, the 850 shows
only 10 W on 160m !

Does anyone knows how to convert these 10W to the nominal
100 W ? Is it a matter of menus or of the diode matrix behing
the front panel ?

Tnx for your help.

73
Herve F5HRY

5295. Re: [TS-850_450_690] TS450SAT mic problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-11-30 00:03:08 UTC
From: Charles Mortimer
Topic: 5292 Message: 5295

loose pins on mike socket plugs or intermitent fault in the mike lead as it goes into the mike socket test by wigling cord at mike socket and also up by the mike ,,, mike socket try and lever the femail sockets over with a verry thin jewelers screwdriver i have had both of these problems there again might be a dry solder joint on the socket inside the radio ((just a thought))
charles
----- Original Message -----
From: ve3wej gmail
To: TS-850_450_690@yahoogroups.com
Sent: Thursday, November 30, 2006 3:52 AM
Subject: Re: [TS-850_450_690] TS450SAT mic problem

sounds like the mike jack or plug may be dirty, or even corroded....try cleaning fine file or steel wool......

I think you said the stock mike does this too.

----- Original Message -----
From: rovntoma
To: TS-850_450_690@yahoogroups.com
Sent: Wednesday, November 29, 2006 3:44 AM
Subject: [TS-850_450_690] TS450SAT mic problem

Hi all
time to time I have a problem with mic on this machine.I have a mc60 and
mic gain time to time drop to zero.PTT/UP/DOWN is active,but without
voice.(battery is new)Machine is working full 100w in FM mode,but in
SSB of coarse zero.I tried select preamplifier and proc ON/OFF,without
sucess.Only when unplug and then plug-in mic,machine is normaly
working again.(I dont remember 100%,but with my old mic it was the
same).Where is the problem?

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

5296. Re: TS850, low power on 160m

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-11-30 16:16:21 UTC
From: Clif
Topic: 5294 Message: 5296

It's the diode matrix. In the European versions one has D9 and the other D10. Whichever yours has cut it. The modified US version (tx everywhere) has all diodes cut or missing. I'm speaking of D8-D12 only not all the diodes on the board.

Clif

--- In TS-850_450_690@yahoogroups.com, "F5HRY" <f5hry@...> wrote:
>
> Hello,
>
> A friend of mine recently bought a TS850 from a Belgian OM.
>
> As there were some power restriction in Belgium, the 850 shows
> only 10 W on 160m !
>
> Does anyone knows how to convert these 10W to the nominal
> 100 W ? Is it a matter of menus or of the diode matrix behing
> the front panel ?
>
> Tnx for your help.
>
> 73
> Herve F5HRY
>

5297. 450 tuner

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-11-30 23:18:11 UTC
From: Rupert Walford
Topic: 5297 Message: 5297

need help,the tuner in my 450 tuner will not stop when i can see a match on the swr meter in the radio it just keeps going and going until the audio alert tells u it can't find a match and the meter ends way to the end of the swr scale,would like some assistance in solving this problem,no problems with the antenna it does the same thing trying it in a dummy load,with my 850 no problems.
rupert 6y5rw

[Non-text portions of this message have been removed]

5298. Re: TS450SAT mic problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-11-30 23:39:12 UTC
From: Clif
Topic: 5292 Message: 5298

There is a small PCB soldered directly to the back of the mike jack.
Over time the solder joints can crack and cause intermittents. Reflow
the connections and all should be good...

Clif

--- In TS-850_450_690@yahoogroups.com, "rovntoma" <330at112@...> wrote:
>
> Hi all
> time to time I have a problem with mic on this machine.I have a mc60 and
> mic gain time to time drop to zero.PTT/UP/DOWN is active,but without
> voice.(battery is new)Machine is working full 100w in FM mode,but in
> SSB of coarse zero.I tried select preamplifier and proc ON/OFF,without
> sucess.Only when unplug and then plug-in mic,machine is normaly
> working again.(I dont remember 100%,but with my old mic it was the
> same).Where is the problem?
>

5299. Re: 450 tuner

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-11-30 23:48:44 UTC
From: ve3tmt
Topic: 5297 Message: 5299

--- In TS-850_450_690@yahoogroups.com, "Rupert Walford" <elvyn@...> wrote:
>
> need help,the tuner in my 450 tuner will not stop when i can see a
match on the swr meter in the radio it just keeps going and going
until the audio alert tells u it can't find a match and the meter ends
way to the end of the swr scale,would like some assistance in solving
this problem,no problems with the antenna it does the same thing
trying it in a dummy load,with my 850 no problems.
> rupert 6y5rw
>
> [Non-text portions of this message have been removed]
>

Rupert,

There is a menu setting to tell the 850 auto tuner to stop tuning when
a match is reached. Make sure the menu setting is not disabled.

Max

5300. Current status of control board availability for TS-850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-12-01 18:15:29 UTC
From: nz7c
Topic: 5300 Message: 5300

I'm considering shopping for a TS-850 or a Ten Tec Omni V. With the TS-850 my primary concern is parts availability. I am interested in hearing from anyone who has had recent experience locating control boards and other parts that may need replacing eventually on an older rig. I notice that Pacific Parts has a number of parts listed as discontinued. Not sure about other sources for parts. Thanks in advance for any feedback.
73/Tim NZ7C

5301. replacing parts

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-12-01 19:05:15 UTC
From: Paul Spiteri
Topic: 5301 Message: 5301

Hi everybody,
I am concidering for replacing the old parts in my TS-850S-AT. My radio has a serial number begining with 401..... can someone please tell me what parts I have to change ?? I am very interested to know. Please send me a list of parts and where I will find them in the radio. Thanks in advance for the help and best 73's
de'
9H1SP
Paul

[Non-text portions of this message have been removed]

5302. Re: Current status of control board availability for TS-850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-12-01 19:33:34 UTC
From: ve3tmt
Topic: 5300 Message: 5302

--- In TS-850_450_690@yahoogroups.com, "nz7c" <nz7c@...> wrote:
>
> I'm considering shopping for a TS-850 or a Ten Tec Omni V. With the
> TS-850 my primary concern is parts availability. I am interested in
> hearing from anyone who has had recent experience locating control
> boards and other parts that may need replacing eventually on an older
> rig. I notice that Pacific Parts has a number of parts listed as
> discontinued. Not sure about other sources for parts. Thanks in
> advance for any feedback.
> 73/Tim NZ7C

Tim,

Fred, N8BX seems to have lots of 850 parts from time to time. You can get his e-mail off QRZ.com I have bought many parts off him in the past and always had great service.

Max VE3TMT

5303. Re: replacing parts

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-12-02 00:28:17 UTC
From: Clif
Topic: 5301 Message: 5303

All the parts in it are the same age, how many you want to replace.
Seriously the only thing that may need attention is the battery to
make sure it's not leaking.

Rule #1: "If it ain't broke don't fix it"

Clif

--- In TS-850_450_690@yahoogroups.com, "Paul Spiteri" <9h1sp@...> wrote:
>
> Hi everybody,
> I am concidering for replacing the old parts in my
TS-850S-AT. My radio has a serial number begining with 401.....
can someone please tell me what parts I have to change ?? I am very
interested to know. Please send me a list of parts and where I will
find them in the radio. Thanks in advance for the help and best 73's
> de'
> 9H1SP
> Paul
>
> [Non-text portions of this message have been removed]
>

5304. Re: [TS-850_450_690] Re: 450 tuner

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-12-02 04:23:15 UTC
From: Rupert Walford
Topic: 5297 Message: 5304

the only 2 options in the menu with reference to the tuner are 31 & 32 they are both in the on positon ,is there a hidden menu that i am not aware of?
----- Original Message -----
From: ve3tmt
To: TS-850_450_690@yahoogroups.com
Sent: Thursday, November 30, 2006 3:48 PM
Subject: [TS-850_450_690] Re: 450 tuner

--- In TS-850_450_690@yahoogroups.com, "Rupert Walford" <elvyn@...> wrote:
>
> need help,the tuner in my 450 tuner will not stop when i can see a match on the swr meter in the radio it just keeps going and going until the audio alert tells u it can't find a match and the meter ends way to the end of the swr scale,would like some assistance in solving this problem,no problems with the antenna it does the same thing trying it in a dummy load,with my 850 no problems.
> rupert 6y5rw
>
> [Non-text portions of this message have been removed]
>

Rupert,

There is a menu setting to tell the 850 auto tuner to stop tuning when a match is reached. Make sure the menu setting is not disabled.

Max

No virus found in this incoming message.
Checked by AVG Free Edition.
Version: 7.1.409 / Virus Database: 268.14.19/556 - Release Date: 11/28/2006

[Non-text portions of this message have been removed]

5305. Re: [TS-850_450_690] Re: 450 tuner

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-12-02 02:55:59 UTC
From: Tom Osborne
Topic: 5297 Message: 5305

I changed the option in my '450 to 'manual tune' because I have the same problem as not stopping when it gets bottomed out. Only thing is, how do you manually tune the '450 tuner? 73 and thanks
Tom W7WHY

> the only 2 options in the menu with reference to the tuner are 31 >& 32
> they are both in the on positon ,is there a hidden menu that i >am not
> aware of?

5306. Re: 450 tuner

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-12-02 05:06:44 UTC
From: ve3tmt
Topic: 5297 Message: 5306

--- In TS-850_450_690@yahoogroups.com, "Tom Osborne" <w7why@...> wrote:
>
>
>
> I changed the option in my '450 to 'manual tune' because I have the
same
> problem as not stopping when it gets bottomed out. Only thing is,
how do
> you manually tune the '450 tuner? 73 and thanks
> Tom W7WHY
>
>
> > the only 2 options in the menu with reference to the tuner are 31
>& 32
> > they are both in the on positon ,is there a hidden menu that i >am
not
> > aware of?

The main VFO knob and MEM. CH. knobs controls the manual tuning.
Also, in auto tune mode, make sure the carrier level is up high
enough. If it is too low the tuner will not stop.

Max
VE3TMT

5307. Re: [TS-850_450_690] Re: 450 tuner

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-12-02 05:31:29 UTC
From: Tom Osborne
Topic: 5297 Message: 5307

Thank you Max. 73
Tom W7WHY

>
> The main VFO knob and MEM. CH. knobs controls the manual tuning.
> Also, in auto tune mode, make sure the carrier level is up high
> enough. If it is too low the tuner will not stop.
>
> Max
> VE3TMT
>
>
>
> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
>
>
>
>

5308. Re: TS850, low power on 160m

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-12-02 10:08:40 UTC
From: f6etj
Topic: 5294 Message: 5308

Hello Hervé
Have a look at this German forum,not sure the information is correct
but it will be an information for you:

http://db0sif.darc.de/cgi-bin/dpcmd?R%20KENWOOD%20133

You will find a table about diodes D8 to D12, there is also some
reference to the 10 W limit in Belgium.

I have not modified my TS850 so i cant tell you if it is reliable.
Best 73's
Bernard
F6ETJ

--- In TS-850_450_690@yahoogroups.com, "F5HRY" <f5hry@...> wrote:
>
> Hello,
>
> A friend of mine recently bought a TS850 from a Belgian OM.
>
> As there were some power restriction in Belgium, the 850 shows
> only 10 W on 160m !
>
> Does anyone knows how to convert these 10W to the nominal
> 100 W ? Is it a matter of menus or of the diode matrix behing
> the front panel ?
>
> Tnx for your help.
>
> 73
> Herve F5HRY
>

5309. TS-850 - TS2000

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-12-02 18:20:55 UTC
From: WN9D
Topic: 5309 Message: 5309

For those of you who have owned the TS-850 and the TS-2000 (variants included), I would appreciate your thoughts on receiver comparisons.

Thanks and '73,
Randy WN9D

[Non-text portions of this message have been removed]

5310. Re: [TS-850_450_690] replacing parts

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-12-02 15:51:11 UTC
From: Paul
Topic: 5301 Message: 5310

You need to change the memory battery for sure, if you have not done so yet !
My serial starts with 410, considering it is 14 years old ! There are some capacitors that need to be checked.

check here :

http://n6tr.jzap.com/850repair.html

http://tk5ep.free.fr/index_g.htm

73's
Paul
9H1FQ

Paul Spiteri <9h1sp@...> wrote: Hi everybody,
I am concidering for replacing the old parts in my TS-850S-AT. My radio has a serial number begining with 401..... can someone please tell me what parts I have to change ?? I am very interested to know. Please send me a list of parts and where I will find them in the radio. Thanks in advance for the help and best 73's
de'
9H1SP
Paul

[Non-text portions of this message have been removed]

Have a burning question? Go to Yahoo! Answers and get answers from real people who know.

[Non-text portions of this message have been removed]

5311. Re: TS450SAT mic problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-12-03 10:17:40 UTC
From: rovntoma
Topic: 5292 Message: 5311

Thanks guys,I will try it.

--- In TS-850_450_690@yahoogroups.com, "Clif" <clif@...> wrote:
>
> There is a small PCB soldered directly to the back of the mike jack.
> Over time the solder joints can crack and cause intermittents. Reflow
> the connections and all should be good...
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "rovntoma" <330at112@> wrote:
> >
> > Hi all
> > time to time I have a problem with mic on this machine.I have a
mc60 and
> > mic gain time to time drop to zero.PTT/UP/DOWN is active,but without
> > voice.(battery is new)Machine is working full 100w in FM mode,but in
> > SSB of coarse zero.I tried select preamplifier and proc ON/OFF,without
> > sucess.Only when unplug and then plug-in mic,machine is normaly
> > working again.(I dont remember 100%,but with my old mic it was the
> > same).Where is the problem?
> >
>

5312. Re: [TS-850_450_690] Re: TS450SAT mic problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-12-03 17:10:19 UTC
From: Tom Osborne
Topic: 5292 Message: 5312

Hi Clif

Apparently, not on all '450's. I have had the same problem, no audio, and I checked the mike jack like you suggested. There were some wires coming directly off the mike jack, going to a small board plugged into the main board. Anyway, I re-seated that board and took a small screwdriver and wiggled the wires on the back of the mike jack and it started working again. Thanks for your suggestion, it worked. 73
Tom W7WHY

> There is a small PCB soldered directly to the back of the mike jack.
> Over time the solder joints can crack and cause intermittents. >Reflow the
> connections and all should be good...
>
> Clif

5313. Re: [TS-850_450_690] Re: 450 tuner

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-12-04 00:45:07 UTC
From: Rupert Walford
Topic: 5297 Message: 5313

could u explain tuning with the vfo knob and the mem. channelknob,by the way the carrier is set all the way up same problem
Rupert
6y5rw
----- Original Message -----
From: Tom Osborne
To: TS-850_450_690@yahoogroups.com
Sent: Friday, December 01, 2006 9:31 PM
Subject: Re: [TS-850_450_690] Re: 450 tuner

Thank you Max. 73
Tom W7WHY

>
> The main VFO knob and MEM. CH. knobs controls the manual tuning.
> Also, in auto tune mode, make sure the carrier level is up high
> enough. If it is too low the tuner will not stop.
>
> Max
> VE3TMT
>
>
>
> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
>
>
>
>

No virus found in this incoming message.
Checked by AVG Free Edition.
Version: 7.1.409 / Virus Database: 268.15.3/562 - Release Date: 12/1/2006

[Non-text portions of this message have been removed]

5314. Re: 450 tuner

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-12-03 22:45:51 UTC
From: ve3tmt
Topic: 5297 Message: 5314

--- In TS-850_450_690@yahoogroups.com, "Rupert Walford" <elvyn@...> wrote:
>
> could u explain tuning with the vfo knob and the mem. channelknob,by the way the carrier is set all the way up same problem
> Rupert
> 6y5rw

Press and hold the M.IN button when you turn on the radio. Use the M.CH knob to select menu # 31. Press the UP/DWN switch to set to "OFF" Press the CLR button to exit the menu mode.

The tuner is now adjusted manually with the VFO and MEM.CH knobs. To return to AUTO TUNE mode, repeat the steps and select ON for menu # 31.

Max VE3TMT

5315. TS450SAT No ssb audio??

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-12-04 06:15:13 UTC
From: tassie_001au
Topic: 5315 Message: 5315

Hi all, new to the group, I have a TS450SAT that has a problem. There is no speaker audio on ssb ie no audio through the speaker, although there is signal present on the s-meter. I tried headphones but still nothing. Also tried audio through the acc3 , still nothing. Funny thing is FM and AM are fine, its ssb and cw has the problem. Also tx is fine on all modes including ssb. I done the usual reset of the rig ,but nothing
I just purchased the rig and it has been working fine for a week. I feel this rig has been sitting unused for a while, because when I first turned it on a few of the knobs were very stiff and very crackly. I turned it off , and back on the next day...nothing.......HELP
ie And yes I checked the squelch
Mike in Tasmania, Australia

5316. Re: [TS-850_450_690] TS450SAT No ssb audio??

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-12-04 20:01:38 UTC
From: ve3wej gmail
Topic: 5315 Message: 5316

check the rf gain control to be fully clockwise, not counterclockwise......where is your s meter readings, do the headphone jacks work?????

----- Original Message -----
From: tassie_001au
To: TS-850_450_690@yahoogroups.com
Sent: Monday, December 04, 2006 1:15 AM
Subject: [TS-850_450_690] TS450SAT No ssb audio??

Hi all, new to the group, I have a TS450SAT that has a problem. There is no speaker audio on ssb ie no audio through the speaker, although there is signal present on the s-meter. I tried headphones but still nothing. Also tried audio through the acc3 , still nothing. Funny thing is FM and AM are fine, its ssb and cw has the problem. Also tx is fine on all modes including ssb. I done the usual reset of the rig ,but nothing
I just purchased the rig and it has been working fine for a week. I feel this rig has been sitting unused for a while, because when I first turned it on a few of the knobs were very stiff and very crackly. I turned it off , and back on the next day...nothing.......HELP ie And yes I checked the squelch
Mike in Tasmania, Australia

[Non-text portions of this message have been removed]

5317. RS-232

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-12-04 20:16:05 UTC
From: sm7ygz
Topic: 5317 Message: 5317

Hi group !

The rs-232 interface in the files section, max232ctrl.jpg, works great with TS-450. Now i wonder if the same interface would work with the TS-850, i think it will but i want to be sure.

73
/Rob
SM7YGZ
SK7OA, preparing for the UBA DX 2007 contest.

5318. Re: RS-232

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-12-04 20:27:07 UTC
From: ah6rr1
Topic: 5317 Message: 5318

I should work just fine.
Roland AH6RR

--- In TS-850_450_690@yahoogroups.com, "sm7ygz" <sm7ygz@...> wrote:
>
> Hi group !
>
> The rs-232 interface in the files section, max232ctrl.jpg, works great
> with TS-450. Now i wonder if the same interface would work with the
> TS-850, i think it will but i want to be sure.
>
> 73
> /Rob
> SM7YGZ
> SK7OA, preparing for the UBA DX 2007 contest.
>

5319. Re: RS-232

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-12-05 00:42:29 UTC
From: ve3tmt
Topic: 5317 Message: 5319

--- In TS-850_450_690@yahoogroups.com, "sm7ygz" <sm7ygz@...> wrote:
>
> Hi group !
>
> The rs-232 interface in the files section, max232ctrl.jpg, works great
> with TS-450. Now i wonder if the same interface would work with the
> TS-850, i think it will but i want to be sure.

Hi Rob,

I have built 3 or 4 of those using the exact schematic. Every one
worked just fine with my 850.

Max

5320. Re: TS450SAT No ssb audio??

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-12-05 01:31:18 UTC
From: Clif
Topic: 5315 Message: 5320

It sounds like IC2 on the Car unit has gone off freq. Do you have a scope to look for signals? This is one of the DDS units (YM6631) that has been known to fail.

Clif

--- In TS-850_450_690@yahoogroups.com, "tassie_001au" <activ_100@...> wrote:
>
> Hi all, new to the group, I have a TS450SAT that has a problem. There
> is no speaker audio on ssb ie no audio through the speaker, although
> there is signal present on the s-meter. I tried headphones but still
> nothing. Also tried audio through the acc3 , still nothing. Funny
> thing is FM and AM are fine, its ssb and cw has the problem. Also tx
> is fine on all modes including ssb. I done the usual reset of the rig
> ,but nothing
> I just purchased the rig and it has been working fine for a week. I
> feel this rig has been sitting unused for a while, because when I
> first turned it on a few of the knobs were very stiff and very
> crackly. I turned it off , and back on the next
day...nothing.......HELP
> ie And yes I checked the squelch
> Mike in Tasmania, Australia
>

5321. Re: TS450SAT No ssb audio??

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-12-05 09:12:45 UTC
From: tassie_001au
Topic: 5315 Message: 5321

Hi, againI had another go with my rig last night and I can get very low speaker audio if I carefully adjust the IF SHIFT control. There are a couple of spots where I can make out the audio, but not 100% clear.

"check the rf gain control to be fully clockwise, not counterclockwise......where is your s meter readings, do the headphone jacks work?????"

Yes I checked rf gain, if rf gain was up then AM AND FM would have the same problem
S-Meter readings are normal, received signals are the same on another rig.
Headphones are the same as external speaker, no audio

> Mike in Tasmania, Australia
>

5322. Re: TS450SAT No ssb audio??

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-12-06 11:18:42 UTC
From: tassie_001au
Topic: 5315 Message: 5322

--- In TS-850_450_690@yahoogroups.com, "Clif" <clif@...> wrote:
>
> It sounds like IC2 on the Car unit has gone off freq. Do you have a
> scope to look for signals? This is one of the DDS units (YM6631) that
> has been known to fail.
>

No I dont have a scope , in fact I dont have any test gear, only a multimeter. Just fishing for possible causes to the problem, maybe someone else has experienced the same.
Thanks Cliff

5323. Re: Current status of control board availability for TS-850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-12-08 00:42:36 UTC
From: Rick
Topic: 5300 Message: 5323

Partstore.com has alot of TS-850S parts

http://www.partstore.com/ModelDetail.aspx?
MfgId=85&ModelID=264421&close=1&exact=1

Rick
KR4EY

--- In TS-850_450_690@yahoogroups.com, "nz7c" <nz7c@...> wrote:
>
> I'm considering shopping for a TS-850 or a Ten Tec Omni V. With the
> TS-850 my primary concern is parts availability. I am interested in
> hearing from anyone who has had recent experience locating control
> boards and other parts that may need replacing eventually on an older
> rig. I notice that Pacific Parts has a number of parts listed as
> discontinued. Not sure about other sources for parts. Thanks in
> advance for any feedback.
> 73/Tim NZ7C
>

5324. Re: [TS-850_450_690] Re: Current status of control board availability for TS-850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-12-08 02:35:29 UTC
From: ve3wej gmail
Topic: 5300 Message: 5324

only thing that came up for me was a 30.00 manual

----- Original Message -----
From: Rick
To: TS-850_450_690@yahoogroups.com
Sent: Thursday, December 07, 2006 7:42 PM
Subject: [TS-850_450_690] Re: Current status of control board availability for TS-850

Partstore.com has alot of TS-850S parts

http://www.partstore.com/ModelDetail.aspx?
MfgId=85&ModelID=264421&close=1&exact=1

Rick
KR4EY

--- In TS-850_450_690@yahoogroups.com, "nz7c" <nz7c@...> wrote:
>
> I'm considering shopping for a TS-850 or a Ten Tec Omni V. With the
> TS-850 my primary concern is parts availability. I am interested in
> hearing from anyone who has had recent experience locating control
> boards and other parts that may need replacing eventually on an older
> rig. I notice that Pacific Parts has a number of parts listed as
> discontinued. Not sure about other sources for parts. Thanks in
> advance for any feedback.
> 73/Tim NZ7C
>

[Non-text portions of this message have been removed]

5325. Re: Current status of control board availability for TS-850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-12-08 04:36:07 UTC
From: Rick
Topic: 5300 Message: 5325

Sorry
http://www.partstore.com

Search by Brand = Kenwood
Model Number= TS-850

There are 328 parts. 30 plus pages of parts for TS-850 there.

Rick
KR4EY

--- In TS-850_450_690@yahoogroups.com, "ve3wej gmail" <ve3wej@...>
wrote:
>
> only thing that came up for me was a 30.00 manual
>
>
> ----- Original Message -----
> From: Rick
> To: TS-850_450_690@yahoogroups.com
> Sent: Thursday, December 07, 2006 7:42 PM
> Subject: [TS-850_450_690] Re: Current status of control board
availability for TS-850
>
>
> Partstore.com has alot of TS-850S parts
>
> http://www.partstore.com/ModelDetail.aspx?
> MfgId=85&ModelID=264421&close=1&exact=1
>
> Rick
> KR4EY
>
> --- In TS-850_450_690@yahoogroups.com, "nz7c" <nz7c@> wrote:
> >
> > I'm considering shopping for a TS-850 or a Ten Tec Omni V. With
the
> > TS-850 my primary concern is parts availability. I am
interested in
> > hearing from anyone who has had recent experience locating
control
> > boards and other parts that may need replacing eventually on an
older
> > rig. I notice that Pacific Parts has a number of parts listed as
> > discontinued. Not sure about other sources for parts. Thanks in
> > advance for any feedback.

> > 73/Tim NZ7C
> >
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

5326. SO-2 TXCO

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-12-09 05:26:18 UTC
From: crownhaven
Topic: 5326 Message: 5326

I have acquired one. I would like to put it in my 870 although I have an 850 too. I understand they aren't plug and play in the 870. Anyone have experience installing the SO-2 in either the 850 or the 870. I would appreciate any comments, things I need to know about.

Steve, N4JQQ

5327. RE: SO-2 TXCO

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-12-09 13:45:02 UTC
From: Randy Brothers
Topic: 5326 Message: 5327

In 850, no big deal - have to get to the board, cut 2 jumpers, wire in the SO-2.
So easy even I was able to do it. Hardest part not dropping the screws into the innards.
See page 68 of 850 Op Manual or email me if you don't have it.

73 Randy K9OR

---

2. SO-2 TXCO
Posted by: "crownhaven" crownhaven@... gatorman_71
Date: Fri Dec 8, 2006 9:56 pm ((PST))

I have acquired one. I would like to put it in my 870 although I have an 850 too. I understand they aren't plug and play in the 870. Anyone have experience installing the SO-2 in either the 850 or the 870. I would appreciate any comments, things I need to know about.

Steve, N4JQQ

5328. TS-850 internal receiver noise -- thoughts?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-12-09 23:16:15 UTC
From: Brian Mileshosky
Topic: 5292 Message: 5328

All --

An interesting question for you TS-850SAT owners.

While running Phone Sweepstakes last November I was using my 850 a whole bunch, where in the past I'd only use it for casual operating or checking into nets. During the evenings when I migrated down to 40 and 80 meters I noticed that some strong noise would saturate my receiver somewhat intermittently. Tuning to another frequency wouldn't help escape from it, nor would the nature of the noise or the signal strength (S9+) change. I decided to troubleshoot by disconnecting the antenna, and discovered that the noise was still present, and just as strong. The source was inside my TS-850! I noticed that it got weaker and eventually disappeared as I changed to higher and higher bands (freqs).

From minor experimentation, it only appeared as I drove the radio somewhat hard like one would in a contesting environment. Not that I've confirmed that this is a cause, but I noticed this would happen mainly when utilizing the voice memory keyer a bunch to call CQ. Perhaps only a coincidence, but still a data point.

I need to get it back on the air and do some more experimenting to see if I can locate what contributes to this issue. In the meantime, has anyone discovered this problem before? Thoughts?

73,
Brian, N5ZGT

5329. Re: Kenwood paint

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-12-09 19:53:12 UTC
From: holzschlapfen
Topic: 5073 Message: 5329

Hi Allan
did you find the right RAL paint for Kenwood covers?
cu Joe

--- In TS-850_450_690@yahoogroups.com, "Allan" <f14at259@...> wrote:
>
>
> Hi all,
>
> Could someone tell me if it's possible to find a similar kenwood
paint 's
> covers ?
> I have a 850 to restore and i'd like to repaint all covers.
>
> Many thanks,
>
> Regards
>
> Allan
>
>
>
> p4.vert.ukl.yahoo.com uncompressed Sat Sep 2 12:27:00 GMT 2006
>
>
>

> Découvrez un nouveau moyen de poser toutes vos questions quelque
soit le sujet !
> Yahoo! Questions/Réponses pour partager vos connaissances, vos
opinions et vos expériences.
> http://fr.answers.yahoo.com
>

5330. Re: Kenwood paint

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-12-10 04:59:54 UTC
From: ve3tmt
Topic: 5073 Message: 5330

--- In TS-850_450_690@yahoogroups.com, "Allan" <f14at259@...> wrote:
>
>
> Hi all,
>
> Could someone tell me if it's possible to find a similar kenwood
paint 's
> covers ?
> I have a 850 to restore and i'd like to repaint all covers.
>
> Many thanks,
>
> Regards
>
> Allan

I bought some RV & Motor Home Paint at our local Canadian Tire store.
Color was "GUNMETAL" I painted all the cabinets in my TS830 line and
it matches very clsely the colors of the 850.

Max
VE3TMT

5331. Re: [TS-850_450_690] TS-850 internal receiver noise -- thoughts?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-12-10 06:26:23 UTC
From: Paul
Topic: 5292 Message: 5331

I used to get similar noise, but not from the source you mentioned. It was local qrn from various sources. I am using the old PS52 PSU, which has no mains input filter. I fitted a ferrite ring filter, with some 30 turns at each side, salvaged from an old tv set, and the qrn cleared. The ferrite enclosures between the psu and the rig are simply not enough.

Whilst on the same theme of noise, I feel that the carrier insertion for SSB in the ts850 is somehow noiser than other rigs

Paul

Brian Mileshosky <n5zgt@...> wrote:
All --

An interesting question for you TS-850SAT owners.

While running Phone Sweepstakes last November I was using my 850 a whole bunch, where in the past I'd only use it for casual operating or checking into nets. During the evenings when I migrated down to 40 and 80 meters I noticed that some strong noise would saturate my receiver somewhat intermittently. Tuning to another frequency wouldn't help escape from it, nor would the nature of the noise or the signal strength (S9+) change. I decided to troubleshoot by disconnecting the antenna, and discovered that the noise was still present, and just as strong. The source was inside my TS-850! I noticed that it got weaker and eventually disappeared as I changed to higher and higher bands (freqs).

From minor experimentation, it only appeared as I drove the radio somewhat hard like one would in a contesting environment. Not that I've confirmed that this is a cause, but I noticed this would happen mainly when utilizing the voice memory keyer a bunch to call CQ. Perhaps only a coincidence, but still a data point.

I need to get it back on the air and do some more experimenting to see if I can locate what contributes to this issue. In the meantime, has anyone discovered this problem before? Thoughts?

73,
Brian, N5ZGT

Everyone is raving about the all-new Yahoo! Mail beta.

[Non-text portions of this message have been removed]

5332. Carrier Capacitors mod TS850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-12-11 11:06:49 UTC
From: Paul
Topic: 5332 Message: 5332

Where inside the ts850 is the carrier unit ?
I need to check the capacitors for leaking and change.
Paul

Access over 1 million songs - Yahoo! Music Unlimited.

[Non-text portions of this message have been removed]

5333. identifying SMD Sockets

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-12-11 12:35:41 UTC
From: Paul
Topic: 5333 Message: 5333

I am looking for web resources that describes all the smd sockets available.

Paul

Any questions? Get answers on any topic at Yahoo! Answers. Try it now.

[Non-text portions of this message have been removed]

5334. DDS Chips

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-12-11 13:14:26 UTC
From: Steve McGregor
Topic: 5334 Message: 5334

Can somebody tell me whether these are still available? I have a TS850 and all the DDS chips except one (IC3) have been replaced. I have no CW sidetone and the SSB through the monitor is very distorted.
Are East Coast Components OK and are they happy to send to the UK, or is there anywhere in the UK that I can get them from.

Thanks

Steve M0SMC

5336. Re: [TS-850_450_690] Carrier Capacitors mod TS850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-12-11 15:48:25 UTC
From: John Kuklewicz N7ZN
Topic: 5332 Message: 5336

Remove top cover of transceiver.

Remove metal bracket where DRU-s and VS unit would mount.
This is also the bracket with the DIP switches used to setup
the filter configuration.

Remove metal plate under the above bracket.

The CAR unit is now exposed. Easy to remove - some coax cables
and a few headers. The four DDS chips are quite distinctive -
square high pin count surface mount packages.

73; John N7ZN

Paul wrote:
> Where inside the ts850 is the carrier unit ?
> I need to check the capacitors for leaking and change.
> Paul
>
>
> ---------------------------------
> Access over 1 million songs - Yahoo! Music Unlimited.
>
> [Non-text portions of this message have been removed]
>
>
>
> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
>
>
>
>

5337. Re: [TS-850_450_690] Using Internal TS850 ATU outboard ?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-12-11 20:00:48 UTC
From: ve3wej gmail
Topic: 5337 Message: 5337

nope....

----- Original Message -----
From: Paul
To: ts850
Sent: Monday, December 11, 2006 8:46 AM
Subject: [TS-850_450_690] Using Internal TS850 ATU outboard ?

Has anybody dreamt of utilising the internal ATU of the TS850, outboard, at the foot of your antenna ??

Paul

Access over 1 million songs - Yahoo! Music Unlimited.

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

5338. Service manual TS-850S fully colored 213 MB new

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-12-11 20:48:01 UTC
From: holzschlapfen
Topic: 5255 Message: 5338

Hi all
I wrote in mmy post, I want to exchange this manual with 950 SDX SM.
Now I got one 950 SDX SM and did the same scanning, also very high and
colored resolution.
Also very large.
Now I am looking for TS-870S service manual in the same quality for
exchange to this two manual.
kr Joe

--- In TS-850_450_690@yahoogroups.com, "holzschlapfen" <8ung@...> wrote:
>
> Hi all
> I scanned my service manual with truely 400x400 dpi in full color
> A4/A3 as pdf. So you can resize to 400% with high resolution details
> You can see one page of the 205 pages, the whole manual has 213 MB.
>
http://f1.grp.yahoofs.com/v1/8JNURedinaRCQlVUv5U_XDqrrO_X0MzfTE4J_1GrqwrnixDrqcudblp2w--E5
dgsnIUK-b7uCUACLCxcfwamGtkxmOInLQQw-COQ/SMTS_850_A3_203_204.pdf
> I am looking for the same quality service manual for TS-950 SDX in
> exchange.
> kr
> Joe
>

5339. S/N and year of production

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-12-12 11:02:08 UTC
From: Alexandr Kobranov
Topic: 5301 Message: 5339

Hello friends,
is there any "rule of thumb" how to decode TS-850?s S/N into
(plus/minus) year of production?

Just interested how old is my piece of hardware...

Thanks
Lexa, ok1dst

5340. Re: DDS Chips

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-12-12 19:29:47 UTC
From: Peter
Topic: 5334 Message: 5340

Steve

I recently ordered two DDS chips from East Coast Components for $28 each.

Service was faultless, but postage was a little high at about $15 ,
especialy if you order just one chip.

But as the exchange rate is so good now this is not realy a problem.

I e-mailed them first, then telephoned with credit card details

I am in the UK

Regards

peter G0RSQ

--- In TS-850_450_690@yahoogroups.com, "Steve McGregor"
<steve_mcgregor@...> wrote:
>
> Can somebody tell me whether these are still available? I have a TS850
> and all the DDS chips except one (IC3) have been replaced. I have no
> CW sidetone and the SSB through the monitor is very distorted.
> Are East Coast Components OK and are they happy to send to the UK, or
> is there anywhere in the UK that I can get them from.
>
>
> Thanks
>
> Steve M0SMC
>

5341. AT-450 Internal Antenna Tuner

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-12-12 20:18:11 UTC
From: Frank
Topic: 5341 Message: 5341

I just thought I'd offer the internal tuner from my rig for sale since
I'm parting it out. Please email me directly at kb2vyz@... if
you are interested or need some other part (The rig is a TS-690SAT).
I hope EVERYONE has a Merry Christmas (YES! I've said the C word) and
a Happy New Year!!!

73 de Frank/KB2VYZ

5342. Re: Service manual TS-850S fully colored 213 MB new

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-12-12 23:47:18 UTC
From: taephono
Topic: 5255 Message: 5342

Joe,
Can you post these manuals so others can download them?

73,
Clint
WS1V
--- In TS-850_450_690@yahoogroups.com, "holzschlapfen" <8ung@...>
wrote:
>
> Hi all
> I wrote in mmy post, I want to exchange this manual with 950 SDX SM.
> Now I got one 950 SDX SM and did the same scanning, also very high
and
> colored resolution.
> Also very large.
> Now I am looking for TS-870S service manual in the same quality for
> exchange to this two manual.
> kr Joe
>
> --- In TS-850_450_690@yahoogroups.com, "holzschlapfen" <8ung@>
wrote:
> >
> > Hi all
> > I scanned my service manual with truely 400x400 dpi in full color
> > A4/A3 as pdf. So you can resize to 400% with high resolution
details
> > You can see one page of the 205 pages, the whole manual has 213
MB.
> >
>
http://f1.grp.yahoofs.com/v1/8JNURedinaRCQlVUv5U_XDqrrO_X0MzfTE4J_1Grq
wrnixDrqcudblp2w--E5dgsnIUK-b7uCUACLCxcfwamGtkxmOInLQQw-
COQ/SMTS_850_A3_203_204.pdf
> > I am looking for the same quality service manual for TS-950 SDX in
> > exchange.
> > kr
> > Joe
> >
>

5343. Re: Service manual TS-850S fully colored 213 MB new

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-12-13 19:56:11 UTC
From: ve3tmt
Topic: 5255 Message: 5343

--- In TS-850_450_690@yahoogroups.com, "taephono" <taephono@...> wrote:
>
> Joe,
> Can you post these manuals so others can download them?
>
> 73,
> Clint
> WS1V

Clint,

The file size would make it almost impossible to be uploaded here.
They are in the 40 megabyte range. It would need to be uploaded to an
FTP server and downloaded from there.

Max
VE3TMT

5345. Re: DDS Chips

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-12-13 20:55:47 UTC
From: Steve McGregor
Topic: 5334 Message: 5345

Thanks Peter

I've ordered the chip - it'll give me something to do over Christmas
;-))

73

Steve M0SMC

--- In TS-850_450_690@yahoogroups.com, "Peter" <yahoo@...> wrote:
>
> Steve
>
> I recently ordered two DDS chips from East Coast Components for $28
each.
>
> Service was faultless, but postage was a little high at about $15 ,
> especialy if you order just one chip.
>
> But as the exchange rate is so good now this is not realy a problem.
>
> I e-mailed them first, then telephoned with credit card details
>
> I am in the UK
>
> Regards
>
> peter G0RSQ
>
> --- In TS-850_450_690@yahoogroups.com, "Steve McGregor"
> <steve_mcgregor@> wrote:
> >
> > Can somebody tell me whether these are still available? I have a
TS850
> > and all the DDS chips except one (IC3) have been replaced. I have
no
> > CW sidetone and the SSB through the monitor is very distorted.
> > Are East Coast Components OK and are they happy to send to the
UK, or
> > is there anywhere in the UK that I can get them from.
> >
> >
> > Thanks
> >
> > Steve M0SMC
> >

>

5346. TS-850 SAT firmware

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-12-16 10:20:58 UTC
From: holzschlapfen
Topic: 5346 Message: 5346

Hi
Is it nessesary to upgrade my TS 850 SAT to the latest firmware as in
my TS950SDX.
Now I have in firmware JEZB, dated 1992, is there a later version?
73 Joe

5347. PS-52 Question

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-12-17 15:00:40 UTC
From: Ron
Topic: 5347 Message: 5347

Apologize in advance if off-topic but couldn't find Yahoo group that seems to adress this unit.

I operate my TS-850SAT with a PS-52 power supply. It has suddenly started supplying 24.8 volts dc rather than the normal 13.8. Amazingly the 850 still runs, just problems on transmit. Popped cover and it appears that diode D4 has blown. Downloaded the PS-52/PS-31 manual from mods.dk but can't read the part number. Does anyone on the list know what part diode D4 is?

Thanks

Ron - AG1P
Forsyth, MO USA

5348. Re: PS-52 Question

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-12-17 16:44:35 UTC
From: ve3tmt
Topic: 5347 Message: 5348

--- In TS-850_450_690@yahoogroups.com, "Ron" <bitwdlr@...> wrote:
>
> Apologize in advance if off-topic but couldn't find Yahoo group that
> seems to adress this unit.
>
> I operate my TS-850SAT with a PS-52 power supply. It has suddenly
> started supplying 24.8 volts dc rather than the normal 13.8. Amazingly
> the 850 still runs, just problems on transmit. Popped cover and it
> appears that diode D4 has blown. Downloaded the PS-52/PS-31 manual
> from mods.dk but can't read the part number. Does anyone on the list
> know what part diode D4 is?
>
> Thanks
>
> Ron - AG1P
> Forsyth, MO USA
>

www.kenwoodparts.com shows the following:

RD9.1E(B2) Z.DIODE (SI 500MW 9.01V) $0.98

DO NOT RUN THE 850 WITH 24V GOING INTO IT!!!!

Max
VE3TMT

5349. Re: {SPAMFILTER} [TS-850_450_690] PS-52 Question

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-12-17 18:52:07 UTC
From: Anthony W. DePrato
Topic: 5347 Message: 5349

Ron:
just about any 2.5amp 1000 piv unit will work. just replace them all.
73 Tony

QBE ZUT DE WA4JQS

ANTHONY W. (Tony) DePrato WA4JQS EXTRA - HEAVY
Since 1962
CQ DX HALL OF FAME # 35
A1-OP FISTS # 10573 SKCC #1227
South Sandwich Island Dxpedition Group
CALLS HELD:
WA4JQS/ZS1, WA4JQS/KC4, WA4JQS/4K1
ZD8JQS, V31SS,
VP8BZL, VP8SSI, 3Y0PI

[Non-text portions of this message have been removed]

5350. Re: {SPAMFILTER} [TS-850_450_690] PS-52 Question

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-12-17 18:53:23 UTC
From: Anthony W. DePrato
Topic: 5347 Message: 5350

Ron:
just about any 2.5amp 1000 piv unit will work. just replace them all.
73 Tony

OOPS SORRY THAT IS A ZENER . you will need the correct one
Tony

QBE ZUT DE WA4JQS

ANTHONY W. (Tony) DePrato WA4JQS EXTRA - HEAVY
Since 1962
CQ DX HALL OF FAME # 35
A1-OP FISTS # 10573 SKCC #1227
South Sandwich Island Dxpedition Group
CALLS HELD:
WA4JQS/ZS1, WA4JQS/KC4, WA4JQS/4K1
ZD8JQS, V31SS,
VP8BZL, VP8SSI, 3Y0PI

[Non-text portions of this message have been removed]

5351. Re: {SPAMFILTER} [TS-850_450_690] PS-52 Question

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-12-18 00:42:10 UTC
From: Charles Mortimer
Topic: 5347 Message: 5351

hallo Tony
Charles here
just a passing hallo from VP8BGX
Charles vk6ycj
----- Original Message -----
From: Anthony W. DePrato
To: TS-850_450_690@yahoogroups.com
Sent: Monday, December 18, 2006 3:53 AM
Subject: Re: {SPAMFILTER} [TS-850_450_690] PS-52 Question

Ron:
just about any 2.5amp 1000 piv unit will work. just replace them all.
73 Tony

OOPS SORRY THAT IS A ZENER . you will need the correct one
Tony

QBE ZUT DE WA4JQS

ANTHONY W. (Tony) DePrato WA4JQS EXTRA - HEAVY
Since 1962
CQ DX HALL OF FAME # 35
A1-OP FISTS # 10573 SKCC #1227
South Sandwich Island Dxpedition Group
CALLS HELD:
WA4JQS/ZS1, WA4JQS/KC4, WA4JQS/4K1
ZD8JQS, V31SS,
VP8BZL, VP8SSI, 3Y0PI

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

5352. PS-52 Question

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-12-18 01:04:52 UTC
From: Anthony W. DePrato WA4JQS
Topic: 5347 Message: 5352

At 07:42 PM 12/17/2006, you wrote:
>hallo Tony
>Charles here
>just a passing hallo from VP8BGX
>Charles vk6ycj
> ----- Original Message -----
>Hello Charles

when were you in the falklands ? i started down in 82 the week the
war boke out. did not make it till 92
Merry Christmas
73 Tony wa4jqs / vp8bzl

Anthony W. DePrato WA4JQS
QCWA # 23602 10X # 3621
A1-OP FISTS # 10573 VBA # 55 AMI # 1274
NCDXF # 1036 RNARS # 1309 SKCC # 1227
DXCC PHONE DXCC RTTY DXCC CW
Lis. 1962 Calls Held
VP8BZL VP8SSI 3Y0PI V31SS ZD8JQS
WA4JQS/ZS1 WA4JQS/4K1 WA4JQS/KC4

5353. Where to find TS450S ACC1 plug

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-12-19 02:17:09 UTC
From: Russell Blair
Topic: 5353 Message: 5353

Where in Dallas Tx can I find A plug thats fit the
ACC1 on a TS450S.

Russell

==========
Russell Blair
QTH ========= Richardson Tx
CALL ========= NC5O
GRID ========= EM12px
FH# ========== 300
DOS# ========= 470
==========

_____
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http://mail.yahoo.com

5354. FS: TS-850/SAT,SP-31,PS-52, SM-220 Fully loaded Dream Station

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-12-19 04:53:05 UTC
From: ab2et
Topic: 5354 Message: 5354

I have for Sale my One Owner Top-performing Kenwood dream contest station consisting of (1) TS-850S/AT Transceiver, with automatic antenna tuner,(1) SP-31 External Speaker (3 audio filters) built in,(1) PS-52 Power Supply and to top it off a SM-220 Station Monitor with the BS-8 panoramic adapter, for the serious "contester included is a TimeWave DSP-59 filter for the "serious" contest situations in case the internal filters miss something.
Transceiver is a 30 million serial number, has the following options VS-2 Voice Synthesizer board, DRU-2 DIGITAL RECORDING UNIT (factory Installed). Filters installed are SSB YK-88SN-1, CW YK-88C1 and an YK-455C-1 "Collins" Mechanical for that CW edge. MC-43S hand microphone. D11 is not in place so 60 meters is just fine.
Transceiver, Speaker and Power Supply are as new condition, user manuals as well as the TS-850 factory Service manual, PSW and Speaker, SM-220, all original boxes As well as original external shipping box for everything except the SM-220. Non-smoker household .Works Fantastic.
I prefer to sell the whole station together as I do not believe in "parting" out a work of art, and playing the ebay game.
If you are serious, contact me on my yahoo email and we can talk!
Pictures are available.
Best regards
Steve
AB2ET

5355. LDG interface cable for Kenwood TS-850S

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-12-19 17:41:19 UTC
From: kn6ds
Topic: 5355 Message: 5355

As ldg no longer makes this cable can anyone tell me where I can
acquire this cable.
Thank You,
Hilary E. Casey
KN6DS

5356. Re: [TS-850_450_690] LDG interface cable for Kenwood TS-850S

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-12-19 23:35:53 UTC
From: ve3wej gmail
Topic: 5355 Message: 5356

interfacing what.....rig control is available from buxcomm
amp control, check out ampkey...

and i am sure a search would find others....

VE3WEJ or VE3IE @ RAC.CA
Dave Garber
----- Original Message -----
From: kn6ds
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, December 19, 2006 12:41 PM
Subject: [TS-850_450_690] LDG interface cable for Kenwood TS-850S

As ldg no longer makes this cable can anyone tell me where I can
acquire this cable.
Thank You,
Hilary E. Casey
KN6DS

[Non-text portions of this message have been removed]

5357. Re: [TS-850_450_690] Where to find TS450S ACC1 plug

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-12-19 23:36:52 UTC
From: ve3wej gmail
Topic: 5353 Message: 5357

how many pin......

why no order online, check swaps locally, or dealers in your area... also mail order..
Buxcomm

VE3WEJ or VE3IE @ RAC.CA
Dave Garber
----- Original Message -----
From: Russell Blair
To: TS-850_450_690@yahoogroups.com
Sent: Monday, December 18, 2006 9:17 PM
Subject: [TS-850_450_690] Where to find TS450S ACC1 plug

Where in Dallas Tx can I find A plug thats fit the
ACC1 on a TS450S.

Russell

==
Russell Blair
QTH ========= Richardson Tx
CALL ========= NC5O
GRID ========= EM12px
FH# ========== 300
DOS# ========= 470
==

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Tired of spam? Yahoo! Mail has the best spam protection around
http://mail.yahoo.com

[Non-text portions of this message have been removed]

5358. ts850 switch settings

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-12-20 00:00:22 UTC
From: ve3wej gmail
Topic: 5358 Message: 5358

I have installed the sn-1 filter now, and am still confused about the dip switch under the lid...

the book says sw 1 on for the 455 filter, ok...got it
the book says sw3 or 4 for the c-1 or cn-1 8.83 filter (respectively) ok got sw3 on...c-1 filter in my machine

what about sw 2...i have the sn-1 installed but does that switch control whether you have th s-1 or sn-1....nothing I found yet in the manual tells me where to set that one

VE3WEJ or VE3IE @ RAC.CA
Dave Garber

[Non-text portions of this message have been removed]

5359. Re: [TS-850_450_690] Where to find TS450S ACC1 plug

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-12-20 01:08:02 UTC
From: Russell Blair
Topic: 5353 Message: 5359

six pins the ACC1 connector. Tnx I need to look more
online.

Russell
--- ve3wej gmail <ve3wej@...> wrote:

> how many pin......
>
> why no order online, check swaps locally, or dealers
> in your area... also mail order.. Buxcomm
>
> VE3WEJ or VE3IE @ RAC.CA
> Dave Garber
> ----- Original Message -----
> From: Russell Blair
> To: TS-850_450_690@yahoogroups.com
> Sent: Monday, December 18, 2006 9:17 PM
> Subject: [TS-850_450_690] Where to find TS450S
> ACC1 plug
>
>
> Where in Dallas Tx can I find A plug thats fit the
> ACC1 on a TS450S.
>
> Russell
>
> =======================================
> Russell Blair
> QTH ========= Richardson Tx
> CALL ========= NC5O
> GRID ========= EM12px
> FH# ========== 300
> DOS# ========= 470
> =======================================
>
> ~~~~~~
> Do You Yahoo!?
> Tired of spam? Yahoo! Mail has the best spam
> protection around
> http://mail.yahoo.com
>
>
>
>
> [Non-text portions of this message have been

> removed]
>
>

==========
Russell Blair
QTH ========= Richardson Tx
CALL ========= NC5O
GRID ========= EM12px
FH# ========== 300
DOS# ========= 470
==========

Do You Yahoo!?
Tired of spam? Yahoo! Mail has the best spam protection around
http://mail.yahoo.com

5360. RE: [TS-850_450_690] Where to find TS450S ACC1 plug

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-12-20 01:30:19 UTC
From: Steve Gehring
Topic: 5353 Message: 5360

If you wish to order on-line or over the phone, call AES or order at
www.aesham.com

Steve, NL7W

"You see, wire telegraph is a kind of a very, very long cat. You pull his
tail in New York and his head is meowing in Los Angeles. Do you understand
this? And radio operates exactly the same way: you send signals here, they
receive them there. The only difference is that there is no cat.☐
☐ Albert Einstein, explaining radio.
-----Original Message-----
From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of Russell Blair
Sent: Monday, December 18, 2006 5:17 PM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] Where to find TS450S ACC1 plug

Where in Dallas Tx can I find A plug that fit the
ACC1 on a TS450S.

Russell

==
Russell Blair
QTH ========= Richardson Tx
CALL ========= NC5O
GRID ========= EM12px
FH# ========== 300
DOS# ========= 470
==

_____
Do You Yahoo!?
Tired of spam? Yahoo! Mail has the best spam protection around
http://mail.yahoo.com

--
No virus found in this outgoing message.
Checked by AVG Free Edition.
Version: 7.1.409 / Virus Database: 268.15.25/593 - Release Date: 12/19/2006

5361. Kentrol

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-12-20 03:26:58 UTC
From: Lee
Topic: 2892 Message: 5361

Does anyone know where kentrol comes from? Is there a site that I can go to to find out about it? If I were to want to get the full operating version? I have searched the internet but have not come up with anything usefull except older versions than listed here.

5362. Re: [TS-850_450_690] Kentrol

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-12-20 05:00:14 UTC
From: Zack Widup
Topic: 2892 Message: 5362

I may have some documentation on it. I thought it was a Kenwood product
but I may be wrong. I'll look around.

73, Zack W9SZ

On Wed, 20 Dec 2006, Lee wrote:

> Does anyone know where kentrol comes from? Is there a site that I can
> go to to find out about it? If I were to want to get the full
> operating version? I have searched the internet but have not come up
> with anything usefull except older versions than listed here.
>
>

5363. Computer control of TS-850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-12-20 06:45:31 UTC
From: lichfish
Topic: 5363 Message: 5363

I am looking for opinions on the best way to control my 850 with a PC.
I was thinking of using Ham Radio Deluxe. Either homemade interfaces
or commercial ones. Thanks for your help.

5364. Re: [TS-850_450_690] Computer control of TS-850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-12-20 14:56:03 UTC
From: Mark Saunders, KJ7BS
Topic: 5363 Message: 5364

Ham Radio Deluxe is definately the way to go for a station log with rig control. it is feature rich and best of all, it's free. The support on the software is excellent. I've been using HRD for the last two years for my main logging and rig control software. I have it loaded on my main computer in the shack for fixed operations with my TS-850S/AT, IC-706MKIIG, and Elecraft K2. I have HRD loaded on my laptop for field use with the K2. I use a MicroHam USB interface to the rigs except for the K2 which uses special wired DB9 connectors..

Mark, KJ7BS
Glendale, AZ
---- lichfish <jsecl@...> wrote:

==========
I am looking for opinions on the best way to control my 850 with a PC.
I was thinking of using Ham Radio Deluxe. Either homemade interfaces
or commercial ones. Thanks for your help.

--
Mark, KJ7BS
Glendale, AZ

5365. Re: Computer control of TS-850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-12-20 15:14:09 UTC
From: holzschlapfen
Topic: 5363 Message: 5365

Hi
you can buy a cable from g4zlp at ebay, or direct
http://www.g4zlp.co.uk/index.htm
you can catch a IF-232C on the net
or you look a the scematic in the file section
73 Joe
--- In TS-850_450_690@yahoogroups.com, "lichfish" <jsecl@...> wrote:
>
> I am looking for opinions on the best way to control my 850 with a PC.
> I was thinking of using Ham Radio Deluxe. Either homemade interfaces
> or commercial ones. Thanks for your help.
>

5366. Re: ts850 switch settings

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-12-20 15:18:00 UTC
From: holzschlapfen
Topic: 5358 Message: 5366

Hi Dave
switch on the microswitches and you will hear and see hoe the filter
will work.
Also it is possible to use filter for tx, see the manual.
73 Joe
--- In TS-850_450_690@yahoogroups.com, "ve3wej gmail" <ve3wej@...> wrote:
>
> I have installed the sn-1 filter now, and am still confused about
the dip switch under the lid...
>
> the book says sw 1 on for the 455 filter, ok...got it
> the book says sw3 or 4 for the c-1 or cn-1 8.83 filter
(respectively) ok got sw3 on...c-1 filter in my machine
>
> what about sw 2...i have the sn-1 installed but does that switch
control whether you have th s-1 or sn-1....nothing I found yet in the
manual tells me where to set that one
>
> VE3WEJ or VE3IE @ RAC.CA
> Dave Garber
>
> [Non-text portions of this message have been removed]
>

5367. Re: Service manual TS-850S fully colored 213 MB new

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-12-20 15:19:45 UTC
From: holzschlapfen
Topic: 5255 Message: 5367

Hi Clint
do you have a TS 870 S service manual in exchange ? as I wrote in my
posting. If yes I will give you access to the download link
cu Joe
--- In TS-850_450_690@yahoogroups.com, "taephono" <taephono@...> wrote:
>
> Joe,
> Can you post these manuals so others can download them?
>
> 73,
> Clint
> WS1V
> --- In TS-850_450_690@yahoogroups.com, "holzschlapfen" <8ung@>
> wrote:
> >
> > Hi all
> > I wrote in mmy post, I want to exchange this manual with 950 SDX SM.
> > Now I got one 950 SDX SM and did the same scanning, also very high
> and
> > colored resolution.
> > Also very large.
> > Now I am looking for TS-870S service manual in the same quality for
> > exchange to this two manual.
> > kr Joe
> >
> > --- In TS-850_450_690@yahoogroups.com, "holzschlapfen" <8ung@>
> wrote:
> > >
> > > Hi all
> > > I scanned my service manual with truely 400x400 dpi in full color
> > > A4/A3 as pdf. So you can resize to 400% with high resolution
> details
> > > You can see one page of the 205 pages, the whole manual has 213
> MB.
> > >
> > >
> > http://f1.grp.yahoofs.com/v1/8JNURedinaRCQlVUv5U_XDqrrO_X0MzfTE4J_1Grq
> wrnixDrqcudblp2w--E5dgsnIUK-b7uCUACLCxcfwamGtkxmOInLQQw-
> COQ/SMTS_850_A3_203_204.pdf
> > > > I am looking for the same quality service manual for TS-950 SDX in
> > > > exchange.
> > > > kr
> > > > Joe
> > > >
> > >

>

5368. Re: Computer control of TS-850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-12-20 15:24:13 UTC
From: holzschlapfen
Topic: 5363 Message: 5368

Additional I want to say, I used HRD for long time, but the autoswitch
to LSB below 10 MhZ is not implemented yet, I wrote the autor and
became a strange answer, so I use VQLOG as main program, if I want to
make digital modes, I use MIXWIN and after the qsos I export the
internal log of MIXWIN to VQLOG.
cu Joe

--- In TS-850_450_690@yahoogroups.com, "lichfish" <jsecl@...> wrote:
>
> I am looking for opinions on the best way to control my 850 with a PC.
> I was thinking of using Ham Radio Deluxe. Either homemade interfaces
> or commercial ones. Thanks for your help.
>

5369. Seasons Greetings to all

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-12-20 19:39:47 UTC
From: ve3tmt
Topic: 2705 Message: 5369

To everyone in the group, I want to wish you a Merry Christmas and best of the holiday season and Happy New Year 2007

Max
VE3TMT

5370. Re: [TS-850_450_690] Where to find TS450S ACC1 plug

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-12-20 20:31:19 UTC
From: ve3wej gmail
Topic: 5353 Message: 5370

commodore 64 floppy drive cables are 6 pin, if that helps

----- Original Message -----
From: Russell Blair
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, December 19, 2006 8:08 PM
Subject: Re: [TS-850_450_690] Where to find TS450S ACC1 plug

six pins the ACC1 connector. Tnx I need to look more
online.

Russell
--- ve3wej gmail <ve3wej@...> wrote:

> how many pin......
>
> why no order online, check swaps locally, or dealers
> in your area... also mail order.. Buxcomm
>
> VE3WEJ or VE3IE @ RAC.CA
> Dave Garber
> ----- Original Message -----
> From: Russell Blair
> To: TS-850_450_690@yahoogroups.com
> Sent: Monday, December 18, 2006 9:17 PM
> Subject: [TS-850_450_690] Where to find TS450S
> ACC1 plug
>
>
> Where in Dallas Tx can I find A plug thats fit the
> ACC1 on a TS450S.
>
> Russell
>
> ==
> Russell Blair
> QTH ========= Richardson Tx
> CALL ========= NC5O
> GRID ========= EM12px
> FH# ========== 300
> DOS# ========= 470
> ==
>
> ---
> Do You Yahoo!?
> Tired of spam? Yahoo! Mail has the best spam

> protection around
> http://mail.yahoo.com
>
>
>
>
> [Non-text portions of this message have been
> removed]
>
>

=======================================
Russell Blair
QTH ========= Richardson Tx
CALL ========= NC5O
GRID ========= EM12px
FH# ========== 300
DOS# ========= 470
=======================================

____
Do You Yahoo!?
Tired of spam? Yahoo! Mail has the best spam protection around
http://mail.yahoo.com

[Non-text portions of this message have been removed]

5371. Re: [TS-850_450_690] Kentrol

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-12-20 20:34:39 UTC
From: ve3wej gmail
Topic: 2892 Message: 5371

try here...

http://www.hamradio-home.com/rigcontrol.htm

VE3WEJ or VE3IE @ RAC.CA
Dave Garber

----- Original Message -----
From: Lee
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, December 19, 2006 10:26 PM
Subject: [TS-850_450_690] Kentrol

Does anyone know where kentrol comes from? Is there a site that I can go to to find out about it? If I were to want to get the full operating version? I have searched the internet but have not come up with anything usefull except older versions than listed here.

[Non-text portions of this message have been removed]

5372. Re: [TS-850_450_690] Kentrol

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-12-20 20:30:44 UTC
From: ve3wej gmail
Topic: 2892 Message: 5372

used it, didnot like it, dumped it..... probably still on the old simtel website or arrl...try a search for it??

----- Original Message -----
From: Lee
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, December 19, 2006 10:26 PM
Subject: [TS-850_450_690] Kentrol

Does anyone know where kentrol comes from? Is there a site that I can go to to find out about it? If I were to want to get the full operating version? I have searched the internet but have not come up with anything usefull except older versions than listed here.

[Non-text portions of this message have been removed]

5373. Re: [TS-850_450_690] Where to find TS450S ACC1 plug

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-12-20 23:35:57 UTC
From: Russell Blair
Topic: 5353 Message: 5373

I sent a email to BUXCOMMM and told them what I was
looking for, and I got an email back telling me the
part number and price. But all din plugs and not din
plugs, there are differnt sizes and pin location, even
its a 6 pin the plug that goes in the ACC1 on the
TS450s the pins are closer togeather then most din
plugs. Ok oh well my plug will be here in a few days.
Tnx for all the input.

Russell NC5O

--- ve3wej gmail <ve3wej@...> wrote:

> commodore 64 floppy drive cables are 6 pin, if that
> helps
>
>
> ----- Original Message -----
> From: Russell Blair
> To: TS-850_450_690@yahoogroups.com
> Sent: Tuesday, December 19, 2006 8:08 PM
> Subject: Re: [TS-850_450_690] Where to find TS450S
> ACC1 plug
>
>
> six pins the ACC1 connector. Tnx I need to look
> more
> online.
>
> Russell
> --- ve3wej gmail <ve3wej@...> wrote:
>
> > how many pin......
> >
> > why no order online, check swaps locally, or
> dealers
> > in your area... also mail order.. Buxcomm
> >
> > VE3WEJ or VE3IE @ RAC.CA
> > Dave Garber
> > ----- Original Message -----
> > From: Russell Blair
> > To: TS-850_450_690@yahoogroups.com
> > Sent: Monday, December 18, 2006 9:17 PM
> > Subject: [TS-850_450_690] Where to find TS450S
> > ACC1 plug

> >
> >
> > Where in Dallas Tx can I find A plug thats fit
> the
> > ACC1 on a TS450S.
> >
> > Russell
> >
> > ==
> > Russell Blair
> > QTH ========= Richardson Tx
> > CALL ========= NC5O
> > GRID ========= EM12px
> > FH# ========== 300
> > DOS# ========= 470
> > ==
> >
> >
> ---
> > Do You Yahoo!?
> > Tired of spam? Yahoo! Mail has the best spam
> > protection around
> > http://mail.yahoo.com
> >
> >
> >
> >
> > [Non-text portions of this message have been
> > removed]
> >
> >
>
> ==
> Russell Blair
> QTH ========= Richardson Tx
> CALL ========= NC5O
> GRID ========= EM12px
> FH# ========== 300
> DOS# ========= 470
> ==
>
> ---
> Do You Yahoo!?
> Tired of spam? Yahoo! Mail has the best spam
> protection around
> http://mail.yahoo.com
>
>
>
>

> [Non-text portions of this message have been
> removed]
>
>

===
Russell Blair
QTH ========= Richardson Tx
CALL ========= NC5O
GRID ========= EM12px
FH# ========== 300
DOS# ========= 470
===

____
Do You Yahoo!?
Tired of spam? Yahoo! Mail has the best spam protection around
http://mail.yahoo.com

5374. Re: Kentrol

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-12-20 21:51:15 UTC
From: Lee
Topic: 2892 Message: 5374

--- In TS-850_450_690@yahoogroups.com, Zack Widup <w9sz@...> wrote:
>Thanks Zack I would appreciate that, The ver. here is the latest I
can find. It does work the radio ok. I have searched a lot of sites
but have only come up with links to older versions, but no real info
or anybody that claims it.
Lee
>
> I may have some documentation on it. I thought it was a Kenwood
product
> but I may be wrong. I'll look around.
>
> 73, Zack W9SZ
>
> On Wed, 20 Dec 2006, Lee wrote:
>
> > Does anyone know where kentrol comes from? Is there a site that
I can
> > go to to find out about it? If I were to want to get the full
> > operating version? I have searched the internet but have not
come up
> > with anything usefull except older versions than listed here.
> >
> >
>

5375. Re: [TS-850_450_690] Re: Kentrol

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-12-21 01:16:21 UTC
From: Zack Widup
Topic: 2892 Message: 5375

The version I put in the Files section is 5.2. It lists the program as
shareware by Brian Gilhuly, VE3BGB.

His address as of 1995 was:

Brian Gilhuly
76 McDonald Street S.
Arnprior, ON
K7S 2W5
Canada

This address still appears to be good.

His e-mail address listed was: brian@.... That address is no
longer valid - I just sent an e-mail to it and it bounced.

In fact, I looked around and it appears synapse.net doesn't exist anymore.
Maybe I'm one of a rare breed - I still have the same e-mail address I
had in 1995!

Maybe someone could write to him and ask if he still registers the
program (or am I elected?) :-)

73, Zack W9SZ

On Wed, 20 Dec 2006, Lee wrote:

> --- In TS-850_450_690@yahoogroups.com, Zack Widup <w9sz@...> wrote:
> >Thanks Zack I would appreciate that, The ver. here is the latest I
> can find. It does work the radio ok. I have searched a lot of sites
> but have only come up with links to older versions, but no real info
> or anybody that claims it.
> Lee
> >
> > I may have some documentation on it. I thought it was a Kenwood
> product
> > but I may be wrong. I'll look around.
> >
> > 73, Zack W9SZ
> >
> > On Wed, 20 Dec 2006, Lee wrote:
> >
> > > Does anyone know where kentrol comes from? Is there a site that
> I can
> > > go to to find out about it? If I were to want to get the full
> > > operating version? I have searched the internet but have not
> come up

> > > with anything usefull except older versions than listed here.
> > >
> > >
> >
>
>
>

5376. Re: [TS-850_450_690] Re: Computer control of TS-850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-12-21 02:11:12 UTC
From: Tom Osborne
Topic: 5363 Message: 5376

I second the motion for Neil, G4ZLP. I bought 3 of those cables from him and they work excellent. I have 2 for my TS-450's and one for my FT-840. He has excellent customer service and mine arrived in Oregon 6 days after I ordered it. You can't go wrong. 73
Tom W7WHY

> Hi
> you can buy a cable from g4zlp at ebay, or direct
> http://www.g4zlp.co.uk/index.htm
> you can catch a IF-232C on the net
> or you look a the scematic in the file section
> 73 Joe

5377. Re: [TS-850_450_690] Where to find TS450S ACC1 plug

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-12-21 02:21:29 UTC
From: ve3wej gmail
Topic: 5353 Message: 5377

standard 6 pin, not like the mini din on yaesu....all my Kenwoods have been the same here

ts440, ts790, and the 850sat

----- Original Message -----
From: Russell Blair
To: TS-850_450_690@yahoogroups.com
Sent: Wednesday, December 20, 2006 6:35 PM
Subject: Re: [TS-850_450_690] Where to find TS450S ACC1 plug

I sent a email to BUXCOMMM and told them what I was
looking for, and I got an email back telling me the
part number and price. But all din plugs and not din
plugs, there are differnt sizes and pin location, even
its a 6 pin the plug that goes in the ACC1 on the
TS450s the pins are closer togeather then most din
plugs. Ok oh well my plug will be here in a few days.
Tnx for all the input.

Russell NC5O

--- ve3wej gmail <ve3wej@...> wrote:

> commodore 64 floppy drive cables are 6 pin, if that
> helps
>
>
> ----- Original Message -----
> From: Russell Blair
> To: TS-850_450_690@yahoogroups.com
> Sent: Tuesday, December 19, 2006 8:08 PM
> Subject: Re: [TS-850_450_690] Where to find TS450S
> ACC1 plug
>
>
> six pins the ACC1 connector. Tnx I need to look
> more
> online.
>
> Russell
> --- ve3wej gmail <ve3wej@...> wrote:
>
> > how many pin......
> >
> > why no order online, check swaps locally, or
> dealers

> > in your area... also mail order.. Buxcomm
> >
> > VE3WEJ or VE3IE @ RAC.CA
> > Dave Garber
> > ----- Original Message -----
> > From: Russell Blair
> > To: TS-850_450_690@yahoogroups.com
> > Sent: Monday, December 18, 2006 9:17 PM
> > Subject: [TS-850_450_690] Where to find TS450S
> > ACC1 plug
> >
> >
> > Where in Dallas Tx can I find A plug thats fit
> the
> > ACC1 on a TS450S.
> >
> > Russell
> >
> > ==
> > Russell Blair
> > QTH ========= Richardson Tx
> > CALL ========= NC5O
> > GRID ========= EM12px
> > FH# ========== 300
> > DOS# ========= 470
> > ==
> >
> >
> ~~~~~~
> > Do You Yahoo!?
> > Tired of spam? Yahoo! Mail has the best spam
> > protection around
> > http://mail.yahoo.com
> >
> >
> >
> >
> > [Non-text portions of this message have been
> > removed]
> >
> >
>
> ==
> Russell Blair
> QTH ========= Richardson Tx
> CALL ========= NC5O
> GRID ========= EM12px
> FH# ========== 300
> DOS# ========= 470
> ==

>
> _____
> Do You Yahoo!?
> Tired of spam? Yahoo! Mail has the best spam
> protection around
> http://mail.yahoo.com
>
>
>
>
> [Non-text portions of this message have been
> removed]
>
>

==========
Russell Blair
QTH ========= Richardson Tx
CALL ========= NC5O
GRID ========= EM12px
FH# ========== 300
DOS# ========= 470
==========

_____
Do You Yahoo!?
Tired of spam? Yahoo! Mail has the best spam protection around
http://mail.yahoo.com

[Non-text portions of this message have been removed]

5378. Re: [TS-850_450_690] Kentrol

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-12-21 02:24:15 UTC
From: ve3wej gmail
Topic: 2892 Message: 5378

meant to ask, for what radio is this for.. I use kmij for rig control on the 850, but ham radio deluxe for others.

----- Original Message -----
From: Lee
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, December 19, 2006 10:26 PM
Subject: [TS-850_450_690] Kentrol

Does anyone know where kentrol comes from? Is there a site that I can go to to find out about it? If I were to want to get the full operating version? I have searched the internet but have not come up with anything usefull except older versions than listed here.

[Non-text portions of this message have been removed]

5379. Re: Kentrol

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-12-21 02:47:19 UTC
From: Lee
Topic: 2892 Message: 5379

Zack
Thanks I just mailed him a letter to see what happens. Looks like he had up to ver.8 something. No need of you having to do all the work, seeing as I'm the one who needs the info.
Lee

--- In TS-850_450_690@yahoogroups.com, Zack Widup <w9sz@...> wrote:
>
>
> The version I put in the Files section is 5.2. It lists the program as
> shareware by Brian Gilhuly, VE3BGB.
>
> His address as of 1995 was:
>
> Brian Gilhuly
> 76 McDonald Street S.
> Arnprior, ON
> K7S 2W5
> Canada
>
> This address still appears to be good.
>
> His e-mail address listed was: brian@... That address is no
> longer valid - I just sent an e-mail to it and it bounced.
>
> In fact, I looked around and it appears synapse.net doesn't exist anymore.
> Maybe I'm one of a rare breed - I still have the same e-mail address I
> had in 1995!
>
> Maybe someone could write to him and ask if he still registers the
> program (or am I elected?) :-)
>
> 73, Zack W9SZ
>
> On Wed, 20 Dec 2006, Lee wrote:
>
> > --- In TS-850_450_690@yahoogroups.com, Zack Widup <w9sz@> wrote:
> > >Thanks Zack I would appreciate that, The ver. here is the latest I
> > can find. It does work the radio ok. I have searched a lot of sites
> > but have only come up with links to older versions, but no real

info
> > or anybody that claims it.
> > Lee
> > >
> > > I may have some documentation on it. I thought it was a
Kenwood
> > product
> > > but I may be wrong. I'll look around.
> > >
> > > 73, Zack W9SZ
> > >
> > > On Wed, 20 Dec 2006, Lee wrote:
> > >
> > > > Does anyone know where kentrol comes from? Is there a site
that
> > I can
> > > > go to to find out about it? If I were to want to get the
full
> > > > operating version? I have searched the internet but have not
> > come up
> > > > with anything usefull except older versions than listed
here.
> > > >
> > > >
> > >
> >
> >
>

5380. Re: Kentrol

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-12-21 02:53:14 UTC
From: Lee
Topic: 2892 Message: 5380

Yes I'm using it with the TS-850SAT. I'm using WIN-EQF for logging, I've been real happy with it for logging since 97 in differing forms and versions. And it reads the 850 info into it just fine, but doesn't control the radio. So I'm not too interested in a new logging program, just a good radio interface.
Lee

--- In TS-850_450_690@yahoogroups.com, "ve3wej gmail" <ve3wej@...> wrote:
>
> meant to ask, for what radio is this for.. I use kmij for rig control on the 850, but ham radio deluxe for others.
> ----- Original Message -----
> From: Lee
> To: TS-850_450_690@...m
> Sent: Tuesday, December 19, 2006 10:26 PM
> Subject: [TS-850_450_690] Kentrol
>
>
> Does anyone know where kentrol comes from? Is there a site that I can
> go to to find out about it? If I were to want to get the full
> operating version? I have searched the internet but have not come up
> with anything usefull except older versions than listed here.
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

5381. Re: [TS-850_450_690] Kentrol

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-12-21 05:12:26 UTC
From: Zack Widup
Topic: 2892 Message: 5381

According to the directions, Kentrol (at least the version 5.2) works with the 440, 850, 940, 950, R-5000, the 140/680/450/690 "for HF operation", and the TS-50 except there is evidently no remote control feature for reading or writing to the memories on the TS-50.

I happen to like the feature that you can save the memories as a computer file and upload a whole new set all at once to the radio (except for the TS-50). I have several sets of memory files for "beacons", "SW broadcasters", "UTE stations", etc.

73, Zack W9SZ

On Wed, 20 Dec 2006, ve3wej gmail wrote:

> meant to ask, for what radio is this for.. I use kmij for rig control on the 850, but ham radio deluxe for others.
> ----- Original Message -----
> From: Lee
> To: TS-850_450_690@yahoogroups.com
> Sent: Tuesday, December 19, 2006 10:26 PM
> Subject: [TS-850_450_690] Kentrol
>
>
> Does anyone know where kentrol comes from? Is there a site that I can
> go to to find out about it? If I were to want to get the full
> operating version? I have searched the internet but have not come up
> with anything usefull except older versions than listed here.
>
>
>
>
>
> [Non-text portions of this message have been removed]
>
>

5382. Re: [TS-850_450_690] Re: Kentrol

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-12-21 05:20:51 UTC
From: Zack Widup
Topic: 2892 Message: 5382

Hi Lee,

Cool! Let us know what you find out.

73, Zack W9SZ

On Thu, 21 Dec 2006, Lee wrote:

> Zack
> Thanks I just mailed him a letter to see what happens. Looks like he
> had up to ver.8 something. No need of you having to do all the work,
> seeing as I'm the one who needs the info.
> Lee
>
>
>
> --- In TS-850_450_690@yahoogroups.com, Zack Widup <w9sz@...> wrote:
> >
> >
> > The version I put in the Files section is 5.2. It lists the
> program as
> > shareware by Brian Gilhuly, VE3BGB.
> >
> > His address as of 1995 was:
> >
> > Brian Gilhuly
> > 76 McDonald Street S.
> > Arnprior, ON
> > K7S 2W5
> > Canada
> >
> > This address still appears to be good.
> >

5383. Re: Seasons Greetings to all

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-12-21 10:21:57 UTC
From: yo4fko_cqdx
Topic: 2705 Message: 5383

Seasons Greetings to all

To everyone in the group, I want to wish you a Merry Christmas and
best of the holiday season and Happy New Year 2007

YO4FKO @ YO4HYL
Remo Veronica

5384. How high did the TS-850s serial numbers go

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-12-23 02:56:42 UTC
From: Tim Logan
Topic: 2705 Message: 5384

Can someone tell me about how high the TS-850s serial numbers went? did they go beyond 70XXXXX....? thanks folks.

5385. RE: How high did the TS-850s serial numbers go

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-12-23 11:27:18 UTC
From: Randy Brothers
Topic: 2705 Message: 5385

Into the 8xxxxxx's - believe production stopped on '96.

73 Randy K9OR

Can someone tell me about how high the TS-850s serial numbers went? did
they go beyond 70XXXXX....? thanks folks.

5386. Re: [TS-850_450_690] RE: How high did the TS-850s serial numbers go

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-12-23 12:26:50 UTC
From: Paul
Topic: 2705 Message: 5386

mine starts with 410..... Does it need any modification??

Paul

Randy Brothers <k9or@...> wrote:
Into the 8xxxxxx's - believe production stopped on '96.

73 Randy K9OR

Can someone tell me about how high the TS-850s serial numbers went? did
they go beyond 70XXXXX....? thanks folks.

Do You Yahoo!?
Tired of spam? Yahoo! Mail has the best spam protection around
http://mail.yahoo.com

[Non-text portions of this message have been removed]

5387. Kenwood Retro Manuals

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-12-23 16:01:57 UTC
From: taephono
Topic: 5387 Message: 5387

Kenwood now has many more operating manuals available in PDF for
download at their site: http://www.kenwoodusa.com/
You won't find any service manuals there.

Holiday Cheer to all!!

73
Clint - WS1V

5388. Re: How high did the TS-850s serial numbers go

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-12-23 16:08:54 UTC
From: Clif
Topic: 2705 Message: 5388

The highest in my repair database is 8050000x. There are several 801 & 802.

Clif

--- In TS-850_450_690@yahoogroups.com, Tim Logan <nz7c@...> wrote:
>
> Can someone tell me about how high the TS-850s serial numbers went? did
> they go beyond 70XXXXX....? thanks folks.
>

5389. Re: [TS-850_450_690] RE: How high did the TS-850s serial numbers go

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-12-23 14:09:39 UTC
From: crownhaven
Topic: 2705 Message: 5389

This is what I use for the TS-870S. I think it is the same for the
850, etc......

7 Million = 1995
8 Million = 1996
9 Million = 1997
0 Million = 1998
1 Million = 1999
2 Million = 2000
3 Million = 2001
4 Million = 2002
5 Million = 2003
6 Million = 2004

Paul wrote:

> mine starts with 410...... Does it need any modification??
>
> Paul
>
> Randy Brothers <k9or@... <mailto:k9or%40comcast.net>> wrote:
> Into the 8xxxxxx's - believe production stopped on '96.
>
> 73 Randy K9OR
> ---------------
> Can someone tell me about how high the TS-850s serial numbers went? did
> they go beyond 70XXXXX....? thanks folks.
>
> _____
> Do You Yahoo!?
> Tired of spam? Yahoo! Mail has the best spam protection around
> http://mail.yahoo.com <http://mail.yahoo.com>
>
> [Non-text portions of this message have been removed]
>
>

5390. Re: [TS-850_450_690] Re: How high did the TS-850s serial numbers go

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-12-23 16:18:21 UTC
From: crownhaven
Topic: 2705 Message: 5390

Clif, I know you are the Kenwood guru. How do you compare the 850 vs. the 870? I have both. To me, the 870's receiver seems a little quieter. I also have the 450 and the 690. I find the latter are great boxes for the money, especially with all the filters in them. I just hope none of mine quit.

Happy holidays everyone!

Steve, N4JQQ

Clif wrote:

> The highest in my repair database is 8050000x. There are several 801 &
> 802.
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>, Tim Logan <nz7c@...> wrote:
> >
> > Can someone tell me about how high the TS-850s serial numbers went? did
> > they go beyond 70XXXXX....? thanks folks.
> >
>
>

5391. Merry Christmas

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-12-24 16:46:40 UTC
From: Allan
Topic: 5391 Message: 5391

Hi all,

I wish you and your family a Merry Christmas !!!!

Have a nice day,

Regards

Allan from FRANCE

D?couvrez une nouvelle fa?on d'obtenir des r?ponses ? toutes vos questions !
Profitez des connaissances, des opinions et des exp?riences des internautes sur Yahoo!
Questions/R?ponses
http://fr.answers.yahoo.com

5392. Filter setup question for the TS-850s

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-12-24 19:43:48 UTC
From: Tim Logan
Topic: 2705 Message: 5392

Hi folks -
I have just purchased a TS-850s off of ebay with two Inrad 500hz filters. I have purchased it for cw use but have not been up close to a TS-850s. Can someone clairfy for me the filter slot layout and model numbers of the original Kenwood filters available for each slot? I figure I'll shop for filters while waiting for rig to get here.

Here are my other questions (bear in mind that I am just a guy who loves cw but a techno moron.):
1 - To this point I am only familiar with Ten Tec for cw operation - Ten Tec uses the term "cascade" for their filter setup - so I will borrow that term here.
2 - I presume the two 500hz Inrads it comes with are in line, what I call cascaded, can I leave them in and also have the option of cascading a 500 with a 270?
3 - Those of you who use a 270 - does it "ring" - any comments on that filter width would be helpful.
4 - If I want to put in a 1.8 filter for occassional SSB, will it reduce my options for cw filter combinations?
5 - Were the original Kenwood filters pretty good or should I shop for Inrad when looking for a 270 and 1.8?

Thank you in advance for your help and may all have a healthy and happy coming year.
73/Tim NZ7C

> ,_._,___

5393. Re: [TS-850_450_690] Filter setup question for the TS-850s

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-12-24 20:37:29 UTC
From: 'Doc'
Topic: 2705 Message: 5393

Tim,
The '850 has 'slots' for three filters, two in one IF stage, one in the other (can't remember which is which). One filter in each IF stage can be cascaded with one filter in the other IF stage. SSB or CW, either way.
If you have the INRAD filters, stick with what you have! The Kenwood filters are 'poo-poo' compared to the INRADs. Cascading two 500 Hz filters gives you the equivalent of about the 25o Hz.
If you want a narrow SSB filter try the INRAD '2.1'Kz filter, you'll like it much better than the Kenwood '1.8' filter, believe me!
Paul / W5LZ

5394. Thanks Paul - Filter setup question for the TS-850s

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-12-25 00:27:10 UTC
From: Tim Logan
Topic: 2705 Message: 5394

Paul -
Thanks Paul - I assumed the Inrads would be much better, but on my TS-480 Kenwood surprised me - IRC said they could not make better filters for it than the Kenwoods! In any event it sounds like the existing pair of 500Hz filters gives me just the result I want. Thanks Paul! Your help is most appreciated..
73/Tim NZ7C

'Doc' wrote:

> Tim,
> The '850 has 'slots' for three filters, two in one
> IF stage, one in the other (can't remember which is
> which). One filter in each IF stage can be cascaded
> with one filter in the other IF stage. SSB or CW,
> either way.
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> '2.1'Kz filter, you'll like it much better than the
> Kenwood '1.8' filter, believe me!
> Paul / W5LZ
>
>

5395. Re: [TS-850_450_690] Filter setup question for the TS-850s

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-12-25 00:33:35 UTC
From: crownhaven
Topic: 2705 Message: 5395

Tim, congrats on your purchase. I believe you will like the TS-850S. I have one as well as a 690, 450 and 870. They are great CW boxes in my opinion. The 450/690 and 850 allow you to select filters separately and independently in each IF. You have a button for each IF that allows you to select a filters independently of the other IF's. In my 850, I have a YK-88C-1 (500) and a YK-88CN-1 (270) as well as a YG-455C-1 (500). This fills up the three slots and corresponds with the display. HOWEVER, you can put an SSB filter in one of these slots instead of the CW filter but the display won't be correct. It doesn't matter. In my 450 I have a 500 Hz filter, 250 Hz filter and a 1.8 Hz SSB filter. In the 690, I have two 500 Hz filters as well as a 1.8 Hz SSB filter.

I got the SSB filters in various trades, etc. They are OK but you don't really need them. One thing to remember about the 850 is the slope tuning. You could actually get along without filters if you wanted and you can use the slope tuning in any mode to tweak your bandwidth. It only worked in the SSB mode in the TS-940.

There are those who know better than I what combinations of filters work best. I have never tried the IRC filters in any of my Kenwoods but I would like to. However, the expense has kept me from doing it with the filters I have already.

I would love to hear some comparisons from TS-850S owners of Kenwood filters vs. the IRC filters. I bought IRC filters once for a Yaesu radio and I didn't like them. However, it was the old 747 which wasn't much of a radio to begin with.

The TS-850S followed my TS-830S which had an incredibly quiet receiver. I bought the 850 because the controls, layout were similar to the 830. The 940 was not. Further, the QST review at the time said it was the best receiver they had tested as well as the best CW box. They weren't wrong in my opinion.

My only fear is mine is going to break and I won't be able to get it fixed. All of this being said, try an 870 too. I think the receiver is a little quieter than the 850 but I wish it had options for hardware filters.

I have had to send my TS-850S back for service about three times since I bought it new at HRO in VA many years ago. Minor stuff and no big deal in my opinion. My SN is 30100836. If I could find a very late 850 in perfect condition, I would buy it for a spare here.

Happy holidays.

Steve, N4JQQ

Tim Logan wrote:

> Hi folks -
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> filters. I have purchased it for cw use but have not been up close to a
> TS-850s. Can someone clairfy for me the filter slot layout and model
> numbers of the original Kenwood filters available for each slot? I
> figure I'll shop for filters while waiting for rig to get here.
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> Here are my other questions (bear in mind that I am just a guy who loves
> cw but a techno moron.):
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> Tec uses the term "cascade" for their filter setup - so I will borrow
> that term here.
> 2 - I presume the two 500hz Inrads it comes with are in line, what I
> call cascaded, can I leave them in and also have the option of cascading
> a 500 with a 270?
> 3 - Those of you who use a 270 - does it "ring" - any comments on that
> filter width would be helpful.
> 4 - If I want to put in a 1.8 filter for occassional SSB, will it reduce
> my options for cw filter combinations?
> 5 - Were the original Kenwood filters pretty good or should I shop for
> Inrad when looking for a 270 and 1.8?
>
> Thank you in advance for your help and may all have a healthy and happy
> coming year.
> 73/Tim NZ7C
>
> > ,_._,___
>
>

5396. RE: [TS-850_450_690] Filter setup question for the TS-850s

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-12-25 06:22:53 UTC
From: Steve Gehring
Topic: 2705 Message: 5396

Hi Tim,

I agree with W5LZ's comments. The matched pair of 400 Hz CW filters from IRC is your ticket to success. Cascaded, they are an incredible combination.

As for the lone 2.1 KHz SSB filter in the 8.83 MHz IF, assign it to the 270 Hz slot, dipswitch #4 on. In effect, this will leave the rig☐s installed 2.7 KHz filter alone, offering you the choice between these two SSB filters by the push of the 8.83 FILTER selection button on the front panel. You'll like the difference the 2.1 KHz makes for you on crowded bands -- slightly narrower, but with steep skirts. Like you may assume, install and assign the Inrad 400 Hz CW filters to the 500 Hz slot in both IFs. ☐ dipswitch positions 1 and 3 on.

These Inrad filters are the bomb! Enjoy on of the better analog radios ever built. They really are exceptional.

73 and Merry Christmas.

Steve, NL7W

"You see, wire telegraph is a kind of a very, very long cat. You pull his tail in New York and his head is meowing in Los Angeles. Do you understand this? And radio operates exactly the same way: you send signals here, they receive them there. The only difference is that there is no cat.☐
☐ Albert Einstein, explaining radio

--
No virus found in this outgoing message.
Checked by AVG Free Edition.
Version: 7.1.409 / Virus Database: 268.15.26/601 - Release Date: 12/24/2006

5397. Re: [TS-850_450_690] Filter setup question for the TS-850s

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-12-25 14:48:28 UTC
From: crownhaven
Topic: 2705 Message: 5397

Guys, do the IRC filters plug in the TS-850S? No mods required? You have me interested now.

Regards,

Steve, N4JQQ

Steve Gehring wrote:

> Hi Tim,
>
> I agree with W5LZ's comments. The matched pair of 400 Hz CW filters from
> IRC is your ticket to success. Cascaded, they are an incredible
> combination.
>
> As for the lone 2.1 KHz SSB filter in the 8.83 MHz IF, assign it to
> the 270
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> "You see, wire telegraph is a kind of a very, very long cat. You pull his
> tail in New York and his head is meowing in Los Angeles. Do you understand
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>

5398. TS 450/850 touchup paint

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-12-25 15:41:16 UTC
From: Ed Weston
Topic: 5398 Message: 5398

Does anyone have a source for paint to match the 450 or 850 case.
I have a couple of spots to touch up and would like to find a good
match for them.

73
thanks Ed AI4KE

5399. Thanks to all re - Filter setup question for the TS-850s

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-12-25 13:33:58 UTC
From: Tim Logan
Topic: 2705 Message: 5399

Thanks to both Steves, Bill, Paul, and John for input on filter setup. All have responded with the same recommendations as well as praises for the 850. Looking forward to receiving the new rig. Thanks guys and a happy, healthy coming year to all! Tim, NZ7C

5400. Re: How high did the TS-850s serial numbers go

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-12-25 17:43:52 UTC
From: Clif
Topic: 2705 Message: 5400

I think the 870 is a little quieter but not much.

Clif

--- In TS-850_450_690@yahoogroups.com, crownhaven <crownhaven@...> wrote:
>
> Clif, I know you are the Kenwood guru. How do you compare the 850 vs.
> the 870? I have both. To me, the 870's receiver seems a little
> quieter. I also have the 450 and the 690. I find the latter are great
> boxes for the money, especially with all the filters in them. I just
> hope none of mine quit.
>
> Happy holidays everyone!
>
> Steve, N4JQQ
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> Clif wrote:
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> > The highest in my repair database is 8050000x. There are several 801 &
> > 802.
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> > Clif
> >
> > --- In TS-850_450_690@yahoogroups.com
> > <mailto:TS-850_450_690%40yahoogroups.com>, Tim Logan <nz7c@> wrote:
> > >
> > > Can someone tell me about how high the TS-850s serial numbers
went? did
> > > they go beyond 70XXXXX....? thanks folks.
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> >
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5401. Re: [TS-850_450_690] Re: How high did the TS-850s serial numbers go

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-12-25 21:21:33 UTC
From: eric
Topic: 2705 Message: 5401

I gotta say, I have been a Kenwood fan all of my Amateur radio career, (TS-440, 850, 870, 2000, and Yaesu ft-100d) and the 850 drives me nuts listening to it for more than 1/2 hour; a constant hiss. The 200 was equal of worse. The only reason I have kept the DSP-100 is for the quietness it brings to the 850 receive. I agree the 870 is a tad quieter, but not much. I hate to say it, but I want to check out an Icom pro 3 as I read the owners say it has a very low noise floor. AES, in Milwaukee said I could bring my own 870 in and set it up next to a pro 3 for comparison and I will do that some day when I have time. If it plays well, you never know!?

There are rumors that Kenwood is going to bring out a new HF rig in 2007. Anybody else hear such?

Happy Holidays.
KR9W, Eric

Clif wrote:
>
> I think the 870 is a little quieter but not much.
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> --- In TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>, crownhaven <crownhaven@...>
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5402. Re: [TS-850_450_690] Re: How high did the TS-850s serial numbers go

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-12-25 22:15:47 UTC
From: Paul
Topic: 2705 Message: 5402

It would be real nice if they brought out a SDX-970... but I doubt it.
Kenwood seems to have abandoned the high end HF radio market.

Paul - K2BK

P.S... I have an Icom 756-Pro-III, and it's a great radio.

eric wrote:

> ... There are rumors that Kenwood is going to bring out a new HF rig in
> 2007. Anybody else hear such?
>
> Happy Holidays.
> KR9W, Eric
>
> Clif wrote:
> >
> > I think the 870 is a little quieter but not much.
> >
> > Clif
>
>
>

5403. Re: [TS-850_450_690] Re: How high did the TS-850s serial numbers go

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-12-26 01:33:50 UTC
From: Charles Mortimer
Topic: 2705 Message: 5403

good morning gentlemen just a short message if you want a quite receive go back to the hybrids that's when you will find a difference these new fangled things are noisy as a bunch of galas I know I have a 430 and a 690 I must find myself a dsp you don't require one on an 830 or 820 myself I am a Kenwood nut if you ever get the chance to listen to one of the older Kenwood's now that's been let out ...one of the best kept secrets I going to cop some flack from some one
charles vk6ycj

----- Original Message -----
From: eric
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, December 26, 2006 6:21 AM
Subject: Re: [TS-850_450_690] Re: How high did the TS-850s serial numbers go

I gotta say, I have been a Kenwood fan all of my Amateur radio career, (TS-440, 850, 870, 2000, and Yaesu ft-100d) and the 850 drives me nuts listening to it for more than 1/2 hour; a constant hiss. The 200 was equal of worse. The only reason I have kept the DSP-100 is for the quietness it brings to the 850 receive. I agree the 870 is a tad quieter, but not much. I hate to say it, but I want to check out an Icom pro 3 as I read the owners say it has a very low noise floor. AES, in Milwaukee said I could bring my own 870 in and set it up next to a pro 3 for comparison and I will do that some day when I have time. If it plays well, you never know!?

There are rumors that Kenwood is going to bring out a new HF rig in 2007. Anybody else hear such?

Happy Holidays.
KR9W, Eric

Clif wrote:
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> --- In TS-850_450_690@yahoogroups.com
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> > Clif, I know you are the Kenwood guru. How do you compare the 850 vs.
> > the 870? I have both. To me, the 870's receiver seems a little
> > quieter. I also have the 450 and the 690. I find the latter are great
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[Non-text portions of this message have been removed]

5404. Re: [TS-850_450_690] Filter setup question for the TS-850s

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-12-25 22:33:38 UTC
From: 'Doc'
Topic: 2705 Message: 5404

JUst plug-in? No, not the 455 stage filters, they
are slightly larger than Kenwood's. It really isn't
that much of a problems though. It means the
bendingpove, or removal of the two inner pins on each
'end' of the filter. Since those two pins don't do
anything anywaym it isn't a 'biggy'. (they just 'hold'
the filters, sort of, by going through the pin-sockets
on the filter board.) The two 'outer' pins in each
socket are the only ones which need/should make
contact with anything. 'Wire-wrapping' the leads from
the INRAD filters works just fine (or solder them,
whatever).
Paul / W5LZ

5405. Re: [TS-850_450_690] Thanks to all re - Filter setup question for the TS-850s

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-12-25 22:35:20 UTC
From: 'Doc'
Topic: 2705 Message: 5405

...one last thing! :) Be sure to turn on the 'fine'
tuning, you'll need it with those '400' Inrads!
el'Zed

5406. TS-850S Rascal PK-31 Problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-12-26 23:07:55 UTC
From: crownhaven
Topic: 5406 Message: 5406

Hello folks....I have a Rascal interface that I have been using with Digipan and my TS-870S. It worked great. I just swapped out the 870 for my 850 here in the shack and plugged the interface into the 850. According to everything I am reading, all the wiring is the same, etc. However, I get only a hum when I key the TS-850S. The transmitter does go into transmit but no tones. I have an FSK and AFSK cable with the Rascal and the same thing happens with either cable. FSK via MMTTY works fine as it did with the TS-870. I can't figure this one out. Any thoughts??????

Steve, N4JQQ

5407. Re: [TS-850_450_690] TS-850S Rascal PK-31 Problem/Belay My Last

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-12-27 00:03:20 UTC
From: crownhaven
Topic: 5406 Message: 5407

Belay that....it appears someone, and I suggest young son, had disabled the audio output on my soundcard. Sorry for the confusion folks. He rarely uses my computer and that was the last thing I checked.

Steve, N4JQQ

crownhaven wrote:

> Hello folks....I have a Rascal interface that I have been using with
> Digipan and my TS-870S. It worked great. I just swapped out the 870
> for my 850 here in the shack and plugged the interface into the 850.
> According to everything I am reading, all the wiring is the same, etc.
> However, I get only a hum when I key the TS-850S. The transmitter does
> go into transmit but no tones. I have an FSK and AFSK cable with the
> Rascal and the same thing happens with either cable. FSK via MMTTY
> works fine as it did with the TS-870. I can't figure this one out. Any
> thoughts??????
>
> Steve, N4JQQ
>
>

5408. KEnwood ts-850sat ps-53 and mc-60a mic for sale or trade

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-12-30 03:06:51 UTC
From: Ric
Topic: 5408 Message: 5408

What is a fair asking price for a Kenwood ts-850sat with filters , Ps-53 power supply and Mc-60a mic.....all pieces are in great condition.... say 8+ of 10....

5409. When were they built?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-12-30 04:05:56 UTC
From: n7ioh
Topic: 5409 Message: 5409

Hi all, I know we have discussed how to determine when a radio was built by the serial number. However, I am thinking that the formula of subtracting two from the first digit to determine the year might be wrong. I am a member of another Yahoo group for the Kenwood R-5000 receiver. We have been discussing this for a few days and the subtracting of two does not seem to be working too well. What a few of us have come up with is subtracting one from the first digit for the year seems to be more in line with what you would expect for a delay from manufacture date to being received in the retail stores.

Here is what I have found out about my R-5000. The radio was made from 1987 to 1996 according to DXing.com. Here is their link, http://www.dxing.com/rx/r5000.htm My serial number is, 8040137 which would make it made in April of 1986 if you subtract 2 from the first digit. I have the original boxes and on two sides of the large box it is dated 8-13-87 as the shipping date from Kenwood in Long Beach, CA to HRO in Burlingame, CA. I can't imagine Kenwood warehousing a radio for one year four months before shipping it to a dealer. Four months does seem more in line with what I would expect figuring shipping from Japan.

I would be interested in hearing from others that may have some documentation that would shed more light on this subject.

Al, n7ioh

"Life is tough, it's tougher if you are stupid".

To error is human, to forgive is against company policy.

5410. Re: [TS-850_450_690] KEnwood ts-850sat ps-53 and mc-60a mic for sale or trade

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-12-30 15:41:05 UTC
From: 'Doc'
Topic: 5408 Message: 5410

Ric,
That's one of 'those' questions. Depending on how familiar you are with the '850, even a 'high' price might seem reasonable. The average (from both the highest and lowest figures I've seen lately) is something around $800 dollars. It's a very wide range of prices so give or take something around 40%, sort of. That 'average' includes both ends of the spectrum, junk to a literally new radio, and isn't gonna be of much help to you. I can tell you what I paid for an '850, but then you gotta figure in just how 'crazy' I qam to start with, you know? What was the asking price?
Paul / 'Doc

5411. Re: [TS-850_450_690] KEnwood ts-850sat ps-53 and mc-60a mic for sale or trade

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-12-30 04:10:46 UTC
From: ve3wej gmail
Topic: 5408 Message: 5411

my self, I would not by the ps-53 not the matching power supply for the 850, but you could figure around 800.00 for radio, 100 for powers upply, and 100.00 for mike..

some prices higher , some lower, best to search the swap listings online and see what they selling for

----- Original Message -----
From: Ric
To: TS-850_450_690@yahoogroups.com
Sent: Friday, December 29, 2006 10:06 PM
Subject: [TS-850_450_690] KEnwood ts-850sat ps-53 and mc-60a mic for sale or trade

What is a fair asking price for a Kenwood ts-850sat with filters , Ps-
53 power supply and Mc-60a mic.....all pieces are in great
condition.... say 8+ of 10....

[Non-text portions of this message have been removed]

5412. Re: [TS-850_450_690] KEnwood ts-850sat ps-53 and mc-60a mic for sale or trade

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-12-30 19:02:08 UTC
From: Zack Widup
Topic: 5408 Message: 5412

I've seen them go for $650 to $1000 (just the 850). I paid $900 for just my 850, which was in mint condition. It had the ATU and DRU units installed.

I've been using my PS-50 with it, which doesn't match the 850 cosmetically but works FB. I bought it from AES for I think $150 to use with my 440 (now a standby rig).

Having Inrad filters in the 850 probably makes it more valuable. If there's any improvement I'd make to mine now, it would be to add those.

73, Zack W9SZ

On Sat, 30 Dec 2006, 'Doc' wrote:

> Ric,
> That's one of 'those' questions. Depending on how
> familiar you are with the '850, even a 'high' price
> might seem reasonable. The average (from both the
> highest and lowest figures I've seen lately) is
> something around $800 dollars. It's a very wide range
> of prices so give or take something around 40%, sort
> of. That 'average' includes both ends of the
> spectrum, junk to a literally new radio, and isn't
> gonna be of much help to you. I can tell you what I
> paid for an '850, but then you gotta figure in just
> how 'crazy' I qam to start with, you know? What was
> the asking price?
> Paul / 'Doc
>
>

5413. RE: [TS-850_450_690] KEnwood ts-850sat ps-53 and mc-60a mic for sale or trade

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-12-30 22:08:08 UTC
From: kb8yio
Topic: 5408 Message: 5413

Well its my radio..I was just looking to get a starting price. So I know where to begin.. would like to trade the whole setup for something else would like to try a different radio is all. Other wise I love my ts-850

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com] On Behalf Of Zack Widup
Sent: Saturday, December 30, 2006 1:02 PM
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] KEnwood ts-850sat ps-53 and mc-60a mic for sale or trade

I've seen them go for $650 to $1000 (just the 850). I paid $900 for just my 850, which was in mint condition. It had the ATU and DRU units installed.

I've been using my PS-50 with it, which doesn't match the 850 cosmetically but works FB. I bought it from AES for I think $150 to use with my 440 (now a standby rig).

Having Inrad filters in the 850 probably makes it more valuable. If there's any improvement I'd make to mine now, it would be to add those.

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On Sat, 30 Dec 2006, 'Doc' wrote:

> Ric,
> That's one of 'those' questions. Depending on how
> familiar you are with the '850, even a 'high' price
> might seem reasonable. The average (from both the
> highest and lowest figures I've seen lately) is
> something around $800 dollars. It's a very wide range
> of prices so give or take something around 40%, sort
> of. That 'average' includes both ends of the
> spectrum, junk to a literally new radio, and isn't
> gonna be of much help to you. I can tell you what I
> paid for an '850, but then you gotta figure in just
> how 'crazy' I qam to start with, you know? What was
> the asking price?
> Paul / 'Doc
>
>

[Non-text portions of this message have been removed]

5414. Re: KEnwood ts-850sat ps-53 and mc-60a mic for sale or trade

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-12-30 22:24:05 UTC
From: Ric
Topic: 5408 Message: 5414

I was thinking about sellin mine... I Love this rig... , But i did
not know where to start for an asking price....
Now i know. So I guess i will either put it on ebay.. For list it on
qth or somewhere ....
ANY OFFERS...
Would trade whole setup for Something different.. Would like to try
something different

--- In TS-850_450_690@yahoogroups.com, 'Doc' <ltdoc@...> wrote:
>
> Ric,
> That's one of 'those' questions. Depending on how
> familiar you are with the '850, even a 'high' price
> might seem reasonable. The average (from both the
> highest and lowest figures I've seen lately) is
> something around $800 dollars. It's a very wide range
> of prices so give or take something around 40%, sort
> of. That 'average' includes both ends of the
> spectrum, junk to a literally new radio, and isn't
> gonna be of much help to you. I can tell you what I
> paid for an '850, but then you gotta figure in just
> how 'crazy' I qam to start with, you know? What was
> the asking price?
> Paul / 'Doc
>

5415. HNY 2007

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-12-31 18:14:56 UTC
From: n.byl@hccnet.nl
Topic: 5415 Message: 5415

Hello friends, parents and others
We wish you all a very happy and healthy newyear for 2007

Hallo allemaal
Mede uit naam van Mireille wens ik jullie het allerbeste voor 2007

Bonjour tout nos amis et famille
Nous vous souhaitons une tr?s bonne ann?e pleine de chaleur et surtout en
bonne sant?

Mireille en Nico van der Bijl

5416. KEnwood ts-850sat ps-53 and mc-60a mic for sale or trade

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-12-31 18:21:28 UTC
From: Ric
Topic: 5408 Message: 5416

I have a Kenwood TS-850SAT has Autotuner built in.,in great condition say 8 of 10, a few small marks, Comes with Kenwood PS-53 Power supply in like condition as well, And Kenwood MC-60A Desk Mic. Looking to trade to try something Different,Rigs Of Interest Icom Ic-706mk2g, Ft-100d, Ft-857d,TS-570d,ETC. I will take trade offers for a few days, if no bites off to Ebay it will go, Cash offers will be Considered as well, PACKAGE DEAL, SSB FILTER IS INSTALLED
PayPal Accepted

5417. ts 450s problems

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2006-12-31 23:41:39 UTC
From: senat0r215i
Topic: 5417 Message: 5417

Hi
I just got myself a ts450s and when I first got it it worked fine.
After I handed the cash over I plugged her in and to my suprise the rf
gain was full 60db and I could not hear anything. I thought the rf gain
knob was faulty but after pulling it apart and unpluging and pluging it
back in it got better. The only thing I could do was play with vr1,vr10
to get it working. Once that was done I thought great, I can hear so I
started txing on 10 meters and after about a hour the rig dropped to 10watts and rx went
weak. ?? So after playing and pulling things apart and it would work then would do the same
thing. I checked my power plug and black and white were loose so I have put a new power
plug on and it seems fine.
I'm sure the old owner was a big morse person because this radio did not
come with a mic (only morse key)so that had me thinking and also my usb
and lsb there is not much difference ?

5418. Re: [TS-850_450_690] When were they built?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-01-01 19:23:47 UTC
From: n7ioh
Topic: 5409 Message: 5418

Hi all, I am a little surprised that no one has any comment or evidence ether way to help in determining when our radios were actually built. I was kind of hoping others might also have their original boxes and may also have shipping dates on them to help determine age. I remember in the earlier discussions about the serial number and radios age there were a few that did not seem to be too sure the formula was correct. I don't have my TS-690 with its boxes any more so I can't check them and my TS-850 did not come with the boxes. Is there anyone out there who can provide some more input into this?

Al, n7ioh

--- n7ioh <aslt368-ham@...> wrote:

> Hi all, I know we have discussed how to determine
> when
> a radio was built by the serial number. However, I
> am
> thinking that the formula of subtracting two from
> the
> first digit to determine the year might be wrong. I
> am a member of another Yahoo group for the Kenwood
> R-5000 receiver. We have been discussing this for a
> few days and the subtracting of two does not seem to
> be working too well. What a few of us have come up
> with is subtracting one from the first digit for the
> year seems to be more in line with what you would
> expect for a delay from manufacture date to being
> received in the retail stores.
>
> Here is what I have found out about my R-5000. The
> radio was made from 1987 to 1996 according to
> DXing.com. Here is their link,
> http://www.dxing.com/rx/r5000.htm My serial number
> is, 8040137 which would make it made in April of
> 1986
> if you subtract 2 from the first digit. I have the
> original boxes and on two sides of the large box it
> is
> dated 8-13-87 as the shipping date from Kenwood in
> Long Beach, CA to HRO in Burlingame, CA. I can't
> imagine Kenwood warehousing a radio for one year
> four

> months before shipping it to a dealer. Four months
> does seem more in line with what I would expect
> figuring shipping from Japan.
>
> I would be interested in hearing from others that
> may
> have some documentation that would shed more light
> on
> this subject.
>
> Al, n7ioh
>
> "Life is tough, it's tougher if you are stupid".
>
> To error is human, to forgive is against company
> policy.
>

"Life is tough, it's tougher if you are stupid".

To error is human, to forgive is against company policy.

5419. Re: When were they built?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-01-01 21:43:23 UTC
From: Clif
Topic: 5409 Message: 5419

What difference does it make?? A semi accurate indication is the date code on the IC's. It can't be earlier than that but is probably not too much later as they are believers in JIT.

Clif

--- In TS-850_450_690@yahoogroups.com, n7ioh <aslt368-ham@...> wrote:
>
> Hi all, I am a little surprised that no one has any
> comment or evidence ether way to help in determining
> when our radios were actually built. I was kind of
> hoping others might also have their original boxes and
> may also have shipping dates on them to help determine
> age. I remember in the earlier discussions about the
> serial number and radios age there were a few that did
> not seem to be too sure the formula was correct. I
> don't have my TS-690 with its boxes any more so I
> can't check them and my TS-850 did not come with the
> boxes. Is there anyone out there who can provide some
> more input into this?
>
> Al, n7ioh
>
>
>
> --- n7ioh <aslt368-ham@...> wrote:
>
> > Hi all, I know we have discussed how to determine
> > when
> > a radio was built by the serial number. However, I
> > am
> > thinking that the formula of subtracting two from
> > the
> > first digit to determine the year might be wrong. I
> > am a member of another Yahoo group for the Kenwood
> > R-5000 receiver. We have been discussing this for a
> > few days and the subtracting of two does not seem to
> > be working too well. What a few of us have come up
> > with is subtracting one from the first digit for the
> > year seems to be more in line with what you would
> > expect for a delay from manufacture date to being
> > received in the retail stores.
> >
> > Here is what I have found out about my R-5000. The
> > radio was made from 1987 to 1996 according to

> > DXing.com. Here is their link,
> > http://www.dxing.com/rx/r5000.htm My serial number
> > is, 8040137 which would make it made in April of
> > 1986
> > if you subtract 2 from the first digit. I have the
> > original boxes and on two sides of the large box it
> > is
> > dated 8-13-87 as the shipping date from Kenwood in
> > Long Beach, CA to HRO in Burlingame, CA. I can't
> > imagine Kenwood warehousing a radio for one year
> > four
> > months before shipping it to a dealer. Four months
> > does seem more in line with what I would expect
> > figuring shipping from Japan.
> >
> > I would be interested in hearing from others that
> > may
> > have some documentation that would shed more light
> > on
> > this subject.
> >
> > Al, n7ioh
> >
> > "Life is tough, it's tougher if you are stupid".
> >
> > To error is human, to forgive is against company
> > policy.
> >
>
> "Life is tough, it's tougher if you are stupid".
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> To error is human, to forgive is against company policy.
>

5420. Re: [TS-850_450_690] When were they built?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-01-02 00:28:36 UTC
From: Charles Mortimer
Topic: 5409 Message: 5420

serial numbers
ts 690....30800204 radio delivered to strictly ham pty ltd
bayswater Victoria Australia.....from Kenwood electronics date 17 7 98 seventeenth day seventh month 98
quantity of of 2 of 3 packages c/n: 003520 this unit is in western Australia now hope this is some helpyou should find all delivery dates on the double boxed original carton from Kenwood and serial no on the back of the radio
Charles vk6ycj
----- Original Message -----
From: n7ioh
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, January 02, 2007 4:23 AM
Subject: Re: [TS-850_450_690] When were they built?

Hi all, I am a little surprised that no one has any comment or evidence ether way to help in determining when our radios were actually built. I was kind of hoping others might also have their original boxes and may also have shipping dates on them to help determine age. I remember in the earlier discussions about the serial number and radios age there were a few that did not seem to be too sure the formula was correct. I don't have my TS-690 with its boxes any more so I can't check them and my TS-850 did not come with the boxes. Is there anyone out there who can provide some more input into this?

Al, n7ioh

--- n7ioh <aslt368-ham@...> wrote:

> Hi all, I know we have discussed how to determine
> when
> a radio was built by the serial number. However, I
> am
> thinking that the formula of subtracting two from
> the
> first digit to determine the year might be wrong. I
> am a member of another Yahoo group for the Kenwood
> R-5000 receiver. We have been discussing this for a
> few days and the subtracting of two does not seem to
> be working too well. What a few of us have come up
> with is subtracting one from the first digit for the
> year seems to be more in line with what you would
> expect for a delay from manufacture date to being
> received in the retail stores.

>
> Here is what I have found out about my R-5000. The
> radio was made from 1987 to 1996 according to
> DXing.com. Here is their link,
> http://www.dxing.com/rx/r5000.htm My serial number
> is, 8040137 which would make it made in April of
> 1986
> if you subtract 2 from the first digit. I have the
> original boxes and on two sides of the large box it
> is
> dated 8-13-87 as the shipping date from Kenwood in
> Long Beach, CA to HRO in Burlingame, CA. I can't
> imagine Kenwood warehousing a radio for one year
> four
> months before shipping it to a dealer. Four months
> does seem more in line with what I would expect
> figuring shipping from Japan.
>
> I would be interested in hearing from others that
> may
> have some documentation that would shed more light
> on
> this subject.
>
> Al, n7ioh
>
> "Life is tough, it's tougher if you are stupid".
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"Life is tough, it's tougher if you are stupid".

To error is human, to forgive is against company policy.

[Non-text portions of this message have been removed]

5421. Re: [TS-850_450_690] Re: When were they built?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-01-02 00:57:15 UTC
From: Charles Mortimer
Topic: 5409 Message: 5421

hallo cliff
it doesn't matter at all to some of us some people like to do research its like another form of hobby i myself do know the data on mine we all like to know when our radios had been released and with certain serial nos. we can pinpoint problems with certain serial nos. and if there was a data system in the archives that would be of help to the people who do not have this information i am just pleased that some one is taking the time to collect this information personally i couldn't be bothered to do that there again if something i wanted to know i would be the first into the group looking for that information
Charles vk6ycj
----- Original Message -----
From: Clif
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, January 02, 2007 6:43 AM
Subject: [TS-850_450_690] Re: When were they built?

What difference does it make?? A semi accurate indication is the date code on the IC's. It can't be earlier than that but is probably not too much later as they are believers in JIT.

Clif

--- In TS-850_450_690@yahoogroups.com, n7ioh <aslt368-ham@...> wrote:
>
> Hi all, I am a little surprised that no one has any
> comment or evidence ether way to help in determining
> when our radios were actually built. I was kind of
> hoping others might also have their original boxes and
> may also have shipping dates on them to help determine
> age. I remember in the earlier discussions about the
> serial number and radios age there were a few that did
> not seem to be too sure the formula was correct. I
> don't have my TS-690 with its boxes any more so I
> can't check them and my TS-850 did not come with the
> boxes. Is there anyone out there who can provide some
> more input into this?
>
> Al, n7ioh
>
>
>
> --- n7ioh <aslt368-ham@...> wrote:
>
> > Hi all, I know we have discussed how to determine
> > when
> > a radio was built by the serial number. However, I
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> > thinking that the formula of subtracting two from
> > the
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> > few days and the subtracting of two does not seem to
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> > year seems to be more in line with what you would
> > expect for a delay from manufacture date to being
> > received in the retail stores.
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> > DXing.com. Here is their link,
> > http://www.dxing.com/rx/r5000.htm My serial number
> > is, 8040137 which would make it made in April of
> > 1986
> > if you subtract 2 from the first digit. I have the
> > original boxes and on two sides of the large box it
> > is
> > dated 8-13-87 as the shipping date from Kenwood in
> > Long Beach, CA to HRO in Burlingame, CA. I can't
> > imagine Kenwood warehousing a radio for one year
> > four
> > months before shipping it to a dealer. Four months
> > does seem more in line with what I would expect
> > figuring shipping from Japan.
> >
> > I would be interested in hearing from others that
> > may
> > have some documentation that would shed more light
> > on
> > this subject.
> >
> > Al, n7ioh
> >
> > "Life is tough, it's tougher if you are stupid".
> >
> > To error is human, to forgive is against company
> > policy.
> >
>
> "Life is tough, it's tougher if you are stupid".
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> To error is human, to forgive is against company policy.
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[Non-text portions of this message have been removed]

5422. Date of Manufacture

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-01-01 21:15:42 UTC
From: Ronald Starr
Topic: 4894 Message: 5422

I'll add a bit of information to this interesting question. I purchased my TS-850SAT from the original owner in November this year complete with the original shipping cartons. The S/N is 60200177 with the original Kenwood carton identified with the correct S/N clearly stamped with the logo "Kenwood Shipping 05/09/95." Additional logos indicate it was purchased new from HRO in Portland, Ore. tho I do not have the original sales receipts to clearly establish date of sale.

A TS-940SAT was purchased new from Texas Towers at Hamcomm 1985 on 06/01/85 with a S/N of 5110558. I recall mention from the salesperson that this was a very popular item and difficult to keep in stock but additional stock had been ordered in anticipation of a good turnout at Hamcomm. I had attempted earlier puchase via mail order from two different vendors but was told the 940 was currently out of stock so chose to pay Texas sales tax to get one at the show. The original shipping cartons are at another location so I cannot check for addtional data at this time.

Certainly, Kenwood should be the final authority on this if they will just share the information.

A very Happy New Year to one and all! Ron K0OXB

5424. TS-850s AGC distortion

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-01-02 17:57:36 UTC
From: marcogoni
Topic: 5424 Message: 5424

Hi all,
I have an excellent TS850 that works perfectly except that sometimes it produces distortion on SSB audio at signal peaks. This is especially apparent when FAST and MID AGC positions are used. The problem disappears setting the RFGAIN low enough.
As far as I understand, the problem is due to slow AGC attack time and changing the R/C time constant solves the problem.

I found this problem to be common with the 930 and the 440 but I cannot find the mod for the 850.

I wonder if any of you has observed (and solved) this problem...

Thanks a lot!
marco
IS0KYB

5426. Re: TS-850s AGC distortion

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-01-03 03:41:11 UTC
From: ve3tmt
Topic: 5424 Message: 5426

--- In TS-850_450_690@yahoogroups.com, "marcogoni" <is0kyb@...> wrote:
>
> Hi all,
> I have an excellent TS850 that works perfectly except that sometimes
> it produces distortion on SSB audio at signal peaks. This is
> especially apparent when FAST and MID AGC positions are used. The
> problem disappears setting the RFGAIN low enough.
> As far as I understand, the problem is due to slow AGC attack time and
> changing the R/C time constant solves the problem.
>
> I found this problem to be common with the 930 and the 440 but I
> cannot find the mod for the 850.
>
> I wonder if any of you has observed (and solved) this problem...
>
> Thanks a lot!
> marco
> IS0KYB
>

Marco,

Does it do this with the noise blanker "off"?

Max
VE3tmt

5427. Re: TS-850s AGC distortion

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-01-03 09:16:34 UTC
From: marcogoni
Topic: 5424 Message: 5427

--- In TS-850_450_690@yahoogroups.com, "ve3tmt" <ve3tmt@...> wrote:
>
> --- In TS-850_450_690@yahoogroups.com, "marcogoni" <is0kyb@> wrote:
> >
> > Hi all,
> > I have an excellent TS850 that works perfectly except that sometimes
> > it produces distortion on SSB audio at signal peaks. This is
> > especially apparent when FAST and MID AGC positions are used. The
> > problem disappears setting the RFGAIN low enough.
> > As far as I understand, the problem is due to slow AGC attack time and
> > changing the R/C time constant solves the problem.
> >
> > I found this problem to be common with the 930 and the 440 but I
> > cannot find the mod for the 850.
> >
> > I wonder if any of you has observed (and solved) this problem...
> >
> > Thanks a lot!
> > marco
> > IS0KYB
> >
>
> Marco,
>
> Does it do this with the noise blanker "off"?
>
> Max
> VE3tmt
>

Yes Max,
it does it without engaging the NB.
The kind of distortion you get from the NB is very similar though.
The problem vanishes if I reduce the injection signal in the RF board
through VR17. But this is only true if the signal does not go over S9.

I remember that in the original QST review they observed a similar
problem.

ciao,
IS0KYB

5428. Re: TS-850s AGC distortion

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-01-03 21:48:02 UTC
From: Clif
Topic: 5424 Message: 5428

Kenwood ASB-1049 addresses a click noise with over S-9 signals when
the Notch is on. It shows the parts to change to slow down the AGC to
correct this. Might be worth looking at. At least it show the AGC
timing parts...

Clif

--- In TS-850_450_690@yahoogroups.com, "marcogoni" <is0kyb@...> wrote:
>
> --- In TS-850_450_690@yahoogroups.com, "ve3tmt" <ve3tmt@> wrote:
> >
> > --- In TS-850_450_690@yahoogroups.com, "marcogoni" <is0kyb@> wrote:
> > >
> > > Hi all,
> > > I have an excellent TS850 that works perfectly except that sometimes
> > > it produces distortion on SSB audio at signal peaks. This is
> > > especially apparent when FAST and MID AGC positions are used. The
> > > problem disappears setting the RFGAIN low enough.
> > > As far as I understand, the problem is due to slow AGC attack
time and
> > > changing the R/C time constant solves the problem.
> > >
> > > I found this problem to be common with the 930 and the 440 but I
> > > cannot find the mod for the 850.
> > >
> > > I wonder if any of you has observed (and solved) this problem...
> > >
> > > Thanks a lot!
> > > marco
> > > IS0KYB
> > >
> >
> > Marco,
> >
> > Does it do this with the noise blanker "off"?
> >
> > Max
> > VE3tmt
> >
>
> Yes Max,
> it does it without engaging the NB.
> The kind of distortion you get from the NB is very similar though.
> The problem vanishes if I reduce the injection signal in the RF board
> through VR17. But this is only true if the signal does not go over S9.

>
> I remember that in the original QST review they observed a similar
> problem.
>
> ciao,
> IS0KYB
>

5429. Re: [TS-850_450_690] Re: TS-850s AGC distortion

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-01-04 08:55:58 UTC
From: Ole
Topic: 5424 Message: 5429

Clif skrev:
> Kenwood ASB-1049 addresses a click noise with over S-9 signals when
> the Notch is on. It shows the parts to change to slow down the AGC to
> correct this. Might be worth looking at. At least it show the AGC
> timing parts...
>
> Clif
>
>
> --- In TS-850_450_690@yahoogroups.com, "marcogoni" <is0kyb@...> wrote:
>
>> --- In TS-850_450_690@yahoogroups.com, "ve3tmt" <ve3tmt@> wrote:
>>
>>> --- In TS-850_450_690@yahoogroups.com, "marcogoni" <is0kyb@> wrote:
>>>
>>>> Hi all,
>>>> I have an excellent TS850 that works perfectly except that sometimes
>>>> it produces distortion on SSB audio at signal peaks. This is
>>>> especially apparent when FAST and MID AGC positions are used. The
>>>> problem disappears setting the RFGAIN low enough.
>>>> As far as I understand, the problem is due to slow AGC attack
>>>>
> time and
>
>>>> changing the R/C time constant solves the problem.
>>>>
>>>> I found this problem to be common with the 930 and the 440 but I
>>>> cannot find the mod for the 850.
>>>>
>>>> I wonder if any of you has observed (and solved) this problem...
>>>>
>>>> Thanks a lot!
>>>> marco
>>>> IS0KYB
>>>>
>>>>
>>> Marco,
>>>
>>> Does it do this with the noise blanker "off"?
>>>
>>> Max
>>> VE3tmt
>>>
>>>
>> Yes Max,

>> it does it without engaging the NB.
>> The kind of distortion you get from the NB is very similar though.
>> The problem vanishes if I reduce the injection signal in the RF board
>> through VR17. But this is only true if the signal does not go over S9.
>>
>> I remember that in the original QST review they observed a similar
>> problem.
>>
>> ciao,
>> IS0KYB
>>
>>
>
>

I'm oz2ql and I own a TS850.
Could you please tell me where to find the ASB-1049!
Tnx in advance and a happy NewYear to all.

--
med venlig hilsen/regards

Ole Lundsgaard
(oz2ql)

5430. Re: TS-850s AGC distortion

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-01-04 10:55:59 UTC
From: stewart_bakeruk
Topic: 5424 Message: 5430

Hi Marco,

I have a TS850S and I have noticed the same problem on mine. I would
be very interested if someone can come up with a solution.

73
Stewart G3RXQ

--- In TS-850_450_690@yahoogroups.com, "marcogoni" <is0kyb@...> wrote:
>
> Hi all,
> I have an excellent TS850 that works perfectly except that sometimes
> it produces distortion on SSB audio at signal peaks. This is
> especially apparent when FAST and MID AGC positions are used. The
> problem disappears setting the RFGAIN low enough.
> As far as I understand, the problem is due to slow AGC attack time and
> changing the R/C time constant solves the problem.
>
> I found this problem to be common with the 930 and the 440 but I
> cannot find the mod for the 850.
>
> I wonder if any of you has observed (and solved) this problem...
>
> Thanks a lot!
> marco
> IS0KYB
>

5431. Re: TS-850s AGC distortion

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-01-04 16:38:59 UTC
From: Clif
Topic: 5424 Message: 5431

I posted it to the files section ASB-1049

Clif

--- In TS-850_450_690@yahoogroups.com, Ole <olu@...> wrote:
>
> Clif skrev:
> > Kenwood ASB-1049 addresses a click noise with over S-9 signals when
> > the Notch is on. It shows the parts to change to slow down the AGC to
> > correct this. Might be worth looking at. At least it show the AGC
> > timing parts...
> >
> > Clif
> >
> >
> > --- In TS-850_450_690@yahoogroups.com, "marcogoni" <is0kyb@> wrote:
> >
> >> --- In TS-850_450_690@yahoogroups.com, "ve3tmt" <ve3tmt@> wrote:
> >>
> >>> --- In TS-850_450_690@yahoogroups.com, "marcogoni" <is0kyb@> wrote:
> >>>
> >>>> Hi all,
> >>>> I have an excellent TS850 that works perfectly except that
sometimes
> >>>> it produces distortion on SSB audio at signal peaks. This is
> >>>> especially apparent when FAST and MID AGC positions are used. The
> >>>> problem disappears setting the RFGAIN low enough.
> >>>> As far as I understand, the problem is due to slow AGC attack
> >>>>
> > time and
> >
> >>>> changing the R/C time constant solves the problem.
> >>>>
> >>>> I found this problem to be common with the 930 and the 440 but I
> >>>> cannot find the mod for the 850.
> >>>>
> >>>> I wonder if any of you has observed (and solved) this problem...
> >>>>
> >>>> Thanks a lot!
> >>>> marco
> >>>> IS0KYB
> >>>>
> >>>>
> >>> Marco,
> >>>

> >>> Does it do this with the noise blanker "off"?
> >>>
> >>> Max
> >>> VE3tmt
> >>>
> >>>
> >> Yes Max,
> >> it does it without engaging the NB.
> >> The kind of distortion you get from the NB is very similar though.
> >> The problem vanishes if I reduce the injection signal in the RF board
> >> through VR17. But this is only true if the signal does not go
over S9.
> >>
> >> I remember that in the original QST review they observed a similar
> >> problem.
> >>
> >> ciao,
> >> IS0KYB
> >>
> >>
> >
> >
>
> I'm oz2ql and I own a TS850.
> Could you please tell me where to find the ASB-1049!
> Tnx in advance and a happy NewYear to all.
>
> --
> med venlig hilsen/regards
>
> Ole Lundsgaard
> (oz2ql)
>

5432. RE: [TS-850_450_690] ts 450s problems

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-01-05 07:36:44 UTC
From: JamesMNelson
Topic: 5417 Message: 5432

Take a look at the jumper that runs from the filter board to the chassis mounted SO-238. What I have found on BOTH of my 690's is that after moving them around over the years that SOLID wire jumper develops a cold solder joint. Both of mine have been on the filter board end. I took my filter boards out and replaced the jumper with a stranded wire jumper. If you replace the jumper with a stranded one, be careful not to get to much solder on the wire as it will flow up the strands and then you might as well be back with a solid piece of wire. I have also seen this on a few 450's that I have fixed for friends. One why that you can tell is to wiggle the connector while receiving or watch the SWR while transmitting. I just would not transmit long. Most of the time it shows up when you pull back (out) on the connecter or push in.

Hope this helps.

james\\

James M. Nelson

KE4GWW

ke4gww@...

-----Original Message-----
From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of senat0r215i
Sent: Sunday, December 31, 2006 5:42 PM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] ts 450s problems

Hi
I just got myself a ts450s and when I first got it it worked fine.
After I handed the cash over I plugged her in and to my suprise the rf gain was full 60db and I could not hear anything. I thought the rf gain knob was faulty but after pulling it apart and unpluging and pluging it back in it got better. The only thing I could do was play with vr1,vr10 to get it working. Once that was done I thought great, I can hear so I started txing on 10 meters and after about a hour the rig dropped to 10watts and rx went weak. ?? So after playing and pulling things apart and it would work then would do the same thing. I checked my power plug and black and white were loose so I have put a new power plug on and it seems fine.
I'm sure the old owner was a big morse person because this radio did not come with a mic (only morse key)so that had me thinking and also my usb and lsb there is not much difference ?

[Non-text portions of this message have been removed]

5433. Info Needed

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-01-07 20:52:55 UTC
From: Roy
Topic: 5433 Message: 5433

I have a friend going to stay in Chesterfield, about 25 miles West of St Loius, can anyone give me an address / 'phone number for any ham stores in that area.

He also spends a bit of time in New York City nut tells me he cant find any stores there!

Any help would be appreciated.

many thanks

Roy

G0WNQ

Liverpool

5434. Spare parts "drawer" for TS-850S

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-01-08 04:09:12 UTC
From: nz7c
Topic: 5434 Message: 5434

I recently acquired a TS-850S with a later serial number and the 66312 DDS chips. It is the first TS-850 I have owned and I am very, very pleased with it. I also acquired a spare CAR board, knowing that the parts suppliers I am aware of (Kenwood East, Pacific, and Partstore) no longer carry them. My question is this - other than the CAR board and assuming casual cw use - what other spare parts, if any, might it be advisable to pick up to keep these wonderful rigs going? Are there any other "vulnerable" areas of the radio (excluding the battery change out)? Thanks in advance and may all have a safe and healthy year 2007. 73/Tim NZ7C

5435. Re: Info Needed

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-01-08 05:25:38 UTC
From: Ron
Topic: 5433 Message: 5435

As far as I know there are no dealers in St Louis although there are couple of electronic supply houses. I am about equal distance from St Louis and Kansas City, but go to Associated Radio in Kansas City Area for gear as they are only one listed in my area. As far a New York City, Kenwood and Icom show one dealer -
Barry Electronics
99 Second Avenue
Between 5th & 6th
New York, NY 10003
Phone: (212) 420-0500

Hope this helps.

Cheers and 73

Ron - AG1P
Forsyth, MO

--- In TS-850_450_690@yahoogroups.com, "Roy" <g0wnq@...> wrote:
>
> I have a friend going to stay in Chesterfield, about 25 miles West
of
> St Loius, can anyone give me an address / 'phone number for any
ham
> stores in that area.
>
> He also spends a bit of time in New York City nut tells me he cant
find
> any stores there!
>
> Any help would be appreciated.
>
> many thanks
>
> Roy
>
> G0WNQ
>
> Liverpool
>

5436. USB for Kenwood TS-850S

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-01-08 14:41:07 UTC
From: Ping Hansen
Topic: 5436 Message: 5436

Hi,

Has anyone seen an USB-interface for the TS-850S? I'd prefer to to
skip RS-232 entirely.

73 de
OZ4PH

5437. Re: [TS-850_450_690] USB for Kenwood TS-850S

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-01-08 15:32:13 UTC
From: Tom LeClerc W1TJL
Topic: 5436 Message: 5437

The microHam unit is excellent. USB to rig and includes PTT and CW Keying -
all in one USB port.

http://www.microHam.com

73, Tom W1TJL

On 1/8/07, Ping Hansen <oz4ph@...> wrote:
>
> Hi,
>
> Has anyone seen an USB-interface for the TS-850S? I'd prefer to to
> skip RS-232 entirely.
>
> 73 de
> OZ4PH
>
>
>

--
Tom LeClerc, Amateur Radio Station W1TJL
(past calls WB1CBY, /VE8,XL8,VO1)

LeClerc Consulting
email: w1tjl@...
PC/Network Consulting

[Non-text portions of this message have been removed]

5438. Re: [TS-850_450_690] USB for Kenwood TS-850S

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-01-08 15:27:27 UTC
From: Roland AH6RR
Topic: 5436 Message: 5438

Try the Signalink USB by Tigertronics. I have the Signalink SL-1+ it uses neither USB or RS-232 and Works Great.

Roland AH6RR
----- Original Message -----
From: Ping Hansen
To: TS-850_450_690@yahoogroups.com
Sent: Monday, January 08, 2007 4:41 AM
Subject: [TS-850_450_690] USB for Kenwood TS-850S

Hi,

Has anyone seen an USB-interface for the TS-850S? I'd prefer to to
skip RS-232 entirely.

73 de
OZ4PH

[Non-text portions of this message have been removed]

5439. Re: [TS-850_450_690] Re: Info Needed

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-01-08 16:24:27 UTC
From: Zack Widup
Topic: 5433 Message: 5439

Gateway Electronics in St. Louis has some ham equipment and TONS of parts!
I always go there with a full wallet and leave with an empty one. :-)

Here is their webpage:

http://www.gatewayelex.com/

Their store used to be very easy to get to, on Page Ave., but they moved
to a more hidden place. Click on the map link on the webpage to see the
location.

73, Zack W9SZ

On Mon, 8 Jan 2007, Ron wrote:

> As far as I know there are no dealers in St Louis although there are
> couple of electronic supply houses. I am about equal distance from
> St Louis and Kansas City, but go to Associated Radio in Kansas City
> Area for gear as they are only one listed in my area. As far a New
> York City, Kenwood and Icom show one dealer -
> Barry Electronics
> 99 Second Avenue
> Between 5th & 6th
> New York, NY 10003
> Phone: (212) 420-0500
>
> Hope this helps.
>
> Cheers and 73
>
> Ron - AG1P
> Forsyth, MO
>
>
> --- In TS-850_450_690@yahoogroups.com, "Roy" <g0wnq@...> wrote:
> >
> > I have a friend going to stay in Chesterfield, about 25 miles West
> of
> > St Loius, can anyone give me an address / 'phone number for any
> ham
> > stores in that area.
> >
> > He also spends a bit of time in New York City nut tells me he cant
> find
> > any stores there!
> >

> > Any help would be appreciated.
> >
> > many thanks
> >
> > Roy
> >
> > G0WNQ
> >
> > Liverpool
> >
>
>
>

5440. Re: [TS-850_450_690] USB for Kenwood TS-850S

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-01-08 20:11:36 UTC
From: ve3wej gmail
Topic: 5436 Message: 5440

i beleive the england made ones are usb....are you talking radio control??? or sound interface

----- Original Message -----
From: Ping Hansen
To: TS-850_450_690@yahoogroups.com
Sent: Monday, January 08, 2007 9:41 AM
Subject: [TS-850_450_690] USB for Kenwood TS-850S

Hi,

Has anyone seen an USB-interface for the TS-850S? I'd prefer to to
skip RS-232 entirely.

73 de
OZ4PH

[Non-text portions of this message have been removed]

5441. RE: [TS-850_450_690] USB for Kenwood TS-850S

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-01-08 20:37:10 UTC
From: Mark Saunders, KJ7BS
Topic: 5436 Message: 5441

I'll second that on the MicroHam unit. I've been using mine for 2 years with my laptop. It works fine with Ham Radio Deluxe, WriteLog, CT, HamScope, and MixW32.

Mark, KJ7BS

Glendale, AZ

Elecraft K2 S/N 0539

Fists # 2972 CC 1806

SKCC # 2240

QRP-ARCI # 12647

AZ ScQRPions

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com] On Behalf Of Tom LeClerc W1TJL
Sent: Monday, January 08, 2007 8:32 AM
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] USB for Kenwood TS-850S

The microHam unit is excellent. USB to rig and includes PTT and CW Keying - all in one USB port.

http://www.microHam <http://www.microHam.com> .com

73, Tom W1TJL

On 1/8/07, Ping Hansen <oz4ph@... <mailto:oz4ph%40qrz.dk> > wrote:
>
> Hi,
>
> Has anyone seen an USB-interface for the TS-850S? I'd prefer to to
> skip RS-232 entirely.
>
> 73 de
> OZ4PH
>
>
>

--
Tom LeClerc, Amateur Radio Station W1TJL

(past calls WB1CBY, /VE8,XL8,VO1)

LeClerc Consulting
email: w1tjl@... <mailto:w1tjl%40arrl.net>
PC/Network Consulting

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

5442. Re: [TS-850_450_690] USB for Kenwood TS-850S

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-01-09 02:31:42 UTC
From: Tom Osborne
Topic: 5436 Message: 5442

Subject: Re: [TS-850_450_690] USB for Kenwood TS-850S

>i beleive the england made ones are usb....are you talking radio control???
>or sound interface

I bought some of those from G4ZLP for my TS-450SAT and they work fine. Mine
are all serial port interfaces and they are good for radio control. 73
Tom W7WHY

5443. Re: [TS-850_450_690] USB for Kenwood TS-850S

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-01-09 06:00:14 UTC
From: oz4ph@qrz.dk
Topic: 5436 Message: 5443

Control.

I did take a look at the other interesting stuff mentioned, but I really want is to be able to control/query the rig from my log program (VQLog).

I will most likely build a level shifter and use an USB <> serial converter, but skipping the level shifter entirely, would be nice - from an aestetic point of view ;o)

73 de
OZ4PH

5444. TS-450S Dead Receiver

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-01-09 06:31:49 UTC
From: nan_9v1ac
Topic: 5444 Message: 5444

I have picked up a Kenwood TS-450S with built in ATU from a friend of mine who has not been using the rig for a while. The TX is okay and I have confirmed with a few on air tests on the 20 meter band. The Rx is dead. I can just hear noise. Appreciate some advice as to where I can start looking for possible problems.
73's-Nan-9V1AC

5445. Re: [TS-850_450_690] TS-450S Dead Receiver

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-01-09 14:25:08 UTC
From: 'Doc'
Topic: 5444 Message: 5445

Nan,
Start at the antenna connector and check continuity
with 'center pin'. You will probably find the
'problem' within 2 inches of the connector. (Sounds
like a 'smart' answer, but there is a reason. If my
memory wasn't so bad, and I still had the schematic,
I'd tell you the name of the part, sorry.)
'Doc

5446. Re: TS-450S Dead Receiver

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-01-09 21:55:35 UTC
From: ve3tmt
Topic: 5444 Message: 5446

--- In TS-850_450_690@yahoogroups.com, 'Doc' <ltdoc@...> wrote:
>
>
> Nan,
> Start at the antenna connector and check continuity
> with 'center pin'. You will probably find the
> 'problem' within 2 inches of the connector. (Sounds
> like a 'smart' answer, but there is a reason. If my
> memory wasn't so bad, and I still had the schematic,
> I'd tell you the name of the part, sorry.)
> 'Doc
>

If the center pin was bad I would think the TX would be shaky too.
First thing I would check is the TX/RX relay. Tap it while listen to
the radio. See if the receive cuts in and out.

Max
VE3TMT

5447. Re: USB for Kenwood TS-850S

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-01-09 22:04:59 UTC
From: Arne
Topic: 5436 Message: 5447

--- In TS-850_450_690@yahoogroups.com, "Ping Hansen" <oz4ph@...> wrote:
>
> Hi,
>
> Has anyone seen an USB-interface for the TS-850S? I'd prefer to to
> skip RS-232 entirely.
>
> 73 de
> OZ4PH

Hej havde ikke set det var en dansker der spurgte.

Kig f. eks. på WIMO.DE de har forskellige løsninger men ellers har
T.Hansen en USb / RS232 konverter til ca. 125 DKK den har jeg brugt
uden problemer på min TS870S.
Der er en lille CD med til at kreere forskellige COM porte med husk at
den skal være min COM 5 da de interne altid er reseveret (hardware)
til og med COM 4

Hvis du har andre spørgsmål mail via OZ4VW add QRZ.dk

Hilsen Arne OZ4VW
>

5448. Re: [TS-850_450_690] Re: TS-450S Dead Receiver

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-01-09 22:47:36 UTC
From: 'Doc'
Topic: 5444 Message: 5448

Sorry, didn't mean that the SO-239 connector, or
center pin was defective. Forget I said anything,
can't remember the circuit/circuit board well enough/
- 'Doc

5449. Re: [TS-850_450_690] TS-450S Dead Receiver

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-01-09 22:47:18 UTC
From: Tom Osborne
Topic: 5444 Message: 5449

Hi Nan.

First place to look is to see if the squelch is turned on. I had the same problem until someone told me about the squelch. 73
Tom W7WHY

>I have picked up a Kenwood TS-450S with built in ATU from a friend of
> mine who has not been using the rig for a while. The TX is okay and I
> have confirmed with a few on air tests on the 20 meter band. The Rx is
> dead. I can just hear noise. Appreciate some advice as to where I can
> start looking for possible problems.
> 73's-Nan-9V1AC

5450. Re: [TS-850_450_690] Re: TS-450S Dead Receiver

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-01-09 23:01:43 UTC
From: Tom Osborne
Topic: 5444 Message: 5450

Hi Doc
Just went through that with my number 2 TS-450SAT. Receive wasn't dead, but signals were about 20DB down from number 1 '450. I sent it to a friend of mine to check, and when he got it there, it was working fine. I think UPS must have fixed it when they slammed it against the wall or something :-) Anyway, when I got it back, it was working fine.

On radio 1 I had that problem once and I took the board out that is connected to the center pin of the coax connector and re-soldered it and the ground lead on the jack. Seemed to help. Sometimes the RF will get through the jack where the RX signals won't. 73
Tom W7WHY

> Sorry, didn't mean that the SO-239 connector, or
> center pin was defective. Forget I said anything,
> can't remember the circuit/circuit board well enough/
> - 'Doc

5451. Re: TS-450S Dead Receiver

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-01-09 23:33:22 UTC
From: senat0r215i
Topic: 5444 Message: 5451

Hi Mate
had the same problem with my ts450s just
take it to a local doctor
my 450s is working like a dream was just a cap on one of the boards
was bad cheers jason vk2jas

--- In TS-850_450_690@yahoogroups.com, "Tom Osborne" <w7why@...>
wrote:
>
> Hi Nan.
>
> First place to look is to see if the squelch is turned on. I had
the same
> problem until someone told me about the squelch. 73
> Tom W7WHY
>
>
>
> >I have picked up a Kenwood TS-450S with built in ATU from a friend
of
> > mine who has not been using the rig for a while. The TX is okay
and I
> > have confirmed with a few on air tests on the 20 meter band. The
Rx is
> > dead. I can just hear noise. Appreciate some advice as to where I
can
> > start looking for possible problems.
> > 73's-Nan-9V1AC
>

5452. Re: TS-450S Dead Receiver

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-01-10 14:11:21 UTC
From: nan_9v1ac
Topic: 5444 Message: 5452

Thank you all for your valuable posts. I tried the crude way of signal tracing using my multimeter probe to touch at each stage and I could hear an amplified hiss noise until the input of first mixer - L51 - which is a variable inductor. (on RF board) I could not find any point from this stage towards the antenna input that amplifed the noise level when touched with my probe. I also powered up my MFJ antena analyzer to output a signal at 14.200 MHz. The rig could pick up this signal if the antenna analyser was brought close to the rig. (near antena jack) I am guessing some stage is not amplifying sufficiently. Any tips to troubleshoot further or would this be something too hard without a signal generator & spectrum analyzer? I have confirmed input relay to be okay.

73's-Nan-9V1AC

--- In TS-850_450_690@yahoogroups.com, "senat0r215i" <rg250@...> wrote:
>
> Hi Mate
> had the same problem with my ts450s just
> take it to a local doctor
> my 450s is working like a dream was just a cap on one of the boards
> was bad cheers jason vk2jas
>
>
> --- In TS-850_450_690@yahoogroups.com, "Tom Osborne" <w7why@>
> wrote:
> >
> > Hi Nan.
> >
> > First place to look is to see if the squelch is turned on. I had
> the same
> > problem until someone told me about the squelch. 73
> > Tom W7WHY
> >
> >
> >
> > >I have picked up a Kenwood TS-450S with built in ATU from a
friend
> of
> > > mine who has not been using the rig for a while. The TX is okay
> and I
> > > have confirmed with a few on air tests on the 20 meter band.
The
> Rx is

> > > dead. I can just hear noise. Appreciate some advice as to where
I
> can
> > > start looking for possible problems.
> > > 73's-Nan-9V1AC
> >
>

5453. about YK-455C-1

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-01-10 21:35:41 UTC
From: RADIO reflectors
Topic: 5453 Message: 5453

Hello, TS-850.

Hello dear friends!
Can anybody knows about this filter - YK-455C-1?
For what Kenwood equipment can be used this one...
Thanks for the cooperation .... 73!

Best regards,
Vlad Sidorov, RV1CC
http://www.qsl.net/rv1cc
ICQ#302854613

5454. Re: [TS-850_450_690] about YK-455C-1

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-01-10 23:26:34 UTC
From: Toesonnose@hawaii.rr.com
Topic: 5453 Message: 5454

This filter is for the TS-850S,Ts940S and TS-950 radios. Maybe the 450
also

----- Original Message -----
From: RADIO reflectors <hamradio-spb@...>
Date: Wednesday, January 10, 2007 12:08 pm
Subject: [TS-850_450_690] about YK-455C-1
To: TS-850_450_690@yahoogroups.com

> Hello, TS-850.
>
> Hello dear friends!
> Can anybody knows about this filter - YK-455C-1?
> For what Kenwood equipment can be used this one...
> Thanks for the cooperation .... 73!
>
> -------------------------
> Best regards,
> Vlad Sidorov, RV1CC
> http://www.qsl.net/rv1cc
> ICQ#302854613
>
>

5455. Re: about YK-455C-1

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-01-11 18:34:25 UTC
From: Clif
Topic: 5453 Message: 5455

TS140, TS450/690, TS850, TS930, TS940, TS950

--- In TS-850_450_690@yahoogroups.com, RADIO reflectors
<hamradio-spb@...> wrote:
>
> Hello, TS-850.
>
> Hello dear friends!
> Can anybody knows about this filter - YK-455C-1?
> For what Kenwood equipment can be used this one...
> Thanks for the cooperation .... 73!
>
> -------------------------
> Best regards,
> Vlad Sidorov, RV1CC
> http://www.qsl.net/rv1cc
> ICQ#302854613
>

5456. Re: [TS-850_450_690] Re: about YK-455C-1

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-01-11 19:24:19 UTC
From: RADIO reflectors
Topic: 5453 Message: 5456

Thanks dear friends for the information... !!!

> TS140, TS450/690, TS850, TS930, TS940, TS950

... I have already checked MANUALS for TS450/690, TS850 and TS940...
but nowhere did find information about YK-455C-1 ... YG-455C-1 only
... What is difference between YK and YG in this case... Can anybody
helps?

>> Can anybody knows about this filter - YK-455C-1?
>> For what Kenwood equipment can be used this one...
>> Thanks for the cooperation .... 73!
>>
>> -------------------------
>> Best regards,
>> Vlad Sidorov, RV1CC
>> http://www.qsl.net/rv1cc
>> ICQ#302854613

Best regards,
Vlad Sidorov, RV1CC
http://www.qsl.net/rv1cc
ICQ#302854613

5457. Re: [TS-850_450_690] Re: about YK-455C-1

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-01-11 20:06:36 UTC
From: ve3wej gmail
Topic: 5453 Message: 5457

ts140 is NOT a plug in filter.....I think the -1 filters are all plug in style

----- Original Message -----
From: Clif
To: TS-850_450_690@yahoogroups.com
Sent: Thursday, January 11, 2007 1:34 PM
Subject: [TS-850_450_690] Re: about YK-455C-1

TS140, TS450/690, TS850, TS930, TS940, TS950

--- In TS-850_450_690@yahoogroups.com, RADIO reflectors
<hamradio-spb@...> wrote:
>
> Hello, TS-850.
>
> Hello dear friends!
> Can anybody knows about this filter - YK-455C-1?
> For what Kenwood equipment can be used this one...
> Thanks for the cooperation .... 73!
>
> -------------------------
> Best regards,
> Vlad Sidorov, RV1CC
> http://www.qsl.net/rv1cc
> ICQ#302854613
>

[Non-text portions of this message have been removed]

5458. TS-450S/AT For Sale

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-01-12 01:51:04 UTC
From: crownhaven
Topic: 5458 Message: 5458

Anyone interested in a very nice TS-450S/AT, SN 30701105, with YK-88C-1 (500 Hz), YK-88SN-1 (1.8 SSB), TG-455CN-1 (250 Hz), box, microphone, manual. $700.00 plus shipping. I have numerous other filters if you don't like what is in the radio right now.

If you subscribe to this list, you know most of what there is to know about this radio. I really enjoy it. It is a great CW box in my opinion. I use it along with my 850 and 870. It would work as my primary radio if necessary.

There isn't a mark, scratch or blemish on the entire rig that I can see. If you are seriously interested, I can probably get a picture for you. I am a non-smoker. I take care of my gear.

Regards,

Steve, N4JQQ

5460. Re: about YK-455C-1

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-01-12 05:13:58 UTC
From: Clif
Topic: 5453 Message: 5460

The TS140/680 has only one filter slot and it's a plug-in in the 455
IF. I don't know what 140's you are thinking of, maybe 120/130/series?
They are solder-in.

Clif

--- In TS-850_450_690@yahoogroups.com, "ve3wej gmail" <ve3wej@...> wrote:
>
> ts140 is NOT a plug in filter.....I think the -1 filters are all
plug in style
>
> ----- Original Message -----
> From: Clif
> To: TS-850_450_690@yahoogroups.com
> Sent: Thursday, January 11, 2007 1:34 PM
> Subject: [TS-850_450_690] Re: about YK-455C-1
>
>
> TS140, TS450/690, TS850, TS930, TS940, TS950
>
> --- In TS-850_450_690@yahoogroups.com, RADIO reflectors
> <hamradio-spb@> wrote:
> >
> > Hello, TS-850.
> >
> > Hello dear friends!
> > Can anybody knows about this filter - YK-455C-1?
> > For what Kenwood equipment can be used this one...
> > Thanks for the cooperation .... 73!
> >
> > ------------------------
> > Best regards,
> > Vlad Sidorov, RV1CC
> > http://www.qsl.net/rv1cc
> > ICQ#302854613
> >
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

5461. Re: TS-450S Dead Receiver

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-01-13 01:56:11 UTC
From: nan_9v1ac
Topic: 5444 Message: 5461

Need some expert guidance please. I suspect RF board Mixer-1 to be the problem stage. Following are the voltages on the FET's, Q14,Q15,Q16 & Q17. The gate voltages are supposed to be "0V" but I read about 0.6v on the gates of Q15 & Q16. Measurements taken with rig on Rx mode, 14.200 & USB using Fluke77 DMM. Filter board disconnected.

Q14 =>> G=0V S=1.45V & D=11.29V
Q15 =>> G=0.57V S=1.9V & D=11.27V
Q16 =>> G=0.59V S=1.44V & D=11.27V
Q17 =>> G=0V S=1.91V & D=11.27V

Also ruinning a cold check on resistance values, I note as follows
R across R48 = 17 Ohms (390 Ohm resistor)
R across R49 = 21 Ohms (390 Ohm resistor_
R between ground and one arm of VR1 = 17 Ohms
R between ground and other arm of VR1 = 21 Ohms
R across L56 = 0.5 ohms
R across Q14 G & S = 27 Ohms
R across Q15 G & S = 19.5 Ohms
R across Q16 G & S = 12.4 Ohms
R across Q17 G & S = 31.5 Ohms

Can I confirm its faulty FETs or is it something else? The FET's are SMD devices and I am afraid if I attempt to remove I could damage them as they are glued to PCB.

Thanks in advance for any help offered!

73's-NAN-9V1AC

--- In TS-850_450_690@yahoogroups.com, "nan_9v1ac" <nan_9v1ac@...> wrote:
>
> Thank you all for your valuable posts. I tried the crude way of
> signal tracing using my multimeter probe to touch at each stage and I
> could hear an amplified hiss noise until the input of first mixer -
> L51 - which is a variable inductor. (on RF board) I could not find
> any point from this stage towards the antenna input that amplifed the
> noise level when touched with my probe. I also powered up my MFJ
> antena analyzer to output a signal at 14.200 MHz. The rig could pick
> up this signal if the antenna analyser was brought close to the rig.

> (near antena jack) I am guessing some stage is not amplifying
> sufficiently. Any tips to troubleshoot further or would this be
> something too hard without a signal generator & spectrum analyzer?
> I have confirmed input relay to be okay.
>
> 73's-Nan-9V1AC
>
>
> --- In TS-850_450_690@yahoogroups.com, "senat0r215i" <rg250@>
> wrote:
> >
> > Hi Mate
> > had the same problem with my ts450s just
> > take it to a local doctor
> > my 450s is working like a dream was just a cap on one of the
boards
> > was bad cheers jason vk2jas
> >
> >
> > --- In TS-850_450_690@yahoogroups.com, "Tom Osborne" <w7why@>
> > wrote:
> > >
> > > Hi Nan.
> > >
> > > First place to look is to see if the squelch is turned on. I
had
> > the same
> > > problem until someone told me about the squelch. 73
> > > Tom W7WHY
> > >
> > >
> > >
> > > >I have picked up a Kenwood TS-450S with built in ATU from a
> friend
> > of
> > > > mine who has not been using the rig for a while. The TX is
okay
> > and I
> > > > have confirmed with a few on air tests on the 20 meter band.
> The
> > Rx is
> > > > dead. I can just hear noise. Appreciate some advice as to
where
> I
> > can
> > > > start looking for possible problems.
> > > > 73's-Nan-9V1AC
> > >
> >
> >
>

5462. Re: TS-450S Dead Receiver

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-01-13 03:34:22 UTC
From: Clif
Topic: 5444 Message: 5462

If the mixers are out the RX will be down abt 20db. Not deaf.

Starting at the antenna with a probe coming off of the MFJ. Touch it
to the antenna connection and take a reading. Then move to the input
of the RF unit, should be the same, appx.

If Ok then; Check Q5, the Collector should be 12v and the base 0v. If
the collector isn't 12v it's shorted and killing the RX. Going on down
the line. Check the outputs on IC2. Pins 1-7 & 9-10. Only one should
be low at a time, the rest should be 7v. If not the IC is bad OR there
are leaky BPF diodes. Check D3 cathode for ~7.5v. If higher check D1-D2.

Touch the probe wire from the MFJ to D3 cathode. Should be same as
other readings.

Go to D27-D28 cathode junction and touch the probe.

If all that checks out then I would think about the mixers. But they
won't work without the VCO feeding in the right level and on frequency.

Clif

--- In TS-850_450_690@yahoogroups.com, "nan_9v1ac" <nan_9v1ac@...> wrote:
>
> Need some expert guidance please. I suspect RF board Mixer-1 to be
> the problem stage. Following are the voltages on the FET's,
> Q14,Q15,Q16 & Q17. The gate voltages are supposed to be "0V" but I
> read about 0.6v on the gates of Q15 & Q16. Measurements taken with
> rig on Rx mode, 14.200 & USB using Fluke77 DMM. Filter board
> disconnected.
>
> Q14 =>> G=0V S=1.45V & D=11.29V
> Q15 =>> G=0.57V S=1.9V & D=11.27V
> Q16 =>> G=0.59V S=1.44V & D=11.27V
> Q17 =>> G=0V S=1.91V & D=11.27V
>
> Also ruinning a cold check on resistance values, I note as follows
> R across R48 = 17 Ohms (390 Ohm resistor)
> R across R49 = 21 Ohms (390 Ohm resistor_
> R between ground and one arm of VR1 = 17 Ohms
> R between ground and other arm of VR1 = 21 Ohms
> R across L56 = 0.5 ohms
> R across Q14 G & S = 27 Ohms
> R across Q15 G & S = 19.5 Ohms
> R across Q16 G & S = 12.4 Ohms
> R across Q17 G & S = 31.5 Ohms
>

> Can I confirm its faulty FETs or is it something else? The FET's are
> SMD devices and I am afraid if I attempt to remove I could damage
> them as they are glued to PCB.
>
> Thanks in advance for any help offered!
>
> 73's-NAN-9V1AC
>
> --- In TS-850_450_690@yahoogroups.com, "nan_9v1ac" <nan_9v1ac@>
> wrote:
> >
> > Thank you all for your valuable posts. I tried the crude way of
> > signal tracing using my multimeter probe to touch at each stage and
> I
> > could hear an amplified hiss noise until the input of first mixer -
> > L51 - which is a variable inductor. (on RF board) I could not find
> > any point from this stage towards the antenna input that amplifed
> the
> > noise level when touched with my probe. I also powered up my MFJ
> > antena analyzer to output a signal at 14.200 MHz. The rig could
> pick
> > up this signal if the antenna analyser was brought close to the
> rig.
> > (near antena jack) I am guessing some stage is not amplifying
> > sufficiently. Any tips to troubleshoot further or would this be
> > something too hard without a signal generator & spectrum analyzer?
> > I have confirmed input relay to be okay.
> >
> > 73's-Nan-9V1AC
> >
> >
> > --- In TS-850_450_690@yahoogroups.com, "senat0r215i" <rg250@>
> > wrote:
> > >
> > > Hi Mate
> > > had the same problem with my ts450s just
> > > take it to a local doctor
> > > my 450s is working like a dream was just a cap on one of the
> boards
> > > was bad cheers jason vk2jas
> > >
> > >
> > > --- In TS-850_450_690@yahoogroups.com, "Tom Osborne" <w7why@>
> > > wrote:
> > > >
> > > > Hi Nan.
> > > >
> > > > First place to look is to see if the squelch is turned on. I
> had
> > > the same

> > > > problem until someone told me about the squelch. 73
> > > > Tom W7WHY
> > > >
> > > >
> > > >
> > > > >I have picked up a Kenwood TS-450S with built in ATU from a
> > friend
> > > of
> > > > > mine who has not been using the rig for a while. The TX is
> okay
> > > and I
> > > > > have confirmed with a few on air tests on the 20 meter band.
> > The
> > > > Rx is
> > > > > dead. I can just hear noise. Appreciate some advice as to
> where
> > I
> > > > can
> > > > > start looking for possible problems.
> > > > > 73's-Nan-9V1AC
> > > >
> > > >
> > >
>

5463. Re: TS-450S Dead Receiver

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-01-13 05:39:51 UTC
From: nan_9v1ac
Topic: 5444 Message: 5463

Thanks Clif. Yes you are right in that the receiver is not 'dead' but rather very weak. If I turn on my MFJ antena analyzer @ 14.200MHz and bring the signal close to the antenna input of the rig, I can receive the signal. The antenna analyzer supposedly outputs a very stong signal (20mv) so I did not conect it direct to antena input of the rig.

I have confirmed Q5 voltage is correct. IC2 voltages, Pin #1 reads 3.9V and #9 reads 0.32V. All other pins read 7V. Are these correct voltage readings?

Nan

--- In TS-850_450_690@yahoogroups.com, "Clif" <clif@...> wrote:
>
> If the mixers are out the RX will be down abt 20db. Not deaf.
>
> Starting at the antenna with a probe coming off of the MFJ. Touch it
> to the antenna connection and take a reading. Then move to the input
> of the RF unit, should be the same, appx.
>
> If Ok then; Check Q5, the Collector should be 12v and the base 0v.
If
> the collector isn't 12v it's shorted and killing the RX. Going on
down
> the line. Check the outputs on IC2. Pins 1-7 & 9-10. Only one should
> be low at a time, the rest should be 7v. If not the IC is bad OR
there
> are leaky BPF diodes. Check D3 cathode for ~7.5v. If higher check
D1-D2.
>
> Touch the probe wire from the MFJ to D3 cathode. Should be same as
> other readings.
>
> Go to D27-D28 cathode junction and touch the probe.
>
> If all that checks out then I would think about the mixers. But they
> won't work without the VCO feeding in the right level and on
frequency.
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "nan_9v1ac" <nan_9v1ac@>
wrote:
> >
> > Need some expert guidance please. I suspect RF board Mixer-1 to

be
> > the problem stage. Following are the voltages on the FET's,
> > Q14,Q15,Q16 & Q17. The gate voltages are supposed to be "0V" but
I
> > read about 0.6v on the gates of Q15 & Q16. Measurements taken
with
> > rig on Rx mode, 14.200 & USB using Fluke77 DMM. Filter board
> > disconnected.
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> > Also ruinning a cold check on resistance values, I note as follows
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> > R across L56 = 0.5 ohms
> > R across Q14 G & S = 27 Ohms
> > R across Q15 G & S = 19.5 Ohms
> > R across Q16 G & S = 12.4 Ohms
> > R across Q17 G & S = 31.5 Ohms
> >
> > Can I confirm its faulty FETs or is it something else? The FET's
are
> > SMD devices and I am afraid if I attempt to remove I could damage
> > them as they are glued to PCB.
> >
> > Thanks in advance for any help offered!
> >
> > 73's-NAN-9V1AC
> >
> > --- In TS-850_450_690@yahoogroups.com, "nan_9v1ac" <nan_9v1ac@>
> > wrote:
> > >
> > > Thank you all for your valuable posts. I tried the crude way of
> > > signal tracing using my multimeter probe to touch at each stage
and
> > I
> > > could hear an amplified hiss noise until the input of first
mixer -
> > > L51 - which is a variable inductor. (on RF board) I could not
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> > > any point from this stage towards the antenna input that
amplifed
> > the
> > > noise level when touched with my probe. I also powered up my
MFJ

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> > pick
> > > up this signal if the antenna analyser was brought close to the
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analyzer?
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> > >
> > >
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> > > wrote:
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> > boards
> > > > was bad cheers jason vk2jas
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> > > > >
> > > > > Hi Nan.
> > > > >
> > > > > First place to look is to see if the squelch is turned on.
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> > > > the same
> > > > > problem until someone told me about the squelch. 73
> > > > > Tom W7WHY
> > > > >
> > > > >
> > > > >
> > > > >I have picked up a Kenwood TS-450S with built in ATU from
a
> > > friend
> > > > of
> > > > > > mine who has not been using the rig for a while. The TX
is
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band.
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> > > > > > 73's-Nan-9V1AC
> > > > > >
> > > > >
> > > >
> > >
>

5464. Re: [TS-850_450_690] Re: TS-450S Dead Receiver

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-01-13 13:19:29 UTC
From: ve3wej gmail
Topic: 5444 Message: 5464

are you sure its not just bad band conditions????

----- Original Message -----
From: nan_9v1ac
To: TS-850_450_690@yahoogroups.com
Sent: Saturday, January 13, 2007 12:39 AM
Subject: [TS-850_450_690] Re: TS-450S Dead Receiver

5465. Re: TS-450S Dead Receiver

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-01-13 17:00:02 UTC
From: Clif
Topic: 5444 Message: 5465

Nope, D7 or D17 is leaky, most likely D7. Remove it and see what
happens to the Receiver. Should go way up in sensitivity. Replacing it
is an option as it's the 0-500KHz filter. If you're not a lofer it
probably won't matter.

Clif

--- In TS-850_450_690@yahoogroups.com, "nan_9v1ac" <nan_9v1ac@...> wrote:
>
> Thanks Clif. Yes you are right in that the receiver is not 'dead' but
> rather very weak. If I turn on my MFJ antena analyzer @ 14.200MHz and
> bring the signal close to the antenna input of the rig, I can receive
> the signal. The antenna analyzer supposedly outputs a very stong
> signal (20mv) so I did not conect it direct to antena input of the
> rig.
>
> I have confirmed Q5 voltage is correct. IC2 voltages, Pin #1 reads
> 3.9V and #9 reads 0.32V. All other pins read 7V. Are these correct
> voltage readings?
>
> Nan
>
>
> --- In TS-850_450_690@yahoogroups.com, "Clif" <clif@> wrote:
> >
> > If the mixers are out the RX will be down abt 20db. Not deaf.
> >
> > Starting at the antenna with a probe coming off of the MFJ. Touch it
> > to the antenna connection and take a reading. Then move to the input
> > of the RF unit, should be the same, appx.
> >
> > If Ok then; Check Q5, the Collector should be 12v and the base 0v.
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> > the collector isn't 12v it's shorted and killing the RX. Going on
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> > the line. Check the outputs on IC2. Pins 1-7 & 9-10. Only one should
> > be low at a time, the rest should be 7v. If not the IC is bad OR
> there
> > are leaky BPF diodes. Check D3 cathode for ~7.5v. If higher check
> D1-D2.
> >
> > Touch the probe wire from the MFJ to D3 cathode. Should be same as
> > other readings.
> >
> > Go to D27-D28 cathode junction and touch the probe.

> >
> > If all that checks out then I would think about the mixers. But they
> > won't work without the VCO feeding in the right level and on
> frequency.
> >
> > Clif
> >
> > --- In TS-850_450_690@yahoogroups.com, "nan_9v1ac" <nan_9v1ac@>
> wrote:
> > >
> > > Need some expert guidance please. I suspect RF board Mixer-1 to
> be
> > > the problem stage. Following are the voltages on the FET's,
> > > Q14,Q15,Q16 & Q17. The gate voltages are supposed to be "0V" but
> I
> > > read about 0.6v on the gates of Q15 & Q16. Measurements taken
> with
> > > rig on Rx mode, 14.200 & USB using Fluke77 DMM. Filter board
> > > disconnected.
> > >
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> > >
> > > Also ruinning a cold check on resistance values, I note as follows
> > > R across R48 = 17 Ohms (390 Ohm resistor)
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> > > R across L56 = 0.5 ohms
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> are
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> > > Thanks in advance for any help offered!
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> > > 73's-NAN-9V1AC
> > >
> > > --- In TS-850_450_690@yahoogroups.com, "nan_9v1ac" <nan_9v1ac@>
> > > wrote:
> > > >
> > > > Thank you all for your valuable posts. I tried the crude way of
> > > > signal tracing using my multimeter probe to touch at each stage

> and
> > > I
> > > > could hear an amplified hiss noise until the input of first
> mixer -
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> > > > noise level when touched with my probe. I also powered up my
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> > > > 73's-Nan-9V1AC
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5466. Re: TS-450S Dead Receiver

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-01-14 04:22:49 UTC
From: nan_9v1ac
Topic: 5444 Message: 5466

Thanks a million Clif!! I had to pull out D7 & then D17. It was a faulty D17. Now IC2 pin #1 reads 7V and RX is back to life! I will do some on air tests to confirm.

Is there an equivalent to this PIN diode RLS135? As you have pointed out , D7/D17 only affects 0-500KHz, so its not so critical. However I would like to do a complete job if possible.

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--- In TS-850_450_690@yahoogroups.com, "Clif" <clif@...> wrote:
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> Nope, D7 or D17 is leaky, most likely D7. Remove it and see what
> happens to the Receiver. Should go way up in sensitivity. Replacing
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> > signal (20mv) so I did not conect it direct to antena input of
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Touch it
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> > > If Ok then; Check Q5, the Collector should be 12v and the base
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> > > Go to D27-D28 cathode junction and touch the probe.
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> > > If all that checks out then I would think about the mixers. But
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5467. Re: TS-450S Dead Receiver

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-01-14 05:12:41 UTC
From: nan_9v1ac
Topic: 5444 Message: 5467

Hi Clif, one more clarification please. I still read wrong voltages at the gates of 1st Mixer FET's. Q15 G=0.6V & Q16 G=0.6V. Does this mean the FET's are also possibly damaged?

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5468. Re: TS-450S Dead Receiver

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-01-14 19:26:03 UTC
From: Clif
Topic: 5444 Message: 5468

On the RLS135, I don't know about a sub.

On the mixers look at the schematic. The voltages balance across the mixer. Not all the time are the voltages on a schematic correct.

Clif

--- In TS-850_450_690@yahoogroups.com, "nan_9v1ac" <nan_9v1ac@...> wrote:
>
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> > > > > > Q17 =>> G=0V S=1.91V & D=11.27V
> > > > > >
> > > > > > Also ruinning a cold check on resistance values, I note as
> > follows
> > > > > > R across R48 = 17 Ohms (390 Ohm resistor)
> > > > > > R across R49 = 21 Ohms (390 Ohm resistor_
> > > > > > R between ground and one arm of VR1 = 17 Ohms
> > > > > > R between ground and other arm of VR1 = 21 Ohms
> > > > > > R across L56 = 0.5 ohms
> > > > > > R across Q14 G & S = 27 Ohms
> > > > > > R across Q15 G & S = 19.5 Ohms
> > > > > > R across Q16 G & S = 12.4 Ohms
> > > > > > R across Q17 G & S = 31.5 Ohms

> > > > > >
> > > > > > Can I confirm its faulty FETs or is it something else? The
> > FET's
> > > > > are
> > > > > > SMD devices and I am afraid if I attempt to remove I could
> > damage
> > > > > > them as they are glued to PCB.
> > > > > > >
> > > > > > Thanks in advance for any help offered!
> > > > > > >
> > > > > > 73's-NAN-9V1AC
> > > > > > >
> > > > > > --- In TS-850_450_690@yahoogroups.com, "nan_9v1ac"
> > <nan_9v1ac@>
> > > > > > wrote:
> > > > > > > >
> > > > > > Thank you all for your valuable posts. I tried the crude
> > way of
> > > > > > signal tracing using my multimeter probe to touch at each
> > stage
> > > > > and
> > > > > > I
> > > > > > could hear an amplified hiss noise until the input of
> first
> > > > mixer -
> > > > > > L51 - which is a variable inductor. (on RF board) I could
> > not
> > > > find
> > > > > > any point from this stage towards the antenna input that
> > > > amplifed
> > > > > > the
> > > > > > noise level when touched with my probe. I also powered up
> > my
> > > > MFJ
> > > > > > antena analyzer to output a signal at 14.200 MHz. The rig
> > could
> > > > > > pick
> > > > > > up this signal if the antenna analyser was brought close
> to
> > the
> > > > > > rig.
> > > > > > (near antena jack) I am guessing some stage is not
> > amplifying
> > > > > > sufficiently. Any tips to troubleshoot further or would
> > this be
> > > > > > something too hard without a signal generator & spectrum
> > > > analyzer?
> > > > > > I have confirmed input relay to be okay.
> > > > > > >
> > > > > > 73's-Nan-9V1AC

> > > > > > >
> > > > > > > >
> > > > > > > > --- In TS-850_450_690@yahoogroups.com, "senat0r215i"
> > <rg250@>
> > > > > > > > wrote:
> > > > > > > > > >
> > > > > > > > > > Hi Mate
> > > > > > > > > > had the same problem with my ts450s just
> > > > > > > > > > take it to a local doctor
> > > > > > > > > > my 450s is working like a dream was just a cap on one
> of
> > the
> > > > > > > > boards
> > > > > > > > > > was bad cheers jason vk2jas
> > > > > > > > > >
> > > > > > > > > >
> > > > > > > > > > --- In TS-850_450_690@...m, "Tom Osborne"
> > <w7why@>
> > > > > > > > > wrote:
> > > > > > > > > >
> > > > > > > > > > Hi Nan.
> > > > > > > > > >
> > > > > > > > > > First place to look is to see if the squelch is
> turned
> > on.
> > > > > I
> > > > > > > > had
> > > > > > > > > > the same
> > > > > > > > > > problem until someone told me about the squelch. 73
> > > > > > > > > > Tom W7WHY
> > > > > > > > > >
> > > > > > > > > >
> > > > > > > > > >
> > > > > > > > > > >I have picked up a Kenwood TS-450S with built in ATU
> > from
> > > > > > a
> > > > > > > > friend
> > > > > > > > > > of
> > > > > > > > > > mine who has not been using the rig for a while.
> The
> > TX
> > > > > > is
> > > > > > > > okay
> > > > > > > > > > and I
> > > > > > > > > > have confirmed with a few on air tests on the 20
> > meter
> > > > > > band.
> > > > > > > > The
> > > > > > > > > > Rx is
> > > > > > > > > > dead. I can just hear noise. Appreciate some advice

> > as to
> > > > > > > where
> > > > > > > > > I
> > > > > > > > > can
> > > > > > > > > > > > start looking for possible problems.
> > > > > > > > > > > > 73's-Nan-9V1AC
> > > > > > > > > >
> > > > > > > > >
> > > > > > > > >
> > > > > > > >
> > > > > > >
> > > > > >
> > > > >
> > > >
> >
>

5469. Re: [TS-850_450_690] Re: USB for Kenwood TS-850S

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-01-15 03:32:21 UTC
From: Randy
Topic: 5436 Message: 5469

I am using two usb to rs232 interfaces between a laptop and ts850. Buxcomm sells them as well as an adapter that goes between the acc port and rs232 connector. The usb/rs232 at the local pc store are probably fine.
Randy WB4PBS
----- Original Message -----
From: Arne
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, January 09, 2007 4:04 PM
Subject: [TS-850_450_690] Re: USB for Kenwood TS-850S

--- In TS-850_450_690@...m, "Ping Hansen" <oz4ph@...> wrote:
>
> Hi,
>
> Has anyone seen an USB-interface for the TS-850S? I'd prefer to to
> skip RS-232 entirely.
>
> 73 de
> OZ4PH

Hej havde ikke set det var en dansker der spurgte.

Kig f. eks. på WIMO.DE de har forskellige løsninger men ellers har
T.Hansen en USb / RS232 konverter til ca. 125 DKK den har jeg brugt
uden problemer på min TS870S.
Der er en lille CD med til at kreere forskellige COM porte med husk at
den skal være min COM 5 da de interne altid er reseveret (hardware)
til og med COM 4

Hvis du har andre spørgsmål mail via OZ4VW add QRZ.dk

Hilsen Arne OZ4VW
>

[Non-text portions of this message have been removed]

5470. Re: TS450SAT mic problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-01-15 20:49:40 UTC
From: rovntoma
Topic: 5292 Message: 5470

Thanks guys
I soldered pins on small pcb board.Pins have not good contact.Many times plug and unplug connector with small pressure damage pins contact.Maybe,I fixed it.

--- In TS-850_450_690@yahoogroups.com, "Tom Osborne" <w7why@...> wrote:
>
> Hi Clif
>
> Apparently, not on all '450's. I have had the same problem, no audio, and I
> checked the mike jack like you suggested. There were some wires coming
> directly off the mike jack, going to a small board plugged into the main
> board. Anyway, I re-seated that board and took a small screwdriver and
> wiggled the wires on the back of the mike jack and it started working again.
> Thanks for your suggestion, it worked. 73
> Tom W7WHY
>
>
> > There is a small PCB soldered directly to the back of the mike jack.
> > Over time the solder joints can crack and cause intermittents.
>Reflow the
> > connections and all should be good...
> >
> > Clif
>

5471. TS-850 with a dead reciever

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-01-15 22:46:47 UTC
From: Brian
Topic: 5471 Message: 5471

Hi all, happy new year.

Somethings happened to the receiver in my TS-850. I had the day off today and figured I'd play radio a bit. I turned it on this morning and it was fine, on 80 meters from the night before. I switch bands up to 20 meters, and then switched over to my long wire using the switch on my tuner, and out went the receive.

I've tried all the modes/bands and I've got nothing, no signals and no audio. It seems to TX just fine though. I do get RX audio on FM, but still no received signals.

I also hear a very high pitched tone coming from the radio, but it's not coming through the speaker or headphones (both are unhooked). It's something else.

From what I can gather by reading various posts here and elsewhere the likely culprit was a built up charge on the antenna. So I should look at D31 on the RF board, or maybe the surge absorber near the SO239.

Does anyone have any other suggestions? If I had ready access to a RLS135 diode I'd just try replacing D31 but it seems everywhere is either out of stock or wants a minimum order of $40 or something.

Any advice is greatly appreciated.

73 de Brian, VA3DXV
http://www.ve3rix.ca

5472. Re: [TS-850_450_690] TS-850 with a dead reciever

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-01-16 01:04:18 UTC
From: johnnygm7lsi@aol.com
Topic: 5471 Message: 5472

Hi, Brian,
I had the same problem a couple of years back, I tried a
factory reset and it cured everything, might be worth a try.
Johnny, GM7LSI

In a message dated 15/01/2007 22:52:27 GMT Standard Time, bgravesx@...
writes:

Hi all, happy new year.

Somethings happened to the receiver in my TS-850. I had the day off
today and figured I'd play radio a bit. I turned it on this morning
and it was fine, on 80 meters from the night before. I switch bands up
to 20 meters, and then switched over to my long wire using the switch
on my tuner, and out went the receive.

I've tried all the modes/bands and I've got nothing, no signals and no
audio. It seems to TX just fine though. I do get RX audio on FM, but
still no received signals.

I also hear a very high pitched tone coming from the radio, but it's
not coming through the speaker or headphones (both are unhooked). It's
something else.

From what I can gather by reading various posts here and elsewhere the
likely culprit was a built up charge on the antenna. So I should look
at D31 on the RF board, or maybe the surge absorber near the SO239.

Does anyone have any other suggestions? If I had ready access to a
RLS135 diode I'd just try replacing D31 but it seems everywhere is
either out of stock or wants a minimum order of $40 or something.

Any advice is greatly appreciated.

73 de Brian, VA3DXV
http://www.ve3rix.ht (http://www.ve3rix.ca/)

[Non-text portions of this message have been removed]

5473. Re: TS-850 with a dead reciever

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-01-16 01:07:40 UTC
From: Clif
Topic: 5471 Message: 5473

Pop the bottom cover and locate a pad labeled RXB on the RF unit.
Check the voltage in RX, it should be ~8v. If less than 1v the D31 is
gone. The replacement for D31 is a MI204, not surface mount but much
heavier duty and end of problem.

Clif

--- In TS-850_450_690@yahoogroups.com, "Brian" <bgravesx@...> wrote:
>
> Hi all, happy new year.
>
> Somethings happened to the receiver in my TS-850. I had the day off
> today and figured I'd play radio a bit. I turned it on this morning
> and it was fine, on 80 meters from the night before. I switch bands up
> to 20 meters, and then switched over to my long wire using the switch
> on my tuner, and out went the receive.
>
> I've tried all the modes/bands and I've got nothing, no signals and no
> audio. It seems to TX just fine though. I do get RX audio on FM, but
> still no received signals.
>
> I also hear a very high pitched tone coming from the radio, but it's
> not coming through the speaker or headphones (both are unhooked). It's
> something else.
>
> From what I can gather by reading various posts here and elsewhere the
> likely culprit was a built up charge on the antenna. So I should look
> at D31 on the RF board, or maybe the surge absorber near the SO239.
>
> Does anyone have any other suggestions? If I had ready access to a
> RLS135 diode I'd just try replacing D31 but it seems everywhere is
> either out of stock or wants a minimum order of $40 or something.
>
> Any advice is greatly appreciated.
>
> 73 de Brian, VA3DXV
> http://www.ve3rix.ca
>

5474. Re: TS-850 with a dead reciever

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-01-16 01:39:26 UTC
From: Brian
Topic: 5471 Message: 5474

Thats the very first thing I thought of doing also, but no luck.

Thanks though :)

--- In TS-850_450_690@yahoogroups.com, johnnygm7lsi@... wrote:
>
>
>
> Hi, Brian,
> I had the same problem a couple of years back, I tried a
> factory reset and it cured everything, might be worth a try.
> Johnny, GM7LSI
>

5475. Re: TS-850 with a dead reciever

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-01-16 02:30:35 UTC
From: Brian
Topic: 5471 Message: 5475

Thanks very much Clif, that's what I was looking for.

I think that seals it, I found 1.3 volts. Also as suspected, briefly shorting TXB to ground brought RX back.

Thanks, I'll start hunting.

73!

--- In TS-850_450_690@yahoogroups.com, "Clif" <clif@...> wrote:
>
> Pop the bottom cover and locate a pad labeled RXB on the RF unit.
> Check the voltage in RX, it should be ~8v. If less than 1v the D31 is
> gone. The replacement for D31 is a MI204, not surface mount but much
> heavier duty and end of problem.
>
> Clif
>

5476. Re: TS-850 with a dead reciever

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-01-16 03:01:18 UTC
From: Clif
Topic: 5471 Message: 5476

While you are in the neighborhood;
Check the collector of Q49 for ~8v in Rx. A spike usually gets it
also. Causes about a 20db drop in sensitivity. You can remove D31 and
check the Rx. Also look at all the control lines for the BP Filters.
Go to IC1 and check 1-7 & 9-11. All should be 11v except the one
selected and it will be low. Could have got one of the switching
diodes for the filters.

Clif

--- In TS-850_450_690@yahoogroups.com, "Brian" <bgravesx@...> wrote:
>
> Thanks very much Clif, that's what I was looking for.
>
> I think that seals it, I found 1.3 volts. Also as suspected, briefly
> shorting TXB to ground brought RX back.
>
> Thanks, I'll start hunting.
>
> 73!
>
> --- In TS-850_450_690@yahoogroups.com, "Clif" <clif@> wrote:
> >
> > Pop the bottom cover and locate a pad labeled RXB on the RF unit.
> > Check the voltage in RX, it should be ~8v. If less than 1v the D31 is
> > gone. The replacement for D31 is a MI204, not surface mount but much
> > heavier duty and end of problem.
> >
> > Clif
> >
>

5477. Re: TS-850 with a dead reciever

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-01-16 03:10:19 UTC
From: ve3tmt
Topic: 5471 Message: 5477

--- In TS-850_450_690@yahoogroups.com, "Brian" <bgravesx@...> wrote:
>
> Thanks very much Clif, that's what I was looking for.
>
> I think that seals it, I found 1.3 volts. Also as suspected, briefly
> shorting TXB to ground brought RX back.
>
> Thanks, I'll start hunting.

Brian,

As mentioned in my e-mail, check the voltages on the TRX board. There is an 8V common which outputs to either the TXB or RXB voltages. Can't recall the pin numbers. The TRX board is located on the IF board. With the radio upside down front facing you, up in the top right section you will see a bunch of small boards soldered to the main IF board. They are all labelled. The TRX board I think is the 2nd in line from the front. When I lost the TXB in mine one of the transistors was blown. The boards are available cheap from www.kenwoodparts.com

Max
VE3TMT

5478. TS-450SAT no computer output

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-01-16 04:52:13 UTC
From: Tom Osborne
Topic: 5478 Message: 5478

Hi Guys (and gals)

I have a TS-450SAT and for some reason the computer interface quit. I know it is not the cable as I have another TS-450SAT and the cable works on it. It was working fine, then all of a sudden, just quit. The computer can't find the radio any more. Any ideas? Thanks and 73
Tom W7WHY

5479. where to repair TS850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-01-16 17:07:29 UTC
From: martin beekhuis
Topic: 5479 Message: 5479

Living in the south of the Netherlands I asking where to repair my TS850
In Belgium or in the Netherlands?
Is there some experience ? What address?
regards Martin

5480. TS-850s IF injection

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-01-16 17:39:56 UTC
From: marcogoni
Topic: 5480 Message: 5480

Hi All!
Does anybody know at which level VR17 in the RF board should be?
I mean the service manual says simply that the level should
be set up counterclockwise from max AF output until the audio level
drops...

My problem is that when I checked the RTX it was nearly all the way
clockwise and the receiver was very noisy. Now I did as the manual
says and it's much quieter, but I am not so sure it is correct!

In any case I understand that the S-meter should be set up again, and
I've never done it before even if I have a good scope and signal
generators.

Any help?

Thanks as usual,
marco
IS0KYB

5481. Looking for some TS-850 panel buttons

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-01-16 21:11:18 UTC
From: nz7c
Topic: 5481 Message: 5481

I'd like to replace some faded panel buttons on my TS-850. Pacific Parts and PartsStore are all out of replacement buttons. Can anyone suggest amother soource? Thanks and 73/Tim NZ7C

5482. Re: [TS-850_450_690] TS-450SAT no computer output

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-01-16 20:40:19 UTC
From: ve3wej gmail
Topic: 5478 Message: 5482

changed baud rate in the 450???????is there a menu in that model, could it have changed

----- Original Message -----
From: Tom Osborne
To: TS-850_450_690@yahoogroups.com
Sent: Monday, January 15, 2007 11:52 PM
Subject: [TS-850_450_690] TS-450SAT no computer output

Hi Guys (and gals)

I have a TS-450SAT and for some reason the computer interface quit. I know
it is not the cable as I have another TS-450SAT and the cable works on it.
It was working fine, then all of a sudden, just quit. The computer can't
find the radio any more. Any ideas? Thanks and 73
Tom W7WHY

[Non-text portions of this message have been removed]

5483. Re: [TS-850_450_690] Looking for some TS-850 panel buttons

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-01-16 22:01:13 UTC
From: 'Doc'
Topic: 5481 Message: 5483

Tim,
Which button are you specifically looking for? I have
a 'donor' '850, might have those buttons.
Paul / W5LZ

5484. Re: [TS-850_450_690] where to repair TS850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-01-17 00:01:01 UTC
From: n7ioh
Topic: 5479 Message: 5484

Hi Martin, here is a link to some repair centers that
Kenwood recommends.
http://www.kenwood.nl/support/service/
Other than these I would just ask other hams in your
area for references.

Al, n7ioh

--- martin beekhuis <pa3dsc@...> wrote:

> Living in the south of the Netherlands I asking
> where to repair my TS850
> In Belgium or in the Netherlands?
> Is there some experience ? What address?
> regards Martin
>
>

"Life is tough, it's tougher if you are stupid".

To error is human, to forgive is against company policy.

5485. Re: [TS-850_450_690] Looking for some TS-850 panel buttons

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-01-16 21:49:27 UTC
From: DaveH
Topic: 5481 Message: 5485

Tim,
Try East Coast Transistor, They are Kenwood Parts suppliers.
Dave
----- Original Message -----
From: "nz7c" <nz7c@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Tuesday, January 16, 2007 4:11 PM
Subject: [TS-850_450_690] Looking for some TS-850 panel buttons

> I'd like to replace some faded panel buttons on my TS-850. Pacific
> Parts and PartsStore are all out of replacement buttons. Can anyone
> suggest amother soource? Thanks and 73/Tim NZ7C
>
>
>
> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
>
>
>
>

5486. Re: [TS-850_450_690] TS-450SAT no computer output

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-01-17 02:27:08 UTC
From: Tom Osborne
Topic: 5478 Message: 5486

Don't think I can change the baud rate in the '450. There is a menu, but
not with that option. Thanks and 73
Tom W7WHY

> changed baud rate in the 450???????is there a menu in that model, could it
> have changed
>
>
> Subject: [TS-850_450_690] TS-450SAT no computer output

> Hi Guys (and gals)
>
> I have a TS-450SAT and for some reason the computer interface quit. I
> know
> it is not the cable as I have another TS-450SAT and the cable works on
> it.
> It was working fine, then all of a sudden, just quit. The computer can't
> find the radio any more. Any ideas? Thanks and 73
> Tom W7WHY

5487. Re: TS-850 with a dead reciever

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-01-17 04:44:35 UTC
From: Brian
Topic: 5471 Message: 5487

Thanks very much Clif. I checked Q49 and it's good. All the levels on
IC1 are good also, and after removing D31 receive is as good as ever.

I ordered a few D31 replacements from east coast transistor (along
with a few other components for the rig in case I ever need them).
Just awaiting their arrival. Thank you for your time.

73 de Brian, VA3DXV

--- In TS-850_450_690@yahoogroups.com, "Clif" <clif@...> wrote:
>
> While you are in the neighborhood;
> Check the collector of Q49 for ~8v in Rx. A spike usually gets it
> also. Causes about a 20db drop in sensitivity. You can remove D31 and
> check the Rx. Also look at all the control lines for the BP Filters.
> Go to IC1 and check 1-7 & 9-11. All should be 11v except the one
> selected and it will be low. Could have got one of the switching
> diodes for the filters.
>
> Clif

5488. Re: Looking for some TS-850 panel buttons

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-01-17 06:05:22 UTC
From: nz7c
Topic: 5481 Message: 5488

Hi Paul -
I am looking for the following buttons:
Meter
LSB/USB
CW/FSK
#7
Clear
TF-Set
8.83
455
I'd be glad to pay same prices charged by the parts houses. Thanks Paul!
73/Tim

--- In TS-850_450_690@yahoogroups.com, 'Doc' <ltdoc@...> wrote:
>
> Tim,
> Which button are you specifically looking for? I have
> a 'donor' '850, might have those buttons.
> Paul / W5LZ
>

5489. Re: Looking for some TS-850 panel buttons

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-01-17 05:59:25 UTC
From: nz7c
Topic: 5481 Message: 5489

Dave -
Forgot to mention I tried them as well - most buttons are now
discontinued. Thanks though!
73/Tim
--- In TS-850_450_690@yahoogroups.com, "DaveH" <w2drh@...> wrote:
>
> Tim,
> Try East Coast Transistor, They are Kenwood Parts suppliers.
> Dave
> ----- Original Message -----
> From: "nz7c" <nz7c@...>
> To: <TS-850_450_690@yahoogroups.com>
> Sent: Tuesday, January 16, 2007 4:11 PM
> Subject: [TS-850_450_690] Looking for some TS-850 panel buttons
>
>
> > I'd like to replace some faded panel buttons on my TS-850. Pacific
> > Parts and PartsStore are all out of replacement buttons. Can anyone
> > suggest amother soource? Thanks and 73/Tim NZ7C
> >
> >
> >
> > THANKS FOR USING TS-850_450_690@...
> > Yahoo! Groups Links
> >
> >
> >
> >
>

5490. Re: [TS-850_450_690] Re: Looking for some TS-850 panel buttons

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-01-17 12:40:29 UTC
From: Charles Mortimer
Topic: 5481 Message: 5490

hallo Dave
i have a full panel of buttons if you are interested completewith panel the panel has a crack in it vk6ycj Australia
.....
.....
----- Original Message -----
From: nz7c
To: TS-850_450_690@yahoogroups.com
Sent: Wednesday, January 17, 2007 2:59 PM
Subject: [TS-850_450_690] Re: Looking for some TS-850 panel buttons

Dave -
Forgot to mention I tried them as well - most buttons are now
discontinued. Thanks though!
73/Tim
--- In TS-850_450_690@yahoogroups.com, "DaveH" <w2drh@...> wrote:
>
> Tim,
> Try East Coast Transistor, They are Kenwood Parts suppliers.
> Dave
> ----- Original Message -----
> From: "nz7c" <nz7c@...>
> To: <TS-850_450_690@yahoogroups.com>
> Sent: Tuesday, January 16, 2007 4:11 PM
> Subject: [TS-850_450_690] Looking for some TS-850 panel buttons
>
>
> > I'd like to replace some faded panel buttons on my TS-850. Pacific
> > Parts and PartsStore are all out of replacement buttons. Can anyone
> > suggest amother soource? Thanks and 73/Tim NZ7C
> >
> >
> >
> > THANKS FOR USING TS-850_450_690@...
> > Yahoo! Groups Links
> >
> >
> >
> >
>

[Non-text portions of this message have been removed]

5491. TS 450 No TX / RX on 12m & 10m

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-01-17 12:28:39 UTC
From: rustfix
Topic: 5491 Message: 5491

Hello Everyone

Wonder if anyone has experienced No TX / RX on 12m & 10m only, all other bands o/k. Any help or suggestions would be very appreciated.

Thanks

Jeff

5492. Re: [TS-850_450_690] Re: Looking for some TS-850 panel buttons

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-01-17 14:08:42 UTC
From: 'Doc'
Topic: 5481 Message: 5492

Tim,
Got the list of buttons, I do have them. There's always a 'catch', and I've got one too. This '850 is one of the first that came out, so, the buttons and everything else is sort of 'worn'. The 'other' part of the 'catch' is that being in Oklahoma, it'll probably be a while before I can get them out of the radio and shipped. It's not exactly very high on the priority list right now - lol.
I have no idea what new buttons would cost so will take your estimate on that. I'd feel a lot better if you'd have a look at them before deciding what they are worth (terrible to have a conscience, isn't it?).
If you don't mind a wait, I'll get them to you and then we can go from there. If they aren't what you expect, no problem, just send them back. If you'd rather find buttons else where, that's not a problem either!
So, what do you think?
Paul / W5LZ

PS - And if by chance you have one, I'd be more than willing to swap buttons for a portable generator! Or maybe a couple of hundred gallons of gas?? LOL

5493. Re: Looking for some TS-850 panel buttons

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-01-17 15:11:55 UTC
From: nz7c@cox.net
Topic: 5481 Message: 5493

Hi Paul -
That sounds very, very nice of you and most appreciated. Whenever it is convenient for you go ahead and send the buttons.

The buttons on my rig that I am replacing have 50% - !00% of the lettering worn off. So if yours are reasonably legible then I am ahead of the game. Pacific parts charged $1.04 per button when they were available.

If you are comfortable sending me the buttons and then having me send you a check as you suggest - that's a great idea and very kind of you. Thanks!!
I'm good on QRZ.COM but here is my info:
Timothy Logan
831 S. Copper Key Court
Gilbert, AZ 85233
W: 480-763-1300

Thanks again,
73 Tim NZ7C

---- 'Doc' <ltdoc@...> wrote:

==========

Tim,
Got the list of buttons, I do have them. There's always a 'catch', and I've got one too. This '850 is one of the first that came out, so, the buttons and everything else is sort of 'worn'. The 'other' part of the 'catch' is that being in Oklahoma, it'll probably be a while before I can get them out of the radio and shipped. It's not exactly very high on the priority list right now - lol.
I have no idea what new buttons would cost so will take your estimate on that. I'd feel a lot better if you'd have a look at them before deciding what they are worth (terrible to have a conscience, isn't it?).
If you don't mind a wait, I'll get them to you and then we can go from there. If they aren't what you expect, no problem, just send them back. If you'd rather find buttons else where, that's not a problem either!
So, what do you think?
Paul / W5LZ

PS - And if by chance you have one, I'd be more than willing to swap buttons for a portable generator! Or maybe a couple of hundred gallons of gas?? LOL

5494. installing 2.1 and 500hz Inrads on 8.83 board - option for crowding

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-01-19 00:54:22 UTC
From: nz7c
Topic: 5494 Message: 5494

I have Inrad 500hz filters on both boards and now want to install a 2.1 Inrad adjacent to the 500hz on the 8.83 board. I've not seen Kenwood filters but the Inrads will not fit side by side so it looks as if it's necessary to extend the connectors mounted on the pc board with a cable and mount the 2.1 filter a bit further away from the stock location. If anyone has already done this I would like to know where to order a cable that would extend each of the 5-pin and 3-pin connectors. I don't know what a radio technician would call this cable - so a name and / or part number would help! Thanks in advance for any help. Tim / NZ7C

5495. Re: [TS-850_450_690] installing 2.1 and 500hz Inrads on 8.83 board - option for crowding

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-01-19 03:58:59 UTC
From: Bill Maddock
Topic: 5494 Message: 5495

My Inrads all fit side by side in both 850's!

73,

Bill N4ZI

nz7c <nz7c@...> wrote:
I have Inrad 500hz filters on both boards and now want to install a 2.1 Inrad adjacent to the 500hz on the 8.83 board. I've not seen Kenwood filters but the Inrads will not fit side by side so it looks as if it's necessary to extend the connectors mounted on the pc board with a cable and mount the 2.1 filter a bit further away from the stock location. If anyone has already done this I would like to know where to order a cable that would extend each of the 5-pin and 3-pin connectors. I don't know what a radio technician would call this cable - so a name and / or part number would help! Thanks in advance for any help. Tim / NZ7C

Don't be flakey. Get Yahoo! Mail for Mobile and
always stay connected to friends.

[Non-text portions of this message have been removed]

5496. installing 2.1 and 500hz Inrads on 8.83 board - problem solved

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-01-19 04:55:10 UTC
From: Tim Logan
Topic: 5494 Message: 5496

Problem solved - the 2.1 is not symetrical - flip it 180 and it fits - dah!
73/Tim

5497. SG-235 Antenna Tuner Wanted

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-01-19 20:14:30 UTC
From: rfpexec
Topic: 5497 Message: 5497

Hi Gang,

I am looking for an SGC model SG-235 500 watt antenna tuner to use with my TS-850. If I can't locate an SG-235, I would be interested in an SG-230.

If you have one you are interested in selling, please let me know

Thanks,

Bill
k0owo
Colorado
phone: 303 674 0510

5498. Changing TS-850S Baud Rate?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-01-20 20:27:37 UTC
From: sp600jx21
Topic: 5498 Message: 5498

Is there a menu option to change the computer control baud rate from 4800? If so, can someone advise me of that menu option?

5499. Re: [TS-850_450_690] Changing TS-850S Baud Rate?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-01-20 22:10:56 UTC
From: ve3wej gmail
Topic: 5498 Message: 5499

why do you need to, I have never had any reason too. what I do change (in my logging program) is the polling rate to speed up the read radio, and change radio feature

----- Original Message -----
From: sp600jx21
To: TS-850_450_690@yahoogroups.com
Sent: Saturday, January 20, 2007 3:27 PM
Subject: [TS-850_450_690] Changing TS-850S Baud Rate?

Is there a menu option to change the computer control baud rate from
4800? If so, can someone advise me of that menu option?

[Non-text portions of this message have been removed]

5500. Re: [TS-850_450_690] Changing TS-850S Baud Rate?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-01-20 21:51:00 UTC
From: Cormac & Suzanne Gebruers
Topic: 5498 Message: 5500

I'm pretty sure there isn't - as far as I know the rate is fixed... why would you want to change it?

sp600jx21 wrote:
>
> Is there a menu option to change the computer control baud rate from
> 4800? If so, can someone advise me of that menu option?
>
>

5501. Re: Changing TS-850S Baud Rate?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-01-20 22:55:02 UTC
From: holzschlapfen
Topic: 5498 Message: 5501

Not possible.
--- In TS-850_450_690@yahoogroups.com, "sp600jx21" <n0ee@...> wrote:
>
> Is there a menu option to change the computer control baud rate from
> 4800? If so, can someone advise me of that menu option?
>

5502. Re: USB for Kenwood TS-850S

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-01-20 23:10:03 UTC
From: holzschlapfen
Topic: 5436 Message: 5502

Hi
never seen, I made for myself, connect a digitus adapter with serial
data cable.
cu Joe
--- In TS-850_450_690@yahoogroups.com, "Ping Hansen" <oz4ph@...> wrote:
>
> Hi,
>
> Has anyone seen an USB-interface for the TS-850S? I'd prefer to to
> skip RS-232 entirely.
>
> 73 de
> OZ4PH
>

5503. TS-690s manual

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-01-20 23:59:03 UTC
From: w1nra
Topic: 5503 Message: 5503

I have most of the late model ham radios on disk. I have a Kenwood TS-690s and would like to have that manual also. If anyone has this one on disk I would appreciate it if you would post it or send it to me. I have the Operators manual and Repair manual for the radio but would like to have in on disk along with all the others that I have.
ANY FILES ON THE 690s would be greatly appreciated.

Thanks

Jerry / W1NRA

5504. Re: Changing TS-850S Baud Rate?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-01-21 04:00:20 UTC
From: sp600jx21
Topic: 5498 Message: 5504

Actually, I don't want to change it. I read somewhere it can be
changed through the menu but my menu doesn't address it, thought maybe
I was missing something...

-- In TS-850_450_690@yahoogroups.com, Cormac & Suzanne Gebruers
<gebruers_cuan@...> wrote:
>
> I'm pretty sure there isn't - as far as I know the rate is fixed... why
> would you want to change it?
>
> sp600jx21 wrote:
> >
> > Is there a menu option to change the computer control baud rate from
> > 4800? If so, can someone advise me of that menu option?
> >
> >
>

5505. TS-450S Mixer FET's

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-01-21 11:07:11 UTC
From: nan_9v1ac
Topic: 5505 Message: 5505

On the TS-450S, there are 4 FET's, Q14 to Q17 -2SK520(K44) on the RF board, 1st Mixer. Could someone let me know if these are matched transistors or not? I am planning to replace these as I suspect 2 to be faulty. Also what does the K44 mean?

73's-Nan-9V1AC

5506. TS-850 Distorted TX

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-01-21 16:53:01 UTC
From: Ron
Topic: 5506 Message: 5506

I have TS-850SAT that has distorted transmit after taking quick shot of 24-26 volts when diode blew on my PS-52. Receive is wonderful no matter if unit is cold or warm. Although distorted, people can understand me and distortion is constant and consistent. I have replaced the DC-DC board and done the ALC fix. In process, found the gas arrestor tube blown and replaced it. Battery shows 3.2 volts with no apparent leakage. Checked the caps on the CAR board and all look good. DDS chips are 66312. Thinking DDS is cause but all posts to the group mention distorted receive as well as transmit, which is not my case. From looks of DDS chips, not sure I have skills (or magnifying glass strong enough)to replace.

Before I send it out, is there something else I should check?

Thanks in advance for any advice.

73

Ron - AG1P
Forsyth, MO

5507. Re: TS-850 Distorted TX

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-01-21 17:33:43 UTC
From: Clif
Topic: 5506 Message: 5507

Check the bias on the finals and drivers. The base voltages should be .6-.7v in Tx. Measure in SSB with no mike hooked up. Zero volts indicates a bias circuit problem while a higher voltage is usually a leaky driver or final.

Clif

--- In TS-850_450_690@yahoogroups.com, "Ron" <bitwdlr@...> wrote:
>
> I have TS-850SAT that has distorted transmit after taking quick shot
> of 24-26 volts when diode blew on my PS-52. Receive is wonderful no
> matter if unit is cold or warm. Although distorted, people can
> understand me and distortion is constant and consistent. I have
> replaced the DC-DC board and done the ALC fix. In process, found
> the gas arrestor tube blown and replaced it. Battery shows 3.2
> volts with no apparent leakage. Checked the caps on the CAR board
> and all look good. DDS chips are 66312. Thinking DDS is cause but
> all posts to the group mention distorted receive as well as
> transmit, which is not my case. From looks of DDS chips, not sure I
> have skills (or magnifying glass strong enough)to replace.
>
> Before I send it out, is there something else I should check?
>
> Thanks in advance for any advice.
>
> 73
>
> Ron - AG1P
> Forsyth, MO
>

5508. TXCO in 850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-01-21 17:26:26 UTC
From: Frederick Diehlman
Topic: 5508 Message: 5508

Is there any way to trim the TXCO. Mine is 10hz off and has been for over a decade. Am hesitant to disassemble it unless someone has already done that with satisfactory results.

5509. Re: TXCO in 850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-01-21 17:36:26 UTC
From: Clif
Topic: 5508 Message: 5509

Carefully lift the label on top of the TCXO and adjust the trimmer cap
under it.

Clif

--- In TS-850_450_690@yahoogroups.com, "Frederick Diehlman"
<diehlman@...> wrote:
>
> Is there any way to trim the TXCO. Mine is 10hz off and has been for
> over a decade. Am hesitant to disassemble it unless someone has already
> done that with satisfactory results.
>

5510. gas tube arrestor antenna protection

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-01-21 17:41:29 UTC
From: Paul
Topic: 5510 Message: 5510

Once the gas tube arrestor has been activated due high antenna currents, do I need to change it ??
Paul

5511. Re: [TS-850_450_690] Re: Changing TS-850S Baud Rate?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-01-21 19:58:00 UTC
From: ve3wej gmail
Topic: 5498 Message: 5511

can be changed on the 870!!!!

----- Original Message -----
From: sp600jx21
To: TS-850_450_690@yahoogroups.com
Sent: Saturday, January 20, 2007 11:00 PM
Subject: [TS-850_450_690] Re: Changing TS-850S Baud Rate?

Actually, I don't want to change it. I read somewhere it can be
changed through the menu but my menu doesn't address it, thought maybe
I was missing something...

-- In TS-850_450_690@yahoogroups.com, Cormac & Suzanne Gebruers
<gebruers_cuan@...> wrote:
>
> I'm pretty sure there isn't - as far as I know the rate is fixed... why
> would you want to change it?
>
> sp600jx21 wrote:
> >
> > Is there a menu option to change the computer control baud rate from
> > 4800? If so, can someone advise me of that menu option?
> >
> >
>

[Non-text portions of this message have been removed]

5512. Thanks much Tom

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-01-21 21:15:49 UTC
From: w1nra
Topic: 5512 Message: 5512

I got the 690 manual Tom
I appreciate it mucho..;-)

Jerry / W1NRA

5513. Help appreciated guys

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-01-22 07:07:18 UTC
From: w1nra
Topic: 5513 Message: 5513

I sure appreciate the help with the Kenwood manuals folks. I should have them in the next day or so. The Service Manual is a very large file and not friendly to email attachment :-(

Jerry W1NRA

5514. WTT KenwoodTS-850sat & Icom ic-706mk2g

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-01-22 21:27:46 UTC
From: Ric
Topic: 5514 Message: 5514

I Have an Icom Ic-706mk2g in like new condition,includes OPC-581 Separation kit(new in package),MB63 Mounting bracket(new in Package)all acces.cables that came with new.Also includes CR-282 High Stabilty Crystal(never installed) & Icom FL-223 1.9 khz SSb filter.Stock mic,All Boxes,Manual,pwr cables as well
Also is a SAMSON C01 Studio condenser mic, all cables and hook ups for icom, And a new peavey pv-6 mixer for that great hi-fi radio station (box and manual included).it also included a LDG AT-11MP autotuner with all cables for icom .
Also I have a TS-850sat it works but is locked in band scan mode. when using vfo, but memory mode works as it should.(maybe easy fix), Comes with power cable mc-60 mic and ps-53 power supply,it has ssb filter as well,
NOW WHAT I AM LOOKING FOR.
I WILL TRADE ALL ABOVE FOR A LATE MODEL TS-2000, OR EVEN THE COMPUTER MODEL

5515. kentrol

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-01-24 20:52:11 UTC
From: Lee
Topic: 5515 Message: 5515

Well the letter I mailed to the developer of Kentrol was returned to me
by the post office where he lived. It was marked "RENVOI A L'EXPEDITEUR"
And I think my eyes have gone blurry or something, cuz I can't read
that. I must have skipped school the day they taught that one.
Anyways, he must have moved or something.

Lee

5516. RE: [TS-850_450_690] kentrol

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-01-25 13:44:47 UTC
From: Allan
Topic: 5515 Message: 5516

Hi Lee and all,

"RENVOI A L'EXPEDITEUR" is a french expression = " back to the sender "

Which address are you looking for ?

Maybe I can help you

Regards

Allan

> -----Message d'origine-----
> De : TS-850_450_690@yahoogroups.com [mailto:TS-
> 850_450_690@yahoogroups.com] De la part de Lee
> Envoyé : mercredi 24 janvier 2007 21:52
> À : TS-850_450_690@yahoogroups.com
> Objet : [TS-850_450_690] kentrol
>
> Well the letter I mailed to the developer of Kentrol was returned to me
> by the post office where he lived. It was marked "RENVOI A
> L'EXPEDITEUR"
> And I think my eyes have gone blurry or something, cuz I can't read
> that. I must have skipped school the day they taught that one.
> Anyways, he must have moved or something.
>
> Lee
>
>
>
> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
>
>
>

Yahoo! Mail réinvente le mail ! Découvrez le nouveau Yahoo! Mail et son interface
révolutionnaire.
http://fr.mail.yahoo.com

5517. TS 850 battery question

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-01-26 01:31:36 UTC
From: cw073
Topic: 5517 Message: 5517

This may have been answered a thousand times, but as a new member I hope you will humour me. Is there a serial no. range as to the "leaky battery" problem with the 850? I recently acquired an excellent condition rig that I really enjoy using and didn't want to have to take the covers off to check if there is another way of knowing if it may or may not have the problem. Thanks for the info. I'm sure there will be more questions to come. Rich KM5WX

5518. Re: TS 850 battery question

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-01-26 18:07:52 UTC
From: Clif
Topic: 5517 Message: 5518

Not really. Best to just look. Pull the battery away from the PCB and look closely at the seam on the back. Any trace of white powder and it needs to be replaced. Not necessary to unsolder it to check it.

Clif

--- In TS-850_450_690@yahoogroups.com, "cw073" <km5wx@...> wrote:
>
> This may have been answered a thousand times, but as a new member I
> hope you will humour me. Is there a serial no. range as to the "leaky
> battery" problem with the 850? I recently acquired an excellent
> condition rig that I really enjoy using and didn't want to have to
> take the covers off to check if there is another way of knowing if it
> may or may not have the problem. Thanks for the info. I'm sure there
> will be more questions to come. Rich KM5WX
>

5519. Re: [TS-850_450_690] TS 850 battery question

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-01-27 00:29:07 UTC
From: Toesonnose@hawaii.rr.com
Topic: 5517 Message: 5519

If the battery is over 5 years old CHANGE IT. They all leak after 5 years. do the remote mount mod. so if it does leak it will not destroy the traces on the board.

73 and Enjoy the great rig.
Roland AH6RR

----- Original Message -----
From: cw073 <km5wx@...>
Date: Friday, January 26, 2007 6:33 am
Subject: [TS-850_450_690] TS 850 battery question
To: TS-850_450_690@yahoogroups.com

> This may have been answered a thousand times, but as a new member I
> hope you will humour me. Is there a serial no. range as to the "leaky
> battery" problem with the 850? I recently acquired an excellent
> condition rig that I really enjoy using and didn't want to have to
> take the covers off to check if there is another way of knowing if it
> may or may not have the problem. Thanks for the info. I'm sure there
> will be more questions to come. Rich KM5WX
>
>

5520. Re: TS-850 with a dead reciever

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-01-27 02:36:58 UTC
From: Brian VA3DXV
Topic: 5471 Message: 5520

Just wanted to give a big thanks to those who replied. My 850 lives again, the culprit of course was indeed D31.

Thank You!

Now to track down that pesky carrier problem... 40 watts of carrier on SSB if I have the processor on... yuck.

5521. Re: [TS-850_450_690] TS 850 battery question

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-01-26 19:20:17 UTC
From: Paul
Topic: 5517 Message: 5521

my serial starts with 410xxxxxxxxx. Bought 1994, changed the battery which was shining new !!

Paul

cw073 <km5wx@...> wrote:
This may have been answered a thousand times, but as a new member I hope you will humour me. Is there a serial no. range as to the "leaky battery" problem with the 850? I recently acquired an excellent condition rig that I really enjoy using and didn't want to have to take the covers off to check if there is another way of knowing if it may or may not have the problem. Thanks for the info. I'm sure there will be more questions to come. Rich KM5WX

Don't get soaked. Take a quick peak at the forecast
with theYahoo! Search weather shortcut.

[Non-text portions of this message have been removed]

5522. Re: [TS-850_450_690] TS 850 battery question

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-01-28 00:55:47 UTC
From: Anthony W. DePrato WA4JQS
Topic: 5517 Message: 5522

>no it is the battery not the radio. and also there are two boards
>that the caps leak on . check this list for all the old info on this.

73 Tony

Anthony W. DePrato WA4JQS
QCWA # 23602 10X # 3621
A1-OP FISTS # 10573 VBA # 55 AMI # 1274
NCDXF # 1036 RNARS # 1309 SKCC # 1227
DXCC PHONE DXCC RTTY DXCC CW
Lis. 1962 Calls Held
VP8BZL VP8SSI 3Y0PI V31SS ZD8JQS
WA4JQS/ZS1 WA4JQS/4K1 WA4JQS/KC4

5523. 850 txco

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-01-28 18:54:50 UTC
From: Frederick Diehlman
Topic: 5523 Message: 5523

Thanks Clif,

I didn't know if the oscillator was encapsulated or what.
It sure is a stable son of a gun.

Dan AE6G
diehlman@...

5524. Re: [TS-850_450_690] TS 850 battery question

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-01-26 20:32:08 UTC
From: ve3wej gmail
Topic: 5517 Message: 5524

anybody have the black relay (k1) on the rf board , east coast shows it discontinued.

part # s76-0408-05

Cost????

----- Original Message -----
From: cw073
To: TS-850_450_690@yahoogroups.com
Sent: Thursday, January 25, 2007 8:31 PM
Subject: [TS-850_450_690] TS 850 battery question

This may have been answered a thousand times, but as a new member I hope you will humour me. Is there a serial no. range as to the "leaky battery" problem with the 850? I recently acquired an excellent condition rig that I really enjoy using and didn't want to have to take the covers off to check if there is another way of knowing if it may or may not have the problem. Thanks for the info. I'm sure there will be more questions to come. Rich KM5WX

[Non-text portions of this message have been removed]

5525. Re: [TS-850_450_690] kentrol

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-01-25 22:08:21 UTC
From: ve3wej gmail
Topic: 5515 Message: 5525

email them first, they may give you a correct address.....

----- Original Message -----
From: Allan
To: TS-850_450_690@yahoogroups.com
Sent: Thursday, January 25, 2007 8:44 AM
Subject: RE: [TS-850_450_690] kentrol

Hi Lee and all,

"RENVOI A L'EXPEDITEUR" is a french expression = " back to the sender "

Which address are you looking for ?

Maybe I can help you

Regards

Allan

> -----Message d'origine-----
> De : TS-850_450_690@yahoogroups.com [mailto:TS-
> 850_450_690@yahoogroups.com] De la part de Lee
> Envoyé : mercredi 24 janvier 2007 21:52
> À : TS-850_450_690@yahoogroups.com
> Objet : [TS-850_450_690] kentrol
>
> Well the letter I mailed to the developer of Kentrol was returned to me
> by the post office where he lived. It was marked "RENVOI A
> L'EXPEDITEUR"
> And I think my eyes have gone blurry or something, cuz I can't read
> that. I must have skipped school the day they taught that one.
> Anyways, he must have moved or something.
>
> Lee
>
>
>
> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
>
>
>

_____
Yahoo! Mail réinvente le mail ! Découvrez le nouveau Yahoo! Mail et son interface
révolutionnaire.

http://fr.mail.yahoo.com

[Non-text portions of this message have been removed]

5526. 450S External RX Antenna

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-01-30 01:57:27 UTC
From: k4zw
Topic: 5526 Message: 5526

Does anyone know of a way to connect an external RX antenna to a 450?

73
Ken K4ZW

5527. Re: [TS-850_450_690] 450S External RX Antenna

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-01-30 02:11:23 UTC
From: Tom Osborne
Topic: 5526 Message: 5527

I hooked one up to my '450 here using a relay to switch between the transmit antenna and receive antenna. In the closed position the receive antenna was hooked up and in the energized postition it was hooked up to the transmit antenna. Worked pretty good. 73
Tom W7WHY

> Does anyone know of a way to connect an external RX antenna to a 450?
>
> 73
> Ken K4ZW
>
>
>
> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
>
>
>
>

5529. Re: [TS-850_450_690] Photos posted

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-01-31 21:00:23 UTC
From: ve3wej gmail
Topic: 5529 Message: 5529

of what...

----- Original Message -----
From: w1nra
To: TS-850_450_690@yahoogroups.com
Sent: Wednesday, January 31, 2007 4:52 AM
Subject: [TS-850_450_690] Photos posted

I posted three of my best and latest photos in the file section.

Jerry / W1NRA

;-)

[Non-text portions of this message have been removed]

5530. TS-450 + Transverter

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-02-01 19:26:02 UTC
From: f4ckv
Topic: 5530 Message: 5530

Hi Friends,

Does anyone tried to use a transverter with a TS-450 ? I would like
to have informations about the modifications to add.

You can send mail directly to: f4ckv@...

thank you in advance

73 QRO de Pierre F4CKV

5531. Re: [TS-850_450_690] TS-450 + Transverter

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-02-01 20:54:08 UTC
From: ve3wej gmail
Topic: 5530 Message: 5531

It should work with all radios, but I have used the tentec 1208(i think) 6 meter transverter

----- Original Message -----
From: f4ckv
To: TS-850_450_690@yahoogroups.com
Sent: Thursday, February 01, 2007 2:26 PM
Subject: [TS-850_450_690] TS-450 + Transverter

Hi Friends,

Does anyone tried to use a transverter with a TS-450 ? I would like
to have informations about the modifications to add.

You can send mail directly to: f4ckv@...

thank you in advance

73 QRO de Pierre F4CKV

[Non-text portions of this message have been removed]

5532. ts690 relay HELP

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-02-02 20:47:05 UTC
From: ve3wej gmail
Topic: 5532 Message: 5532

apparently Kenwood has discontinued the s76-0405-05 relay designated k1 on the rf board. If anyone has a rf board with this relay intact, and wish to sell/give cheap....(cost of mailing>????) will take whole or part of board (finals not necessary) or if you know of the omron replacement that will fit exact... and a source for it.

VE3WEJ or VE3IE @ RAC.CA
Dave Garber

5533. TS450 + collins filter

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-02-03 09:21:07 UTC
From: rovntoma
Topic: 5533 Message: 5533

Hello guys
I got a very old collins mechanical filter from old Collins radio.
It is cylindrical 2,7khz upper SSB filter for 455khz type F 455 Z4
7437 and p/n 526 9364 00.Have 3+3 pins on sides.I try install it to my
450s for 455khz filter place.Performance is very miserable.Signals
9+30 is dropped to 3 over this filter.I tried all variations of filter
pin. conections(in,out,ground).I find proper pins on filter board from
manual 450.The filter give impedance 50 ohms between pins via
multimeter,but nothing impedance across the filter.Maybe the filter is
very old and non resonable,or electrical parameters ts450 are
incorrect for this one.Have somebody any idea?
Thanks Tom

5534. Wanted: TS-870 or FT-1000 or SG-2000

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-02-05 04:19:46 UTC
From: rfpexec
Topic: 5534 Message: 5534

Hi Gang,

I am looking for a good used TS-870. I will also consider a Yaesu FT-1000 (The 200 watt model) or an SGC SG-2000 (The model with the tuning knob.

I am located in the Denver area, but I will consider radios from anywhere in the lower 48 states.

If you have one of these items you would like to sell, please contact me at: marklinbuyer at gmail .com or 303-674-0510.

Thank you,

Bill k0owo

5535. TS-850 Roofing filter.

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-02-06 00:50:27 UTC
From: observer35
Topic: 5535 Message: 5535

Hello All,

International Radio, the supplier of inrad filters, offers a so-called VHF roofing filter for the TS-850 as well as for other transceivers with 70 MHz first IF's. (70.05 In case of the TS-850/950)

The offered kit is just a filter from what I understand, no installation instructions , gain loss compensation or measurements.

Has anybody experiences or any thoughts about this?

A good roofing filter is perhaps the main factor that sets the 850 apart from the high priced newer transceivers.

73 Rein AE6ZP

5536. Re: [TS-850_450_690] TS-850 Roofing filter.

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-02-06 03:42:32 UTC
From: crownhaven
Topic: 5535 Message: 5536

Could you tell me where, on the IRC site, the roofing filter for the 850
is listed? I can't find it. Maybe paste the info into a message here.

Thanks,

Steve, N4JQQ

observer35 wrote:

> Hello All,
>
> International Radio, the supplier of inrad filters, offers a so-called
> VHF roofing filter for the TS-850 as well as for other transceivers
> with 70 MHz first IF's. (70.05 In case of the TS-850/950)
>
> The offered kit is just a filter from what I understand, no installation
> instructions , gain loss compensation or measurements.
>
> Has anybody experiences or any thoughts about this?
>
> A good roofing filter is perhaps the main factor that sets the 850 apart
> from the high priced newer transceivers.
>
> 73 Rein AE6ZP
>
>

5537. Re: [TS-850_450_690] TS-850 Roofing filter.

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-02-06 04:01:13 UTC
From: WN9D
Topic: 5535 Message: 5537

Hello All,

I'm still looking an explanation of what exactly a roofing filter is and how it functions.

Thanks and '73,
Randy WN9D

----- Original Message -----
From: crownhaven
To: TS-850_450_690@yahoogroups.com
Sent: Monday, February 05, 2007 9:42 PM
Subject: Re: [TS-850_450_690] TS-850 Roofing filter.

Could you tell me where, on the IRC site, the roofing filter for the 850
is listed? I can't find it. Maybe paste the info into a message here.

Thanks,

Steve, N4JQQ

observer35 wrote:

> Hello All,
>
> International Radio, the supplier of inrad filters, offers a so-called
> VHF roofing filter for the TS-850 as well as for other transceivers
> with 70 MHz first IF's. (70.05 In case of the TS-850/950)
>
> The offered kit is just a filter from what I understand, no installation
> instructions , gain loss compensation or measurements.
>
> Has anybody experiences or any thoughts about this?
>
> A good roofing filter is perhaps the main factor that sets the 850 apart
> from the high priced newer transceivers.
>
> 73 Rein AE6ZP
>
>

[Non-text portions of this message have been removed]

5538. Roofing filter.

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-02-06 08:29:39 UTC
From: Tracey Gardner
Topic: 5538 Message: 5538

Hi Randy

I always find Google a great help

http://www.vinecom.co.uk/roofing.html

http://en.wikipedia.org/wiki/Roofing_filter

http://www.radio-electronics.com/info/receivers/filters/filter_options.php

73s Tracey G5VU

> I'm still looking an explanation of what exactly a roofing filter is and
> how it functions.
>
> Thanks and '73,
> Randy WN9D

5539. Re: [TS-850_450_690] TS-850 Roofing filter.

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-02-06 04:11:22 UTC
From: Rein A. Smit
Topic: 5535 Message: 5539

Hello Steve,

The info is here:

http://www.qth.com/inrad/

Page header: "Crystal Filters"

Look under "Filters for Experimenters" and "VHF Filters (for
experimenters)"

Then under "73.05 MHz and TS-850/TS-950SDX"

Hope this helps.

73 Rein AE6ZP , PA0ZN

> [Original Message]
> From: crownhaven <crownhaven@...>
> To: <TS-850_450_690@yahoogroups.com>
> Date: 2/5/2007 7:48:06 PM
> Subject: Re: [TS-850_450_690] TS-850 Roofing filter.
>
> Could you tell me where, on the IRC site, the roofing filter for the 850
> is listed? I can't find it. Maybe paste the info into a message here.
>
> Thanks,
>
> Steve, N4JQQ
>
> observer35 wrote:
>
> > Hello All,
> >
> > International Radio, the supplier of inrad filters, offers a so-called
> > VHF roofing filter for the TS-850 as well as for other transceivers
> > with 70 MHz first IF's. (70.05 In case of the TS-850/950)
> >
> > The offered kit is just a filter from what I understand, no installation
> > instructions , gain loss compensation or measurements.
> >
> > Has anybody experiences or any thoughts about this?
> >
> > A good roofing filter is perhaps the main factor that sets the 850 apart
> > from the high priced newer transceivers.
> >
> > 73 Rein AE6ZP

> >
> >
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>
>
> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
>
>
>

5540. Re: [TS-850_450_690] TS-850 Roofing filter.

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-02-06 05:05:58 UTC
From: Rein A. Smit
Topic: 5535 Message: 5540

Hello Randy,

There are many places where you can find good descriptions about
"roofing filter"

http://en.wikipedia.org/wiki/Roofing_filter

I will give another short one here.

Most modern receivers have a front-end consisting out of a mixer and
a crystal filter and a second mixer following the first..
Look also for "high" and "low level" mixers.
The newer designs have a mixer and mix up to an IF anywhere from 40 to
70 MHz
This makes the mixing easier vs like using an IF of 9 MHz, 1.6 MHz or
even 455 as
a first IF. It also makes continuous coverage easier to accomplish. (
100 KHz to 30 or 60 MHz)

Mixing is not always a clean process and particular is one is
receiving strong signals
(like in contests or on 40 meters to give just an example)
In such a case the mixer might produce other than just the sum or
difference of the
incoming signal and the LO. Particular if the More than one strong
signals are
in the pass band of the first filter. It is hard and relative
expensive to build a
40 or 70 MHz filter with a narrow pass band , such as 2.1 kHz or even
500 Hz
pass band. There is another point the newer transceivers and even the
850
lets you receive FM. and that is another reason why the first filter
is often
15 or even 20 KHz wide.
In order to protect the 2d mixer against internally generated signals
in the 1 St
mixing process one likes to have the first filter as narrow as
possible IE,
2.1 kHz for SSB and 500 Hz or less for cw. instead of the 20 kHz as
some of the receivers have.
For receivers with the IF in the 5 to 9 MHz this problem is different
as it is
easier to build filters at the frequencies in the required bandwidths.
such as Tentec and the like.

So an after market developed for roofing filters as replacements for
the
first IF filters.

You might search for W8IJ and Sherwood engineering (see Drake R4C
and
600 Hz roofing filter) and you will find more detailed explanations
for the
these effects

Hope this helps

> [Original Message]
> From: WN9D <wn9d@...>
> To: <TS-850_450_690@yahoogroups.com>
> Date: 2/5/2007 8:01:17 PM
> Subject: Re: [TS-850_450_690] TS-850 Roofing filter.
>
> Hello All,
>
> I'm still looking an explanation of what exactly a roofing filter is and
how it functions.
>
> Thanks and '73,
> Randy WN9D
>
>
> ----- Original Message -----
> From: crownhaven
> To: TS-850_450_690@yahoogroups.com
> Sent: Monday, February 05, 2007 9:42 PM
> Subject: Re: [TS-850_450_690] TS-850 Roofing filter.
>
>
> Could you tell me where, on the IRC site, the roofing filter for the
850
> is listed? I can't find it. Maybe paste the info into a message here.
>
> Thanks,
>
> Steve, N4JQQ
>
> observer35 wrote:
>
> > Hello All,
> >
> > International Radio, the supplier of inrad filters, offers a so-called
> > VHF roofing filter for the TS-850 as well as for other transceivers
> > with 70 MHz first IF's. (70.05 In case of the TS-850/950)
> >
> > The offered kit is just a filter from what I understand, no
installation

> > instructions , gain loss compensation or measurements.
> >
> > Has anybody experiences or any thoughts about this?
> >
> > A good roofing filter is perhaps the main factor that sets the 850
apart
> > from the high priced newer transceivers.
> >
> > 73 Rein AE6ZP
> >
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>
> [Non-text portions of this message have been removed]
>
>
>
> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
>
>
>

5541. TS-850 Roofing filter.

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-02-06 16:46:21 UTC
From: observer35
Topic: 5535 Message: 5541

Hi Steve,

On the cw filters, there is quite some info available on the internet.
If you Google for "Inrad 103, 104, TS-850" you will find all sorts of
experiences, mostly quite positive.

I just bought an Inrad 70.05 MHz CW filter , 400 Hz BW and will let
you know about my experiences.

I see the roofing filter issue as a more important one.

Here are some of the links:

http://www.sherweng.com/table.html ["Sherwood" sorry]
http://www.w8ji.com/receivers.htm
http://www.w8ji.com/receiver%20IM3%20sorted.htm
http://www.arrl.org/tis/info/pdf/020910qex036.pdf
http://www.sherweng.com/ham.html

73 Rein, AE5ZP

5542. Re: [TS-850_450_690] TS-850 Roofing filter.

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-02-06 17:21:20 UTC
From: Bill Maddock
Topic: 5535 Message: 5542

Group,

The big problem with a 400 hz - 73.05 Mhz filter is the the radio will be unusable on SSB - Typical 73 Mhz filter for 1st IF is 15 Mhz - so that it will accomadate AM.
You will need to be able to switch this filter in and out to make it work on anything other than CW. Do a search on Google for Sherwood engineering and see what he says about roofing filters!. In any rate I am curious to know the results! A switchable Roofing filter for
the TS-850S would make it a very competive radio!

73,

Bill N4ZI

observer35 <rein0zn@...> wrote:
Hi Steve,

On the cw filters, there is quite some info available on the internet.
If you Google for "Inrad 103, 104, TS-850" you will find all sorts of
experiences, mostly quite positive.

I just bought an Inrad 70.05 MHz CW filter , 400 Hz BW and will let
you know about my experiences.

I see the roofing filter issue as a more important one.

Here are some of the links:

http://www.sherweng.com/table.html ["Sherwood" sorry]
http://www.w8ji.com/receivers.htm
http://www.w8ji.com/receiver%20IM3%20sorted.htm
http://www.arrl.org/tis/info/pdf/020910qex036.pdf
http://www.sherweng.com/ham.html

73 Rein, AE5ZP

Finding fabulous fares is fun.
Let Yahoo! FareChase search your favorite travel sites to find flight and hotel bargains.

[Non-text portions of this message have been removed]

5543. Re: [TS-850_450_690] TS-850 Roofing filter.

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-02-06 18:03:40 UTC
From: Zack Widup
Topic: 5535 Message: 5543

Do you mean 15 kHz wide? I'm interested in adding one to my TS-850.

Zack W9SZ

On Tue, 6 Feb 2007, Bill Maddock wrote:

> Group,
>
> The big problem with a 400 hz - 73.05 Mhz filter is the the radio will be unusable on
> SSB - Typical 73 Mhz filter for 1st IF is 15 Mhz - so that it will accomadate AM.
> You will need to be able to switch this filter in and out to make it work on anything
other than CW. Do a search on Google for Sherwood engineering and see what he says about
> roofing filters!. In any rate I am curious to know the results! A switchable Roofing
filter for
> the TS-850S would make it a very competive radio!
>
> 73,
>
> Bill N4ZI
>
> observer35 <rein0zn@...> wrote:
> Hi Steve,
>
>
> On the cw filters, there is quite some info available on the internet.
> If you Google for "Inrad 103, 104, TS-850" you will find all sorts of
> experiences, mostly quite positive.
>
> I just bought an Inrad 70.05 MHz CW filter , 400 Hz BW and will let
> you know about my experiences.
>

5544. Re: [TS-850_450_690] TS-850 Roofing filter.

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-02-06 17:57:56 UTC
From: Rein A. Smit
Topic: 5535 Message: 5544

Hi Bill,

You are right. It transforms the receiver in a CW receiver only that is with a 400 Hz roofing filter,
The inrad 103 is a 8 MHZ filter and can be selected from the 8 MHz filter switch.

The roofing filter I am trying to get experiences from has the following specs.

Bandwidth : 5 kHz typical
Insertion loss: 5 dB typical
Case: Shown below

Input/Output match: 50 Ohms
Operating level: 0 dBm maximum
Isolation: -60 dB typical

This would probably effect the SSB behavior some what but would be acceptable
and of course it would nor be as good as a 400 Hz Bandwidth filter.
I don't know of any 70 MHz center freq. filters with that kind of bandwidth < 1 kHz
The much installed roofing filters for the Yaesu FT-1000xxx transceivers are also > 1 kHz

From the IRC web page:

" We also have a Roofing Filter mod which has a steep sided, 4 to 5 kHz bandwidth filter plus an
amplifier which makes up for the filter insertion loss. This mod has much of the benefit of the I.F.
mod and in addition it reduces the close in IMD. This is particularly important for stations with
big antennas or stations which regularly receive loud signals. "

I believe that for the Yaesu and other receivers IRC, has done the design and made the measurements
and for the TS-850 they have not done so.

73 Rein AE6ZP - PA0ZN

> [Original Message]
> From: Bill Maddock <n4zi96@...>
> To: <TS-850_450_690@yahoogroups.com>
> Date: 2/6/2007 9:21:32 AM
> Subject: Re: [TS-850_450_690] TS-850 Roofing filter.

>
> Group,
>
> The big problem with a 400 hz - 73.05 Mhz filter is the the radio
will be unusable on
> SSB - Typical 73 Mhz filter for 1st IF is 15 Mhz - so that it will
accomadate AM.
> You will need to be able to switch this filter in and out to make it
work on anything other than CW. Do a search on Google for Sherwood
engineering and see what he says about
> roofing filters!. In any rate I am curious to know the results! A
switchable Roofing filter for
> the TS-850S would make it a very competive radio!
>
> 73,
>
> Bill N4ZI
>
> observer35 <rein0zn@...> wrote:
> Hi Steve,
>
>
> On the cw filters, there is quite some info available on the internet.
> If you Google for "Inrad 103, 104, TS-850" you will find all sorts of
> experiences, mostly quite positive.
>
> I just bought an Inrad 70.05 MHz CW filter , 400 Hz BW and will let
> you know about my experiences.
>
> I see the roofing filter issue as a more important one.
>
> Here are some of the links:
>
> http://www.sherweng.com/table.html ["Sherwood" sorry]
> http://www.w8ji.com/receivers.htm
> http://www.w8ji.com/receiver%20IM3%20sorted.htm
> http://www.arrl.org/tis/info/pdf/020910qex036.pdf
> http://www.sherweng.com/ham.html
>
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> 73 Rein, AE5ZP
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> ---------------------------------
> Finding fabulous fares is fun.

> Let Yahoo! FareChase search your favorite travel sites to find flight and hotel bargains.
>
> [Non-text portions of this message have been removed]
>
>
>
> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
>
>
>

5545. Re: [TS-850_450_690] TS-850 Roofing filter.

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-02-06 18:28:27 UTC
From: Tom LeClerc W1TJL
Topic: 5535 Message: 5545

Inrad is currently working on a roofing filter kit for the TS-950 SDX. That is very close to the 850 so that might be an option. I am told it will be available around June this year... Yes, I plan on purchasing a kit as SOON as it is available...

73, Tom W1TJL

--
Tom LeClerc, Amateur Radio Station W1TJL
(past calls WB1CBY, /VE8,XL8,VO1)

LeClerc Consulting
email: w1tjl@...
PC/Network Consulting

[Non-text portions of this message have been removed]

5546. Re: [TS-850_450_690] TS-850 Roofing filter.

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-02-06 18:48:46 UTC
From: Rein A. Smit
Topic: 5535 Message: 5546

Hi Tom,

Thanks for that info.Let's hope it wil be June.

73 Rein AE6ZP

> [Original Message]
> From: Tom LeClerc W1TJL <w1tjl@...>
> To: <TS-850_450_690@yahoogroups.com>
> Date: 2/6/2007 10:29:50 AM
> Subject: Re: [TS-850_450_690] TS-850 Roofing filter.
>
> Inrad is currently working on a roofing filter kit for the TS-950 SDX.
That
> is very close to the 850 so that might be an option. I am told it will be
> available around June this year... Yes, I plan on purchasing a kit as
SOON
> as it is available...
>
> 73, Tom W1TJL
>
> --
> Tom LeClerc, Amateur Radio Station W1TJL
> (past calls WB1CBY, /VE8,XL8,VO1)
>
> LeClerc Consulting
> email: w1tjl@...
> PC/Network Consulting
>
>
> [Non-text portions of this message have been removed]
>
>
>
> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
>
>
>

5547. Re: [TS-850_450_690] TS-850 Roofing filter.

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-02-06 19:38:39 UTC
From: Tom LeClerc W1TJL
Topic: 5535 Message: 5547

I spoke to George and he is working on it after his ("retirement". :-)
That's the dates he tells me. It woouldn't hurt for some of you 850, 690,
450 owners to express and interest over there at Inrad... I have a 690SAT
also so if it will work on the 850 it most likely will work on the 690...

On 2/6/07, Rein A. Smit <rein0zn@...> wrote:
>
>
> Hi Tom,
>
> Thanks for that info.Let's hope it wil be June.
>
> 73 Rein AE6ZP
>
> > [Original Message]
> > From: Tom LeClerc W1TJL <w1tjl@... <w1tjl%40arrl.net>>
> > To: <TS-850_450_690@yahoogroups.com <TS-850_450_690%40yahoogroups.com>>
> > Date: 2/6/2007 10:29:50 AM
> > Subject: Re: [TS-850_450_690] TS-850 Roofing filter.
> >
> > Inrad is currently working on a roofing filter kit for the TS-950 SDX.
> That
> > is very close to the 850 so that might be an option. I am told it will
> be
> > available around June this year... Yes, I plan on purchasing a kit as
> SOON
> > as it is available...
> >
> > 73, Tom W1TJL
> >
> > --
> > Tom LeClerc, Amateur Radio Station W1TJL
> > (past calls WB1CBY, /VE8,XL8,VO1)
> >
> > LeClerc Consulting
> > email: w1tjl@... <w1tjl%40arrl.net>
> > PC/Network Consulting
> >
> >
> > [Non-text portions of this message have been removed]
> >
> >
> >
> > THANKS FOR USING TS-850_450_690@...<TS-850_450_690%40YAHOOGROUPS.COM>
> > Yahoo! Groups Links

> >
> >
> >
>
>
>

--
Tom LeClerc, Amateur Radio Station W1TJL
(past calls WB1CBY, /VE8,XL8,VO1)

LeClerc Consulting
email: w1tjl@...
PC/Network Consulting

[Non-text portions of this message have been removed]

5548. Re: [TS-850_450_690] TS-850 Roofing filter.

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-02-06 19:50:22 UTC
From: Bill Maddock
Topic: 5535 Message: 5548

Correct Zack 15 khz is factory - I know I said Mhz Hi Hi!

Zack Widup <w9sz@...> wrote:
Do you mean 15 kHz wide? I'm interested in adding one to my TS-850.

Zack W9SZ

On Tue, 6 Feb 2007, Bill Maddock wrote:

> Group,
>
> The big problem with a 400 hz - 73.05 Mhz filter is the the radio will be unusable on
> SSB - Typical 73 Mhz filter for 1st IF is 15 Mhz - so that it will accomadate AM.
> You will need to be able to switch this filter in and out to make it work on anything
other than CW. Do a search on Google for Sherwood engineering and see what he says about
> roofing filters!. In any rate I am curious to know the results! A switchable Roofing
filter for
> the TS-850S would make it a very competive radio!
>
> 73,
>
> Bill N4ZI
>
> observer35 <rein0zn@...> wrote:
> Hi Steve,
>
>
> On the cw filters, there is quite some info available on the internet.
> If you Google for "Inrad 103, 104, TS-850" you will find all sorts of
> experiences, mostly quite positive.
>
> I just bought an Inrad 70.05 MHz CW filter , 400 Hz BW and will let
> you know about my experiences.
>

Never miss an email again!
Yahoo! Toolbar alerts you the instant new Mail arrives. Check it out.

[Non-text portions of this message have been removed]

5549. Re: TS-850S Roofing Filter.

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-02-06 23:13:58 UTC
From: steveg@mtaonline.net
Topic: 5549 Message: 5549

All,
It seems as though the applicable TS-850 series experimenter's roofing filter from INRAD has a 5 KHz bandwidth centered at 73.05 MHz. This is perfect for those interested in SSB and narrower modes. In a salable form, this would be quite an upgrade! I've already voiced my interest if one comes available in coming months.

73 de Steve, NL7W
Palmer, AK

"You see, wire telegraph is a kind of a very, very long cat. You pull his tail in New York and his head is meowing in Los Angeles. Do you understand this? And radio operates exactly the same way: you send signals here, they receive them there. The only difference is that there is no cat.☐
☐ Albert Einstein, explaining radio.

-----Original Message-----
From: TS-850_450_690@yahoogroups.com
[mailto:TS-850_450_690@yahoogroups.com] On Behalf Of Zack Widup
Sent: Tuesday, February 06, 2007 10:04 AM
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] TS-850 Roofing filter.

Do you mean 15 kHz wide? I'm interested in adding one to my TS-850.

Zack W9SZ

On Tue, 6 Feb 2007, Bill Maddock wrote:

> Group,
>
> The big problem with a 400 hz - 73.05 Mhz filter is the radio will be unusable on
> SSB - Typical 73 Mhz filter for 1st IF is 15 Mhz - so that it will accommodate AM.
> You will need to be able to switch this filter in and out to make it work on anything other than CW. Do a search on Google for Sherwood engineering and see what he says about
> roofing filters!. In any rate I am curious to know the results! A switchable Roofing filter for
> the TS-850S would make it a very completive radio!
>
> 73,
>
> Bill N4ZI
>

> observer35 <rein0zn@....com> wrote:
> Hi Steve,
>
>
> On the cw filters, there is quite some info available on the internet.
> If you Google for "Inrad 103, 104, TS-850" you will find all sorts of
> experiences, mostly quite positive.
>
> I just bought an Inrad 70.05 MHz CW filter , 400 Hz BW and will let
> you know about my experiences.

---
myhosting.com - Premium Microsoft® Windows® and Linux web and application
hosting - http://link.mail2web.com/myhosting

5550. Re: [TS-850_450_690] Re: TS-850S Roofing Filter.

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-02-06 23:41:13 UTC
From: n7ioh
Topic: 5549 Message: 5550

If you don't use FM at all then a 6KHz or 8KHz would work for AM and narrower modes. If you don't do AM or FM then something in the 3KHz range would work good for SSB and narrower modes. This is my understanding anyways. If you could set your radio up so you could select from several different roofing filters, this might be the best choice. I know on the Drake R-4C if you go too narrow on the roofing filter you will run into pumping. This happens when some opeators replace the 8KHz roofing filter for a 6KHz filter. Some have found that just going with a better roofing filter has helped a lot with the Drakes.

Al, n7ioh

--- "steveg@..." <steveg@...>
wrote:

> All,
> It seems as though the applicable TS-850 series
> experimenter's roofing
> filter from INRAD has a 5 KHz bandwidth centered at
> 73.05 MHz. This is
> perfect for those interested in SSB and narrower
> modes. In a salable form,
> this would be quite an upgrade! I've already voiced
> my interest if one
> comes available in coming months.
>
> 73 de Steve, NL7W
> Palmer, AK
>

5551. RE: [TS-850_450_690] TS-850 Roofing filter.

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-02-07 00:22:29 UTC
From: jaking
Topic: 5535 Message: 5551

Look at the 940 yahoo groups, DF5KF

Has produced spectrum analyser plots of 940 standard and

IRD roofing filters.

Most interesting publication on Kenwood filters in 10 years.

Tells you how to fit a roofing filter to your radio.

Jeff ZL4Ai

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of Tom LeClerc W1TJL
Sent: Wednesday, 7 February 2007 8:39 a.m.
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] TS-850 Roofing filter.

I spoke to George and he is working on it after his ("retirement". :-)
That's the dates he tells me. It woouldn't hurt for some of you 850, 690,
450 owners to express and interest over there at Inrad... I have a 690SAT
also so if it will work on the 850 it most likely will work on the 690...

On 2/6/07, Rein A. Smit <rein0zn@.... <mailto:rein0zn%40ix.netcom.com>
com> wrote:
>
>
> Hi Tom,
>
> Thanks for that info.Let's hope it wil be June.
>
> 73 Rein AE6ZP
>
> > [Original Message]
> > From: Tom LeClerc W1TJL <w1tjl@... <mailto:w1tjl%40arrl.net>
<w1tjl%40arrl.net>>
> > To: <TS-850_450_690@ <mailto:TS-850_450_690%40yahoogroups.com>
yahoogroups.com <TS-850_450_690%40yahoogroups.com>>
> > Date: 2/6/2007 10:29:50 AM
> > Subject: Re: [TS-850_450_690] TS-850 Roofing filter.
> >
> > Inrad is currently working on a roofing filter kit for the TS-950 SDX.
> That
> > is very close to the 850 so that might be an option. I am told it will
> be

> > available around June this year... Yes, I plan on purchasing a kit as
> SOON
> > as it is available...
> >
> > 73, Tom W1TJL
> >
> > --
> > Tom LeClerc, Amateur Radio Station W1TJL
> > (past calls WB1CBY, /VE8,XL8,VO1)
> >
> > LeClerc Consulting
> > email: w1tjl@... <mailto:w1tjl%40arrl.net> <w1tjl%40arrl.net>
> > PC/Network Consulting
> >
> >
> > [Non-text portions of this message have been removed]
> >
> >
> >
> > THANKS FOR USING TS-850_450_690@
<mailto:TS-850_450_690%40YAHOOGROUPS.COM>
YAHOOGROUPS.COM<TS-850_450_690%40YAHOOGROUPS.COM>
> > Yahoo! Groups Links
> >
> >
> >
>
>
>

--
Tom LeClerc, Amateur Radio Station W1TJL
(past calls WB1CBY, /VE8,XL8,VO1)

LeClerc Consulting
email: w1tjl@... <mailto:w1tjl%40arrl.net>
PC/Network Consulting

[Non-text portions of this message have been removed]

--
No virus found in this incoming message.
Checked by AVG Free Edition.
Version: 7.5.432 / Virus Database: 268.17.27/671 - Release Date: 5/02/2007
4:48 p.m.

[Non-text portions of this message have been removed]

5552. TS-450 need help. Very low receive audio

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-02-07 00:11:50 UTC
From: ron
Topic: 5552 Message: 5552

I have a TS-450 and everything seems fine except the receive audio. If you put your ear close enough to the speaker you can bearly hear the audio, but it is receiving signals. This is with the AF and RF turned fully clockwise. I have just got this radio used so I could be doing something wrong but I don't think so. I've owned similiar radios in the past. Does anyone have any suggestion as to what I may be doing wrong. Or have any ideas as to what might be the cause internally? What part to check or replace? If checking a part, what to check for? Any troubleshooting methonds? I do have the operators manual. Thank's

5553. TS-450 need help. Very low receive audio

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-02-07 00:47:48 UTC
From: ron
Topic: 5552 Message: 5553

I just wanted to add regarding my previous post that I seem to have good strong receive signals on the meter display, but my audio volume is very very low. Any help appreciated. Thank's

5554. Re: [TS-850_450_690] TS-450 need help. Very low receive audio

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-02-07 01:39:03 UTC
From: DaveH
Topic: 5552 Message: 5554

I know this is stupid, but is the squelch open?
David R. Henry LME
Licensed Master Electrician
Amateur Radio W2DRH
Member ARRL
Accredited Instructor

----- Original Message -----
From: "ron" <sale_2_u@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Tuesday, February 06, 2007 7:11 PM
Subject: [TS-850_450_690] TS-450 need help. Very low receive audio

>I have a TS-450 and everything seems fine except the receive audio. If
> you put your ear close enough to the speaker you can bearly hear the
> audio, but it is receiving signals. This is with the AF and RF turned
> fully clockwise. I have just got this radio used so I could be doing
> something wrong but I don't think so. I've owned similiar radios in the
> past. Does anyone have any suggestion as to what I may be doing wrong.
> Or have any ideas as to what might be the cause internally? What part
> to check or replace? If checking a part, what to check for? Any
> troubleshooting methonds? I do have the operators manual. Thank's
>
>
>
> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
>
>
>
>

5555. Re: [TS-850_450_690] TS-450 need help. Very low receive audio

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-02-07 01:54:41 UTC
From: DaveH
Topic: 5552 Message: 5555

I know I mentioned the squelch previously. But did you plug in an external
speaker to see what happens?
David R. Henry LME
Licensed Master Electrician
Amateur Radio W2DRH
Member ARRL
Accredited Instructor

----- Original Message -----
From: "ron" <sale_2_u@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Tuesday, February 06, 2007 7:47 PM
Subject: [TS-850_450_690] TS-450 need help. Very low receive audio

>I just wanted to add regarding my previous post that I seem to have
> good strong receive signals on the meter display, but my audio volume
> is very very low. Any help appreciated. Thank's
>
>
>
> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
>
>
>
>

5556. Re: TS-450 need help. Very low receive audio

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-02-07 02:25:52 UTC
From: senat0r215i
Topic: 5552 Message: 5556

--- In TS-850_450_690@yahoogroups.com, "ron" <sale_2_u@...> wrote:
>
> I just wanted to add regarding my previous post that I seem to have
> good strong receive signals on the meter display, but my audio volume
> is very very low. Any help appreciated. Thank's
>
plug in a pair of head phones and see if it works if it does the
speaker is faulty
if the head phones have the same fault its the radio
vk2jas

5557. Re: TS-450 need help. Very low receive audio

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-02-07 02:56:51 UTC
From: ron
Topic: 5552 Message: 5557

Thank's for the replies. I have checked the squelch and I have
plugged in an external speaker and headphones witht the same results.
I can see strong signals on the meter, I can barely hear the audio,
but it is readable. I can hear whats being broadcast if it's loud
enough.--- In TS-850_450_690@yahoogroups.com, "DaveH" <w2drh@...>
wrote:
>
> I know I mentioned the squelch previously. But did you plug in an
external
> speaker to see what happens?
> David R. Henry LME
> Licensed Master Electrician
> Amateur Radio W2DRH
> Member ARRL
> Accredited Instructor
>
> ----- Original Message -----
> From: "ron" <sale_2_u@...>
> To: <TS-850_450_690@yahoogroups.com>
> Sent: Tuesday, February 06, 2007 7:47 PM
> Subject: [TS-850_450_690] TS-450 need help. Very low receive audio
>
>
> >I just wanted to add regarding my previous post that I seem to have
> > good strong receive signals on the meter display, but my audio
volume
> > is very very low. Any help appreciated. Thank's
> >
> >
> >
> > THANKS FOR USING TS-850_450_690@...
> > Yahoo! Groups Links
> >
> >
> >
> >
>

5558. Re: TS-450 need help. Very low receive audio

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-02-07 03:04:07 UTC
From: ron
Topic: 5552 Message: 5558

I also want to ad that this was mailed to me. Supposedly it was fine when it was shipped. So if someone can think of something that might have been knocked loose I might check, if that's even likely. I have checked the squelch and the ext speaker/headphones and have the same results.--- In TS-850_450_690@yahoogroups.com, "DaveH" <w2drh@...> wrote:
>
> I know I mentioned the squelch previously. But did you plug in an external
> speaker to see what happens?
> David R. Henry LME
> Licensed Master Electrician
> Amateur Radio W2DRH
> Member ARRL
> Accredited Instructor
>
> ----- Original Message -----
> From: "ron" <sale_2_u@...>
> To: <TS-850_450_690@yahoogroups.com>
> Sent: Tuesday, February 06, 2007 7:47 PM
> Subject: [TS-850_450_690] TS-450 need help. Very low receive audio
>
>
> >I just wanted to add regarding my previous post that I seem to have
> > good strong receive signals on the meter display, but my audio volume
> > is very very low. Any help appreciated. Thank's
> >
> >
> >
> > THANKS FOR USING TS-850_450_690@...
> > Yahoo! Groups Links
> >
> >
> >
> >
>

5559. TS-450 need help. Very low receive audio

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-02-07 03:23:44 UTC
From: ron
Topic: 5552 Message: 5559

Does this radio require a microphone for the receive audio to work properly? The mic with it is a Kenwood MC-35S with a 4 pin plug attached to a 4pin to 8pin adapter which is plugged into the radio.

5560. Re: TS-450 need help. Very low receive audio

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-02-07 12:25:16 UTC
From: ve9xyz
Topic: 5552 Message: 5560

No - This rig will work fine on Rx without any mike. There is a fixed audio output at the accessory jack on the rear panel, and for now you could hook up a decent PC-speaker/amp system there and start checking out the rig for any other clues. Presuming thet the constant-level preampo out is fine, you could take your time with a scope and troubleshoot the Audio amp system.

Worst case is the whole amp is shot and if so, it may be practical to bypass the amp with a suitable amp circuit that you install between the volume control and the speaker, and troubleshoot the amp carefully. Check power supplies ariund the AF amp, and suspect capacitors.

Good luck

Kevin VE9XYZ

--- In TS-850_450_690@yahoogroups.com, "ron" <sale_2_u@...> wrote:
>
> Does this radio require a microphone for the receive audio to work
> properly? The mic with it is a Kenwood MC-35S with a 4 pin plug
> attached to a 4pin to 8pin adapter which is plugged into the radio.
>

5561. TS-690 Filter Help Needed

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-02-07 15:58:44 UTC
From: genesisjoe2001
Topic: 5561 Message: 5561

I just picked up a very nice used 690 with no additional fliters.
I prefer CW but operate a bit of SSB.
I need some advice as to whaich filters to add.
Which 500 Hz CW fliter should I get and should I cascade to CW fliters
or put one CW filter and one SSB fliter in it.
I don't have the istruction manual yet but as I understand you only
have two filter slots correct?
Thanks in advance for any advice.
Joe AA5HP

5562. Re: TS-450 need help. Very low receive audio

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-02-07 16:59:49 UTC
From: o19at052
Topic: 5552 Message: 5562

Hello, in whitch mode do u receive??? ssb??? then don't rf gain full clockwise

73 Bettus PD3DX

--- In TS-850_450_690@yahoogroups.com, "ron" <sale_2_u@...> wrote:
>
> I have a TS-450 and everything seems fine except the receive audio. If
> you put your ear close enough to the speaker you can bearly hear the
> audio, but it is receiving signals. This is with the AF and RF turned
> fully clockwise. I have just got this radio used so I could be doing
> something wrong but I don't think so. I've owned similiar radios in the
> past. Does anyone have any suggestion as to what I may be doing wrong.
> Or have any ideas as to what might be the cause internally? What part
> to check or replace? If checking a part, what to check for? Any
> troubleshooting methonds? I do have the operators manual. Thank's
>

5563. Re: TS-450 need help. Very low receive audio

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-02-07 17:40:20 UTC
From: Clif
Topic: 5552 Message: 5563

Most likely:

C104 in the IF unit has leaked and damaged the traces. If you don't
have a manual I will post pictures of where it is.

Clif

--- In TS-850_450_690@yahoogroups.com, "ron" <sale_2_u@...> wrote:
>
> I have a TS-450 and everything seems fine except the receive audio. If
> you put your ear close enough to the speaker you can bearly hear the
> audio, but it is receiving signals. This is with the AF and RF turned
> fully clockwise. I have just got this radio used so I could be doing
> something wrong but I don't think so. I've owned similiar radios in the
> past. Does anyone have any suggestion as to what I may be doing wrong.
> Or have any ideas as to what might be the cause internally? What part
> to check or replace? If checking a part, what to check for? Any
> troubleshooting methonds? I do have the operators manual. Thank's
>

5564. Re: TS-690 Filter Help Needed

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-02-07 17:54:38 UTC
From: Clif
Topic: 5561 Message: 5564

The 450/690 has 2 filter slots in the 8.8 IF and 1 in the 455 IF. In filters always start with the closest to the antenna. The earlier you can cut out excess garbage the better. In this case the 8.8 IF. You can use any of the plug-in 8.8 filters which are identified in the PN by a -1 at the end. YK88SN-1, 1.8kHz Narrow SSB. YK88C-1 500hz CW. YK88CN-1 270hz CW. In the 455 side again use the -1 filters. YG455C-1 500hz CW. YG455CN-1 270hz CW.

Most hams use the YK88SN-1 and YK88C-1 combo with the YG455C-1 in the 455 IF.

If you're not a CW operator then just the narrow SSB. If you want to try the digital modes (PSK-31 etc) add a YK88C-1.

Clif

--- In TS-850_450_690@yahoogroups.com, "genesisjoe2001" <caludaj@...> wrote:
>
> I just picked up a very nice used 690 with no additional fliters.
> I prefer CW but operate a bit of SSB.
> I need some advice as to whaich filters to add.
> Which 500 Hz CW fliter should I get and should I cascade to CW fliters
> or put one CW filter and one SSB fliter in it.
> I don't have the istruction manual yet but as I understand you only
> have two filter slots correct?
> Thanks in advance for any advice.
> Joe AA5HP
>

5565. CAT interface on the TS-450

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-02-07 19:22:15 UTC
From: sparky_622000
Topic: 5565 Message: 5565

I'm pulling my hair out! I built a cat interface for my ts-450 but I can't get it to work (at least not completely). I can send commands TO the rig and they are executed but get no responses or status requests back.

I already know about the inverted data lines. Is there something else I'm missing? I have used a logic probe on it and have verified proper levels at all the pins of the acc-1 connector. The rig is just not sending any data.

One thing I did notice while looking at Kenwood's IC-232C interface schematic is a 555 timer that looks like it provides a delay to the rs-232 lines out to the computer. Don't know what the purpose of it would be but of all the interface schematics for the 450 I found, none of them use the timer.

If anyone could help me, It would be very much appreciated.

Chris - KC0TKS

5566. RE: [TS-850_450_690] TS-850 Roofing filter.

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-02-07 23:54:45 UTC
From: jaking
Topic: 5535 Message: 5566

Hello,

This email message is a notification to let you know that a file has been
uploaded to the Files area of the ts-940
group.

File : /Intermodulation distortion measurements.pdf
Uploaded by : hohlfeld_thomas <thomas_hohlfeld@...
<http://groups.yahoo.com/group/ts-940/post?postID=qNbegxaxaFsXws9egiTChmn2ST
3GOboViUGK-G1LSOZGzTZEvCAePU6Ra6ux_B6wuSAcqf0E1AnsnBAolsCVRJE> >
Description : Large signal performance of the TS-940 frontend

You can access this file at the URL:
http://groups.yahoo.com/group/ts-940/files/Intermodulation%20distortion%20me
asur\
<http://groups.yahoo.com/group/ts-940/files/Intermodulation%20distortion%20m
easurements.pdf>
ements.pdf

Regards,

zl4ai PROMOTING GOOD WORK OF DF5KF

_____

From: Paul Erickson [mailto:va7nt@...]
Sent: Thursday, 8 February 2007 7:28 a.m.
To: jaking@...
Subject: Re: [TS-850_450_690] TS-850 Roofing filter.

jaking wrote:

Look at the 940 yahoo groups, DF5KF

Has produced spectrum analyser plots of 940 standard and

IRD roofing filters.

Most interesting publication on Kenwood filters in 10 years.

Tells you how to fit a roofing filter to your radio.

Jeff ZL4Ai

Hi Jeff,

I am having trouble finding the 940 yahoo list. Do you have a link you could
point me to?

--
---
cheers, Paul - VA7NT - email: va7nt@...

"Those who hear not the music, think the dancers mad."

"Tolerance becomes a crime when applied to evil." - Thomas Mann

"That state which separates it's warriors from it's scholars will have it's thinking done by cowards and fighting done by fools" - Thucydides - The Pelopenisia

"The Malice of the wicked is reinforced by the weakness of the virtuous." - Churchill

--
No virus found in this incoming message.
Checked by AVG Free Edition.
Version: 7.5.432 / Virus Database: 268.17.30/674 - Release Date: 7/02/2007 3:33 p.m.

[Non-text portions of this message have been removed]

5567. TS-450SAT Calibration Cable - What is it, exactly?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-02-08 00:44:22 UTC
From: ve9xyz
Topic: 5567 Message: 5567

My TS-450SAT was purchased used, and the operator that sold it to me was rather peculiar about NOT including any accessories (no mic, power cord etc etc - I figured it was honest-to-goodness withdrawl pains).

The handbook talks about calibrating the rig with this thing - and I'm wondering if I couldn't just make up a cable of my own with a small shielded cable and suitable connectors. Look like the small header-mount connectors such as found on PC and junker radios.

Can anybody describe this in detail for me?

I'm not likely to need this anytime soon, but the time to make one up is probably now while things seem to be working well.

Thanks

KEvin VE9-XYZ

5568. Re: [TS-850_450_690] TS-450SAT Calibration Cable - What is it, exactly?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-02-08 00:56:54 UTC
From: ve3wej gmail
Topic: 5567 Message: 5568

why sell you the accesories that came with it, when they can ebay and get more that way..seems to be a trend.

that is why radios are so cheap

----- Original Message -----
From: ve9xyz
To: TS-850_450_690@yahoogroups.com
Sent: Wednesday, February 07, 2007 7:44 PM
Subject: [TS-850_450_690] TS-450SAT Calibration Cable - What is it, exactly?

My TS-450SAT was purchased used, and the operator that sold it to me was rather peculiar about NOT including any accessories (no mic, power cord etc etc - I figured it was honest-to-goodness withdrawl pains).

The handbook talks about calibrating the rig with this thing - and I'm wondering if I couldn't just make up a cable of my own with a small shielded cable and suitable connectors. Look like the small header-mount connectors such as found on PC and junker radios.

Can anybody describe this in detail for me?

I'm not likely to need this anytime soon, but the time to make one up is probably now while things seem to be working well.

Thanks

KEvin VE9-XYZ

[Non-text portions of this message have been removed]

5569. Re: [TS-850_450_690] TS-450SAT Calibration Cable - What is it, exactly?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-02-08 03:06:52 UTC
From: Charles Mortimer
Topic: 5567 Message: 5569

the radio that does not come with a mike or mike cord should tell us all one thing (big getaway before you can try it) this is really a big buyer beware sign its that big one can trip over it you should receive at least a hand mike
Charles
----- Original Message -----
From: ve3wej gmail
To: TS-850_450_690@yahoogroups.com
Sent: Thursday, February 08, 2007 9:56 AM
Subject: Re: [TS-850_450_690] TS-450SAT Calibration Cable - What is it, exactly?

why sell you the accesories that came with it, when they can ebay and get more that way..seems to be a trend.

that is why radios are so cheap

----- Original Message -----
From: ve9xyz
To: TS-850_450_690@yahoogroups.com
Sent: Wednesday, February 07, 2007 7:44 PM
Subject: [TS-850_450_690] TS-450SAT Calibration Cable - What is it, exactly?

My TS-450SAT was purchased used, and the operator that sold it to me was rather peculiar about NOT including any accessories (no mic, power cord etc etc - I figured it was honest-to-goodness withdrawl pains).

The handbook talks about calibrating the rig with this thing - and I'm wondering if I couldn't just make up a cable of my own with a small shielded cable and suitable connectors. Look like the small header-mount connectors such as found on PC and junker radios.

Can anybody describe this in detail for me?

I'm not likely to need this anytime soon, but the time to make one up is probably now while things seem to be working well.

Thanks

KEvin VE9-XYZ

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

5570. Re: CAT interface on the TS-450

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-02-08 04:29:28 UTC
From: Richard Ferch
Topic: 5565 Message: 5570

Is RTS asserted by the computer (Always On in most software)? The
radio will not send data to the computer unless this line is "on".

73,
Rich VE3KI

--- In TS-850_450_690@yahoogroups.com, "sparky_622000" <kc0tks@...>
wrote:
>
> I'm pulling my hair out! I built a cat interface for my ts-450 but I
> can't get it to work (at least not completely). I can send commands
TO
> the rig and they are executed but get no responses or status
requests
> back.
>
> I already know about the inverted data lines. Is there something
else
> I'm missing? I have used a logic probe on it and have verified
proper
> levels at all the pins of the acc-1 connector. The rig is just not
> sending any data.
>
> One thing I did notice while looking at Kenwood's IC-232C interface
> schematic is a 555 timer that looks like it provides a delay to the
> rs-232 lines out to the computer. Don't know what the purpose of it
> would be but of all the interface schematics for the 450 I found,
none
> of them use the timer.
>
>
> If anyone could help me, It would be very much appreciated.
>
> Chris - KC0TKS
>

5571. Re: [TS-850_450_690] TS-450SAT Calibration Cable - What is it, exactly?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-02-08 11:53:58 UTC
From: Bud Haynes
Topic: 5567 Message: 5571

ve9xyz wrote:
>
> My TS-450SAT was purchased used, and the operator that sold it to me
> was rather peculiar about NOT including any accessories (no mic, power
> cord etc etc - I figured it was honest-to-goodness withdrawl pains).
>
> The handbook talks about calibrating the rig with this thing - and I'm
> wondering if I couldn't just make up a cable of my own with a small
> shielded cable and suitable connectors. Look like the small header-
> mount connectors such as found on PC and junker radios.
>
> Can anybody describe this in detail for me?
>
> I'm not likely to need this anytime soon, but the time to make one up
> is probably now while things seem to be working well.
>
> Thanks
>
> KEvin VE9-XYZ
> ++++++++++++++++++
>

Kevin, I can't accurately describe the calibration cable as I have not
seen mine in many years.
But going by memory it was just a hunk of skinny white wire maybe 8 or
10 inches long with a tiny connector on each end,
not a shielded cable.
Bud - KV7G

>
> <http://groups.yahoo.com/group/TS-850_450_690/message/5567;_ylc=X3oDMTM0dWY5aGg5BF9TAzk3MzU5NzE0BGdycElkAzMwOTc1ODIEZ3Jwc3BJZAMxNzA1MDYzMTA4BG1zZ0lkAzU1NjcEc2VjA2Z0cgRzbGsDdnRwYwRzdGltZQMxMTcwODk1NDY4BHRwY0lkAzU1Njc->
> <http://groups.yahoo.com/group/TS-850_450_690/post;_ylc=X3oDMTJwdTlsaWQ0BF9TAzk3MzU5NzE0BGdycElkAzMwOTc1ODIEZ3Jwc3BJZAMxNzA1MDYzMTA4BG1zZ0lkAzU1NjcEc2VjA2Z0cgRzbGsDcnBseQRzdGltZQMxMTcwODk1NDY4?act=reply&messageNum=5567>

--

++
Please Support www.bestfriends.org
A NO KILL Animal Sanctuary

5572. Re: [TS-850_450_690] TS-450SAT Calibration Cable - What is it, exactly?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-02-08 13:21:09 UTC
From: DaveH
Topic: 5567 Message: 5572

what in God's name are you trying to calibrate? I have had a ts450 for
years and nothing has ever been done to it. Did the previous owner mess with
the internals?
David R. Henry LME
Licensed Master Electrician
Amateur Radio W2DRH
Member ARRL
Accredited Instructor

----- Original Message -----
From: "Bud Haynes" <kv7g@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Thursday, February 08, 2007 6:53 AM
Subject: Re: [TS-850_450_690] TS-450SAT Calibration Cable - What is it,
exactly?

> ve9xyz wrote:
>>
>> My TS-450SAT was purchased used, and the operator that sold it to me
>> was rather peculiar about NOT including any accessories (no mic, power
>> cord etc etc - I figured it was honest-to-goodness withdrawl pains).
>>
>> The handbook talks about calibrating the rig with this thing - and I'm
>> wondering if I couldn't just make up a cable of my own with a small
>> shielded cable and suitable connectors. Look like the small header-
>> mount connectors such as found on PC and junker radios.
>>
>> Can anybody describe this in detail for me?
>>
>> I'm not likely to need this anytime soon, but the time to make one up
>> is probably now while things seem to be working well.
>>
>> Thanks
>>
>> KEvin VE9-XYZ
>> ++++++++++++++++++
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> Kevin, I can't accurately describe the calibration cable as I have not
> seen mine in many years.
> But going by memory it was just a hunk of skinny white wire maybe 8 or
> 10 inches long with a tiny connector on each end,
> not a shielded cable.
> Bud - KV7G
>
>>
>> <http://groups.yahoo.com/group/TS-850_450_690/message/5567;_ylc=X3oDMTM0dWY5aGg5BF9TAzk
3MzU5NzE0BGdycElkAzMwOTc1ODIEZ3Jwc3BJZAMxNzA1MDYzMTA4BG1zZ0lkAzU1NjcEc2VjA2Z0cgRzbGsDdnRwY
wRzdGltZQMxMTcwODk1NDY4BHRwY0lkAzU1Njc->
>> <http://groups.yahoo.com/group/TS-850_450_690/post;_ylc=X3oDMTJwdTlsaWQ0BF9TAzk3MzU5NzE
0BGdycElkAzMwOTc1ODIEZ3Jwc3BJZAMxNzA1MDYzMTA4BG1zZ0lkAzU1NjcEc2VjA2Z0cgRzbGsDcnBseQRzdGltZ
QMxMTcwODk1NDY4?act=reply&messageNum=5567>
>
> --
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> ++
> Please Support www.bestfriends.org
> A NO KILL Animal Sanctuary
>
>
>
> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
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5573. Re: [TS-850_450_690] TS-450SAT Calibration Cable - What is it, exactly?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-02-08 14:33:58 UTC
From: Zack Widup
Topic: 5567 Message: 5573

I don't have a 450 but my 440 included a little jumper cable that is supposed to be used to calibrate the reference oscillator with WWV. I've never needed to use it because the rig is accurate. The service manual (and I think the owner's manual) included directions on how to do it.

I did buy a used HTX-100 that was a mess - some CB'er evidently owned it and twiddled with all the adjustments. It wasn't too difficult to readjust, though (there isn't a whole lot to that rig).

73, Zack W9SZ

On Thu, 8 Feb 2007, DaveH wrote:

> what in God's name are you trying to calibrate? I have had a ts450 for
> years and nothing has ever been done to it. Did the previous owner mess with
> the internals?
> David R. Henry LME
> Licensed Master Electrician
> Amateur Radio W2DRH
> Member ARRL
> Accredited Instructor
>
> ----- Original Message -----
> From: "Bud Haynes" <kv7g@...>
> To: <TS-850_450_690@yahoogroups.com>
> Sent: Thursday, February 08, 2007 6:53 AM
> Subject: Re: [TS-850_450_690] TS-450SAT Calibration Cable - What is it,
> exactly?
>
>
> > ve9xyz wrote:
> >>
> >> My TS-450SAT was purchased used, and the operator that sold it to me
> >> was rather peculiar about NOT including any accessories (no mic, power
> >> cord etc etc - I figured it was honest-to-goodness withdrawl pains).
> >>
> >> The handbook talks about calibrating the rig with this thing - and I'm
> >> wondering if I couldn't just make up a cable of my own with a small
> >> shielded cable and suitable connectors. Look like the small header-
> >> mount connectors such as found on PC and junker radios.
> >>
> >> Can anybody describe this in detail for me?
> >>
> >> I'm not likely to need this anytime soon, but the time to make one up
> >> is probably now while things seem to be working well.
> >>

> >> Thanks
> >>
> >> KEvin VE9-XYZ
> >> ++++++++++++++++++

5574. Re: TS-450SAT Calibration Cable - What is it, exactly?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-02-08 18:37:04 UTC
From: ve9xyz
Topic: 5567 Message: 5574

Hey Dave - nothing to get anxious about... The manual describes why this might ever be neeed, and I'm not going to mess with something that's not broken to start with. As I pointed out in my note, I'd like to have one on hand before I need it some day.

The OM that sold me the rig gave me ample time to use it in his shack, but I think he was feeling regretful about selling it and that turned into a "no accessories included!" stance as the deal was being closed. I guess we can all identify with that, and 2 years later it has turned out to be a fine rig.

--- In TS-850_450_690@yahoogroups.com, "DaveH" <w2drh@...> wrote:
>
> what in God's name are you trying to calibrate? I have had a ts450 for
> years and nothing has ever been done to it. Did the previous owner mess with
> the internals?
> David R. Henry LME
> Licensed Master Electrician
> Amateur Radio W2DRH
> Member ARRL
> Accredited Instructor
>
> ----- Original Message -----
> From: "Bud Haynes" <kv7g@...>
> To: <TS-850_450_690@yahoogroups.com>
> Sent: Thursday, February 08, 2007 6:53 AM
> Subject: Re: [TS-850_450_690] TS-450SAT Calibration Cable - What is it,
> exactly?
>
>
> > ve9xyz wrote:
> >>
> >> My TS-450SAT was purchased used, and the operator that sold it to me
> >> was rather peculiar about NOT including any accessories (no mic, power
> >> cord etc etc - I figured it was honest-to-goodness withdrawl pains).
> >>
> >> The handbook talks about calibrating the rig with this thing - and I'm
> >> wondering if I couldn't just make up a cable of my own with a

small
> >> shielded cable and suitable connectors. Look like the small
header-
> >> mount connectors such as found on PC and junker radios.
> >>
> >> Can anybody describe this in detail for me?
> >>
> >> I'm not likely to need this anytime soon, but the time to make
one up
> >> is probably now while things seem to be working well.
> >>
> >> Thanks
> >>
> >> KEvin VE9-XYZ
> >> +++++++++++++++++++
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> > Kevin, I can't accurately describe the calibration cable as I
have not
> > seen mine in many years.
> > But going by memory it was just a hunk of skinny white wire
maybe 8 or

> > 10 inches long with a tiny connector on each end,
> > not a shielded cable.
> > Bud - KV7G
> >
> >>
> >> <http://groups.yahoo.com/group/TS-
850_450_690/message/5567;_ylc=X3oDMTM0dWY5aGg5BF9TAzk3MzU5NzE0BGdycEl
kAzMwOTc1ODIEZ3Jwc3BJZAMxNzA1MDYzMTA4BG1zZ0lkAzU1NjcEc2VjA2Z0cgRzbGsD
dnRwYwRzdGltZQMxMTcwODk1NDY4BHRwY0lkAzU1Njc->
> >> <http://groups.yahoo.com/group/TS-
850_450_690/post;_ylc=X3oDMTJwdTlsaWQ0BF9TAzk3MzU5NzE0BGdycElkAzMwOTc
1ODIEZ3Jwc3BJZAMxNzA1MDYzMTA4BG1zZ0lkAzU1NjcEc2VjA2Z0cgRzbGsDcnBseQRz
dGltZQMxMTcwODk1NDY4?act=reply&messageNum=5567>
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> > ++
> > Please Support www.bestfriends.org
> > A NO KILL Animal Sanctuary
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> > THANKS FOR USING TS-850_450_690@...
> > Yahoo! Groups Links
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5575. Re: [TS-850_450_690] Re: TS-450SAT Calibration Cable - What is it, exactly?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-02-08 20:17:55 UTC
From: DaveH
Topic: 5567 Message: 5575

Yep Great rig,
DON'T do ANY recalibration of ANYTHING> IF something fails, ok fine. I just don't know what kind of "cable" you night need. If it fails you need test equipment and knowledge. There just isn't anything special in this rig. Simple electronics and components. I have service manual, if you are interested. I can send it to you in PDF format free of charge.
Just let me know. 73 Dave

David R. Henry LME
Licensed Master Electrician
Amateur Radio W2DRH
Member ARRL
Accredited Instructor

----- Original Message -----
From: "ve9xyz" <myfamilydotcom@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Thursday, February 08, 2007 1:37 PM
Subject: [TS-850_450_690] Re: TS-450SAT Calibration Cable - What is it, exactly?

> Hey Dave - nothing to get anxious about... The manual describes why
> this might ever be neeed, and I'm not going to mess with something
> that's not broken to start with. As I pointed out in my note, I'd
> like to have one on hand before I need it some day.
>
> The OM that sold me the rig gave me ample time to use it in his
> shack, but I think he was feeling regretful about selling it and
> that turned into a "no accessories included!" stance as the deal was
> being closed. I guess we can all identify with that, and 2 years
> later it has turned out to be a fine rig.
>
>
> --- In TS-850_450_690@yahoogroups.com, "DaveH" <w2drh@...> wrote:
>>
>> what in God's name are you trying to calibrate? I have had a
> ts450 for
>> years and nothing has ever been done to it. Did the previous owner
> mess with
>> the internals?
>> David R. Henry LME
>> Licensed Master Electrician
>> Amateur Radio W2DRH
>> Member ARRL

>> Accredited Instructor
>>
>> ----- Original Message -----
>> From: "Bud Haynes" <kv7g@...>
>> To: <TS-850_450_690@yahoogroups.com>
>> Sent: Thursday, February 08, 2007 6:53 AM
>> Subject: Re: [TS-850_450_690] TS-450SAT Calibration Cable - What
> is it,
>> exactly?
>>
>>
>> > ve9xyz wrote:
>> >>
>> >> My TS-450SAT was purchased used, and the operator that sold it
> to me
>> >> was rather peculiar about NOT including any accessories (no
> mic, power
>> >> cord etc etc - I figured it was honest-to-goodness withdrawl
> pains).
>> >>
>> >> The handbook talks about calibrating the rig with this thing -
> and I'm
>> >> wondering if I couldn't just make up a cable of my own with a
> small
>> >> shielded cable and suitable connectors. Look like the small
> header-
>> >> mount connectors such as found on PC and junker radios.
>> >>
>> >> Can anybody describe this in detail for me?
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>> >> I'm not likely to need this anytime soon, but the time to make
> one up
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>> >>
>> >> Thanks
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>> >> KEvin VE9-XYZ
>> >> ++++++++++++++++++
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>> > Kevin, I can't accurately describe the calibration cable as I
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>> > seen mine in many years.
>> > But going by memory it was just a hunk of skinny white wire
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>> > 10 inches long with a tiny connector on each end,
>> > not a shielded cable.
>> > Bud - KV7G
>> >
>> >>
>> >> <http://groups.yahoo.com/group/TS-
> 850_450_690/message/5567;_ylc=X3oDMTM0dWY5aGg5BF9TAzk3MzU5NzE0BGdycEl
> kAzMwOTc1ODIEZ3Jwc3BJZAMxNzA1MDYzMTA4BG1zZ0lkAzU1NjcEc2VjA2Z0cgRzbGsD
> dnRwYwRzdGltZQMxMTcwODk1NDY4BHRwY0lkAzU1Njc->
>> >> <http://groups.yahoo.com/group/TS-
> 850_450_690/post;_ylc=X3oDMTJwdTlsaWQ0BF9TAzk3MzU5NzE0BGdycElkAzMwOTc
> 1ODIEZ3Jwc3BJZAMxNzA1MDYzMTA4BG1zZ0lkAzU1NjcEc2VjA2Z0cgRzbGsDcnBseQRz
> dGltZQMxMTcwODk1NDY4?act=reply&messageNum=5567>
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>> > Please Support www.bestfriends.org
>> > A NO KILL Animal Sanctuary
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>> > THANKS FOR USING TS-850_450_690@...
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5576. kenwood yk-88sn-1 ssb filter seen on ebay

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-02-09 13:37:09 UTC
From: ron
Topic: 5576 Message: 5576

Just fyi, if anyone is interested I saw a kenwood yk-88sn-1 ssb filter for the ts-450/690 and a couple other model radios on ebay. I think it has about 9 days left on the auction. Just thought I'd mention it in case someone was looking for one.

5577. Distorted TX audio on TS-450S

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-02-09 15:55:08 UTC
From: rocketradio2002
Topic: 5577 Message: 5577

Hi guys,

I'm new to this group. I was asked to sell a TS-450Sat for a friend, and I've grown so fond of the radio that I'll probably buy it myself.

Now as I was testing it I found distorted TX audio on all modes. The audio is very clipped. Turning the mic gain down to almost minimum clears it up, but there is no power output at this level. Running the mic gain at a normal level and lowering the power ouput doesn't affect the distortion. So I'm assuming that the TX audio circuitry is where to look.

I'm wondering if there are some common problems with this radio that could cause these types of symptoms. I've looked through the messages and didn't find anything that would address this.

Thank you for any help.

George
N7BUI

5578. Re: Distorted TX audio on TS-450S

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-02-09 19:00:56 UTC
From: Clif
Topic: 5577 Message: 5578

Look on the RF unit at the band pass filters and see if some of the
switching diodes are leaking.

Clif

--- In TS-850_450_690@yahoogroups.com, "rocketradio2002"
<gelatinous@...> wrote:
>
> Hi guys,
>
> I'm new to this group. I was asked to sell a TS-450Sat for a friend,
> and I've grown so fond of the radio that I'll probably buy it myself.
>
> Now as I was testing it I found distorted TX audio on all modes. The
> audio is very clipped. Turning the mic gain down to almost minimum
> clears it up, but there is no power output at this level. Running the
> mic gain at a normal level and lowering the power ouput doesn't affect
> the distortion. So I'm assuming that the TX audio circuitry is where
> to look.
>
> I'm wondering if there are some common problems with this radio that
> could cause these types of symptoms. I've looked through the messages
> and didn't find anything that would address this.
>
> Thank you for any help.
>
> George
> N7BUI
>

5579. Re: [TS-850_450_690] Distorted TX audio on TS-450S

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-02-09 20:13:34 UTC
From: ve3wej gmail
Topic: 5577 Message: 5579

make sure your compression is off....it may be overdriving with that being on???

----- Original Message -----
From: rocketradio2002
To: TS-850_450_690@yahoogroups.com
Sent: Friday, February 09, 2007 10:55 AM
Subject: [TS-850_450_690] Distorted TX audio on TS-450S

Hi guys,

I'm new to this group. I was asked to sell a TS-450Sat for a friend,
and I've grown so fond of the radio that I'll probably buy it myself.

Now as I was testing it I found distorted TX audio on all modes. The
audio is very clipped. Turning the mic gain down to almost minimum
clears it up, but there is no power output at this level. Running the
mic gain at a normal level and lowering the power ouput doesn't affect
the distortion. So I'm assuming that the TX audio circuitry is where
to look.

I'm wondering if there are some common problems with this radio that
could cause these types of symptoms. I've looked through the messages
and didn't find anything that would address this.

Thank you for any help.

George
N7BUI

[Non-text portions of this message have been removed]

5580. Re: CAT interface on the TS-450

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-02-10 18:17:56 UTC
From: sparky_622000
Topic: 5565 Message: 5580

Yes, the rts line is connected from the computer to the rig and the software is controlling it. I have even gone as far as to artificially pull it high or low at the radio. Either way, it still doesn't work.

I have tried several different programs and they all do the same thing. I have even used hyperterm and like always, I can send commands to the radio and it executes those commands, but returns no result.

I'm desperate so I am going to use a pic to mimic the responses of the rig. Does anyone happen to know where I could find the structure of the response messages? If I knew what the radio was supposed to be sending back, I could easily fool it into working for my purposes.

> Is RTS asserted by the computer (Always On in most software)? The
> radio will not send data to the computer unless this line is "on".
>
> 73,
> Rich VE3KI

5581. Monitor volume cylces on transmit

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-02-11 18:54:36 UTC
From: eztrac2
Topic: 5581 Message: 5581

I have an issue with my monitor volume on transmit side only.
The volume will start out fine but then drops a cycles back up to
normal. one cycle takes approximately 15 secs.

Has anyone experinced this an what was the cure?

5582. Hi

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-02-11 22:10:07 UTC
From: Nazario C. Culanag Jr.
Topic: 5582 Message: 5582

Hi, am new to the group and would like to thank the moderator for processing my application promptly. Sure glad to be a member.

73,
Jun

5583. TS-850S/AT parts

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-02-12 04:38:25 UTC
From: n7ioh
Topic: 5583 Message: 5583

Hi all, N8BX, Fred has just listed a TS-850S/AT for
parts on eham.net. Here is a link to where you can
read his list. I don't know Fred but thought someone
here might be in need of something.
http://www.eham.net/classifieds/results

Al, n7ioh

"Life is tough, it's tougher if you are stupid".

To error is human, to forgive is against company policy.

5584. TS-850S antenna tuner squeak

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-02-12 05:04:46 UTC
From: Brian Mileshosky
Topic: 5583 Message: 5584

Hi Everyone --

I just pulled my ATU out of my TS-850 and applied a little 3-in-1 oil to the bushings. Cleared up a lot of the squeaking, but not exactly all of it.

However, in re-installing the tuner to test it I noticed that it will not tune up on any band from 20 meters down to 160 -- and I'm feeding the radio into a dummy load which I know works. It seems to not be able to get below 1.5:1 to 2:1 and then the time-out alarm goes off. Repeated tried yield the same result. Everything tuned up fine into the dummy load before I pulled the ATU out for oiling.

Any ideas? I disassembled the unit, taking off the two pots and the plate that they are normally screwed to and took great care to re-install everything as I found them. I didn't turn the caps or gears when the pots were off.

Any thoughts would be appreciated.

73,
Brian, N5ZGT

5585. ts-850s and transverter

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-02-12 15:49:46 UTC
From: Samir Popaja
Topic: 5585 Message: 5585

Hello,

Is any chance to connect (interface) ts-850s with transverter for 2m (Elecraft XV144) without special mods?

Can someone write some easy "how to".

Thank You

Best Regards
Samir

Samir Popaja, 7S7V /SMVZX
http://ww.qsl.net/7s7v
Duhöksgatan 4B
SE-21558 Malmö
Sweden

5586. Re: [TS-850_450_690] ts-850s and transverter

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-02-12 17:02:27 UTC
From: Zack Widup
Topic: 5585 Message: 5586

The 850 is difficult to interface to transverters. Your best bet is the
Down East Microwave TIB-850, which allows you to use the radio both on HF
and with transverters without major cable switching. Otherwise, you cannot
easily switch between the transverter and HF usage.

73, Zack W9SZ

On Mon, 12 Feb 2007, Samir Popaja wrote:

> Hello,
>
> Is any chance to connect (interface) ts-850s with transverter for 2m (Elecraft XV144)
without special mods?
>
> Can someone write some easy "how to".
>
> Thank You
>
> Best Regards
> Samir
>

5587. Looking 6 pin Din Connectors

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-02-12 17:26:45 UTC
From: Marty Bluhm
Topic: 5587 Message: 5587

Hi,
Just got my 850S a while back and trying to find the 6 pin Din plugs so I can go computer control. Anyone know of a source. Appreciate it.

73
Marty
W8AKS

5588. Re: Looking 6 pin Din Connectors

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-02-12 18:04:02 UTC
From: Ron
Topic: 5587 Message: 5588

I recently picked one up at www.pacparts.com. Think East Coast
Transistor also carries them.

73

Ron - AG1P

--- In TS-850_450_690@yahoogroups.com, "Marty Bluhm" <w8aks@...> wrote:
>
> Hi,
> Just got my 850S a while back and trying to find the 6 pin Din plugs
so I
> can go computer control. Anyone know of a source. Appreciate it.
>
> 73
> Marty
> W8AKS
>

5589. RE: [TS-850_450_690] Re: Looking 6 pin Din Connectors

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-02-12 18:49:01 UTC
From: Marty Bluhm
Topic: 5587 Message: 5589

Ron, Tks for the info. Pacparts will not help me without a part number. I've looked at their web site and can't find it. Do you happen to have the part number. East Coast Transistor was very helpful. However, the part has been discontinued, he cant get them. Thanked me and that was that.
Any help you or anybody else on the list can give would be greatly appreciated.
73
Marty
W8AKS

-----Original Message-----
From: TS-850_450_690@yahoogroups.com
[mailto:TS-850_450_690@yahoogroups.com]On Behalf Of Ron
Sent: Monday, February 12, 2007 18:04
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] Re: Looking 6 pin Din Connectors

I recently picked one up at www.pacparts.com. Think East Coast Transistor also carries them.

73

Ron - AG1P

--- In TS-850_450_690@yahoogroups.com, "Marty Bluhm" <w8aks@...> wrote:
>
> Hi,
> Just got my 850S a while back and trying to find the 6 pin Din plugs so I
> can go computer control. Anyone know of a source. Appreciate it.
>
> 73
> Marty
> W8AKS
>

[Non-text portions of this message have been removed]

5590. Re: [TS-850_450_690] Re: Looking 6 pin Din Connectors

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-02-12 20:01:00 UTC
From: Tom LeClerc W1TJL
Topic: 5587 Message: 5590

I recently (a year or two ago??) 2 from All Electronics. In fact I soldered the last one on over the weekend while building a USB to Kenwood control device.

You can find them via google...

73, Tom W1TJL

On 2/12/07, Marty Bluhm <w8aks@...> wrote:
>
> Ron, Tks for the info. Pacparts will not help me without a part number.
> I've
> looked at their web site and can't find it. Do you happen to have the part
> number. East Coast Transistor was very helpful. However, the part has been
> discontinued, he cant get them. Thanked me and that was that.
> Any help you or anybody else on the list can give would be greatly
> appreciated.
> 73
> Marty
> W8AKS
>
> -----Original Message-----
> From: TS-850_450_690@yahoogroups.com <TS-850_450_690%40yahoogroups.com>
> [mailto:TS-850_450_690@yahoogroups.com <TS-850_450_690%40yahoogroups.com>]On
> Behalf Of Ron
> Sent: Monday, February 12, 2007 18:04
> To: TS-850_450_690@yahoogroups.com <TS-850_450_690%40yahoogroups.com>
> Subject: [TS-850_450_690] Re: Looking 6 pin Din Connectors
>
> I recently picked one up at www.pacparts.com. Think East Coast
> Transistor also carries them.
>
> 73
>
> Ron - AG1P
>
> --- In TS-850_450_690@yahoogroups.com <TS-850_450_690%40yahoogroups.com>,
> "Marty Bluhm" <w8aks@...> wrote:
> >
> > Hi,
> > Just got my 850S a while back and trying to find the 6 pin Din plugs
> so I
> > can go computer control. Anyone know of a source. Appreciate it.
> >
> > 73
> > Marty

> > W8AKS
> >
>
> [Non-text portions of this message have been removed]
>
>
>

--
Tom LeClerc, Amateur Radio Station W1TJL
(past calls WB1CBY, /VE8,XL8,VO1)

LeClerc Consulting
email: w1tjl@...
PC/Network Consulting

[Non-text portions of this message have been removed]

5591. Re: [TS-850_450_690] Re: Looking 6 pin Din Connectors

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-02-12 20:13:01 UTC
From: ve3wej gmail
Topic: 5587 Message: 5591

6 pin din cables are already made up if you find commodore 64 disk drive cables.

----- Original Message -----
From: Tom LeClerc W1TJL
To: TS-850_450_690@yahoogroups.com
Sent: Monday, February 12, 2007 3:01 PM
Subject: Re: [TS-850_450_690] Re: Looking 6 pin Din Connectors

I recently (a year or two ago??) 2 from All Electronics. In fact I
soldered the last one on over the weekend while building a USB to Kenwood
control device.

You can find them via google...

73, Tom W1TJL

On 2/12/07, Marty Bluhm <w8aks@...> wrote:
>
> Ron, Tks for the info. Pacparts will not help me without a part number.
> I've
> looked at their web site and can't find it. Do you happen to have the part
> number. East Coast Transistor was very helpful. However, the part has been
> discontinued, he cant get them. Thanked me and that was that.
> Any help you or anybody else on the list can give would be greatly
> appreciated.
> 73
> Marty
> W8AKS
>
> -----Original Message-----
> From: TS-850_450_690@yahoogroups.com <TS-850_450_690%40yahoogroups.com>
> [mailto:TS-850_450_690@yahoogroups.com <TS-850_450_690%40yahoogroups.com>]On
> Behalf Of Ron
> Sent: Monday, February 12, 2007 18:04
> To: TS-850_450_690@yahoogroups.com <TS-850_450_690%40yahoogroups.com>
> Subject: [TS-850_450_690] Re: Looking 6 pin Din Connectors
>
> I recently picked one up at www.pacparts.com. Think East Coast
> Transistor also carries them.
>
> 73
>
> Ron - AG1P
>
> --- In TS-850_450_690@yahoogroups.com <TS-850_450_690%40yahoogroups.com>,
> "Marty Bluhm" <w8aks@...> wrote:

> >
> > Hi,
> > Just got my 850S a while back and trying to find the 6 pin Din plugs
> so I
> > can go computer control. Anyone know of a source. Appreciate it.
> >
> > 73
> > Marty
> > W8AKS
> >
>
> [Non-text portions of this message have been removed]
>
>
>

--
Tom LeClerc, Amateur Radio Station W1TJL
(past calls WB1CBY, /VE8,XL8,VO1)

LeClerc Consulting
email: w1tjl@...
PC/Network Consulting

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

5592. Re: Looking 6 pin Din Connectors

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-02-12 20:19:34 UTC
From: Ron
Topic: 5587 Message: 5592

Part # is E07-0654-05. Did quick check - pacific part is out of stock. East Coast Transistor - www.kenwoodparts.com - shows them in stock.

73

Ron - AG1P

--- In TS-850_450_690@yahoogroups.com, "Marty Bluhm" <w8aks@...> wrote:
>
> Ron, Tks for the info. Pacparts will not help me without a part number. I've
> looked at their web site and can't find it. Do you happen to have the part
> number. East Coast Transistor was very helpful. However, the part has been
> discontinued, he cant get them. Thanked me and that was that.
> Any help you or anybody else on the list can give would be greatly
> appreciated.
> 73
> Marty
> W8AKS
>
> -----Original Message-----
> From: TS-850_450_690@yahoogroups.com
> [mailto:TS-850_450_690@yahoogroups.com]On Behalf Of Ron
> Sent: Monday, February 12, 2007 18:04
> To: TS-850_450_690@yahoogroups.com
> Subject: [TS-850_450_690] Re: Looking 6 pin Din Connectors
>
>
> I recently picked one up at www.pacparts.com. Think East Coast
> Transistor also carries them.
>
> 73
>
> Ron - AG1P
>
> --- In TS-850_450_690@yahoogroups.com, "Marty Bluhm" <w8aks@> wrote:
> >
> > Hi,
> > Just got my 850S a while back and trying to find the 6 pin Din plugs
> so I

> > can go computer control. Anyone know of a source. Appreciate
it.
> >
> > 73
> > Marty
> > W8AKS
> >
>
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

5593. RE: [TS-850_450_690] Re: Looking 6 pin Din Connectors

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-02-12 20:22:09 UTC
From: n7ioh
Topic: 5587 Message: 5593

Hi Marty, if you are looking for the 6 pin plug and
cable assembly, the one that is used with the TS-850
and the DSP-100. The old number is, E30-3047-05, the
new number is E30-3047-15. I am sure this is right.
I just ordered one from, http://www.partstore.com/ and
they told me it was the new number. My cable was back
ordered also. Was to be shipped last Wednesday, still
waiting.

Al, n7ioh

--- Marty Bluhm <w8aks@...> wrote:

> Ron, Tks for the info. Pacparts will not help me
> without a part number. I've
> looked at their web site and can't find it. Do you
> happen to have the part
> number. East Coast Transistor was very helpful.
> However, the part has been
> discontinued, he cant get them. Thanked me and that
> was that.
> Any help you or anybody else on the list can give
> would be greatly
> appreciated.
> 73
> Marty
> W8AKS
>
> -----Original Message-----
> From: TS-850_450_690@yahoogroups.com
> [mailto:TS-850_450_690@yahoogroups.com]On Behalf Of
> Ron
> Sent: Monday, February 12, 2007 18:04
> To: TS-850_450_690@yahoogroups.com
> Subject: [TS-850_450_690] Re: Looking 6 pin Din
> Connectors
>
>
> I recently picked one up at www.pacparts.com.
> Think East Coast
> Transistor also carries them.
>
> 73
>
> Ron - AG1P
>

> --- In TS-850_450_690@yahoogroups.com, "Marty
> Bluhm" <w8aks@...> wrote:
> >
> > Hi,
> > Just got my 850S a while back and trying to find
> the 6 pin Din plugs
> so I
> > can go computer control. Anyone know of a
> source. Appreciate it.
> >
> > 73
> > Marty
> > W8AKS
> >
>
>
>
>
>
>
> [Non-text portions of this message have been
> removed]
>
>

5594. RE: [TS-850_450_690] ts-850s and transverter

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-02-12 20:52:44 UTC
From: John
Topic: 5585 Message: 5594

I have used my TS-850 with a ten-tec 28/29mhz to 144/145 mhz transverter.

Very easy to setup and use. Knock back the power to 10 watts on

850, setup menu on 850 to display 2 meter band, and you are

on 2 meters using TS-850, with 2 meter band readout on your TS-850.

73

John ZS5J

The 850 is difficult to interface to transverters. Your best bet is the
Down East Microwave TIB-850, which allows you to use the radio both on HF
and with transverters without major cable switching. Otherwise, you cannot
easily switch between the transverter and HF usage.

73, Zack W9SZ

On Mon, 12 Feb 2007, Samir Popaja wrote:

> Hello,
>
> Is any chance to connect (interface) ts-850s with transverter for 2m
(Elecraft XV144) without special mods?
>
> Can someone write some easy "how to".
>
> Thank You
>
> Best Regards
> Samir
>

[Non-text portions of this message have been removed]

5595. RE: [TS-850_450_690] Re: Looking 6 pin Din Connectors

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-02-12 21:12:19 UTC
From: Marty Bluhm
Topic: 5587 Message: 5595

Thank you everybody. Found the source, Thanks Ron. Ordered a few, so if anyone needs one and cant find one. I've got a couple spares on hand. Thanks again to the group. I really like this radio. Best one in 50+ years. Receiver is awesome.

73
Marty
W8AKS
-----Original Message-----
From: TS-850_450_690@yahoogroups.com
[mailto:TS-850_450_690@yahoogroups.com]On Behalf Of Ron
Sent: Monday, February 12, 2007 20:20
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] Re: Looking 6 pin Din Connectors

Part # is E07-0654-05. Did quick check - pacific part is out of stock. East Coast Transistor - www.kenwoodparts.com - shows them in stock.

73

Ron - AG1P

--- In TS-850_450_690@yahoogroups.com, "Marty Bluhm" <w8aks@...> wrote:
>
> Ron, Tks for the info. Pacparts will not help me without a part number. I've
> looked at their web site and can't find it. Do you happen to have the part
> number. East Coast Transistor was very helpful. However, the part has been
> discontinued, he cant get them. Thanked me and that was that.
> Any help you or anybody else on the list can give would be greatly
> appreciated.
> 73
> Marty
> W8AKS
>
> -----Original Message-----
> From: TS-850_450_690@yahoogroups.com
> [mailto:TS-850_450_690@yahoogroups.com]On Behalf Of Ron
> Sent: Monday, February 12, 2007 18:04
> To: TS-850_450_690@yahoogroups.com
> Subject: [TS-850_450_690] Re: Looking 6 pin Din Connectors
>

>
> I recently picked one up at www.pacparts.com. Think East Coast
> Transistor also carries them.
>
> 73
>
> Ron - AG1P
>
> --- In TS-850_450_690@yahoogroups.com, "Marty Bluhm" <w8aks@>
wrote:
> >
> > Hi,
> > Just got my 850S a while back and trying to find the 6 pin Din
plugs
> so I
> > can go computer control. Anyone know of a source. Appreciate
it.
> >
> > 73
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> > W8AKS
> >
>
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>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

5596. Re: [TS-850_450_690] Looking 6 pin Din Connectors

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-02-12 19:46:23 UTC
From: Toesonnose@hawaii.rr.com
Topic: 5587 Message: 5596

Buxx Comm has them.
Roland AH6RR

----- Original Message -----
From: Marty Bluhm <w8aks@...>
Date: Monday, February 12, 2007 7:56 am
Subject: [TS-850_450_690] Looking 6 pin Din Connectors
To: ts-850_450_690@yahoogroups.com

> Hi,
> Just got my 850S a while back and trying to find the 6 pin Din
> plugs so I
> can go computer control. Anyone know of a source. Appreciate it.
>
> 73
> Marty
> W8AKS
>
>

5597. Re: Looking 6 pin Din Connectors

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-02-12 21:49:26 UTC
From: senat0r215i
Topic: 5587 Message: 5597

www.buxhamparts.com

--- In TS-850_450_690@yahoogroups.com, Toesonnose@... wrote:
>
> Buxx Comm has them.
> Roland AH6RR
>
> ----- Original Message -----
> From: Marty Bluhm <w8aks@...>
> Date: Monday, February 12, 2007 7:56 am
> Subject: [TS-850_450_690] Looking 6 pin Din Connectors
> To: ts-850_450_690@yahoogroups.com
>
> > Hi,
> > Just got my 850S a while back and trying to find the 6 pin Din
> > plugs so I
> > can go computer control. Anyone know of a source. Appreciate it.
> >
> > 73
> > Marty
> > W8AKS
> >
> >
>

5598. Re: [TS-850_450_690] Re: Looking 6 pin Din Connectors

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-02-13 01:30:19 UTC
From: Roland AH6RR
Topic: 5587 Message: 5598

Aloha Marty,
You will find the 850 has one of the best receivers ever made. I will never get rid of mine.
Roland AH6RR
----- Original Message -----
From: Marty Bluhm
To: TS-850_450_690@yahoogroups.com
Sent: Monday, February 12, 2007 11:12 AM
Subject: RE: [TS-850_450_690] Re: Looking 6 pin Din Connectors

Thank you everybody. Found the source, Thanks Ron. Ordered a few, so if anyone needs one and cant find one. I've got a couple spares on hand. Thanks again to the group. I really like this radio. Best one in 50+ years. Receiver is awesome.

73
Marty
W8AKS
-----Original Message-----
From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]On Behalf Of Ron
Sent: Monday, February 12, 2007 20:20
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] Re: Looking 6 pin Din Connectors

Part # is E07-0654-05. Did quick check - pacific part is out of stock. East Coast Transistor - www.kenwoodparts.com - shows them in stock.

73

Ron - AG1P

--- In TS-850_450_690@yahoogroups.com, "Marty Bluhm" <w8aks@...> wrote:
>
> Ron, Tks for the info. Pacparts will not help me without a part number. I've
> looked at their web site and can't find it. Do you happen to have the part
> number. East Coast Transistor was very helpful. However, the part has been
> discontinued, he cant get them. Thanked me and that was that.
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> 73

> Marty
> W8AKS
>
> -----Original Message-----
> From: TS-850_450_690@yahoogroups.com
> [mailto:TS-850_450_690@yahoogroups.com]On Behalf Of Ron
> Sent: Monday, February 12, 2007 18:04
> To: TS-850_450_690@yahoogroups.com
> Subject: [TS-850_450_690] Re: Looking 6 pin Din Connectors
>
>
> I recently picked one up at www.pacparts.com. Think East Coast
> Transistor also carries them.
>
> 73
>
> Ron - AG1P
>
> --- In TS-850_450_690@yahoogroups.com, "Marty Bluhm" <w8aks@>
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> > Hi,
> > Just got my 850S a while back and trying to find the 6 pin Din
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> > Marty
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>
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>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

5599. SV: [TS-850_450_690] ts-850s and transverter

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-02-13 15:19:46 UTC
From: Samir Popaja
Topic: 5599 Message: 5599

is possible to set power on in mW or up to 1w, on ts-850s.

so many people have made different mods to interface ts-850s with transveter, why if that is so easy?

ex. look at:
http://tk5ep.free.fr/tech/ts850/en/ts850_g.php#TS850S%20SEPARATE%20ANTENNA

best regards
samir, sm7vzx

Från: TS-850_450_690@yahoogroups.com genom John
Skickat: må 2007-02-12 21:52
Till: TS-850_450_690@yahoogroups.com
Ämne: RE: [TS-850_450_690] ts-850s and transverter

I have used my TS-850 with a ten-tec 28/29mhz to 144/145 mhz transverter.

Very easy to setup and use. Knock back the power to 10 watts on

850, setup menu on 850 to display 2 meter band, and you are

on 2 meters using TS-850, with 2 meter band readout on your TS-850.

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John ZS5J

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and with transverters without major cable switching. Otherwise, you cannot
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On Mon, 12 Feb 2007, Samir Popaja wrote:

> Hello,
>
> Is any chance to connect (interface) ts-850s with transverter for 2m
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>
> Can someone write some easy "how to".
>
> Thank You
>
> Best Regards

> Samir
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

5600. Re: SV: [TS-850_450_690] ts-850s and transverter

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-02-13 16:20:14 UTC
From: Clif
Topic: 5599 Message: 5600

Looking at the schematic for the RF unit. The jack next to the driver output can be used for a transverter. A cable plugged in there with 12v on it will switch the output of the RF unit to that jack. The level will be around +4 dBm on 20m (where my readings were taken) It should be less on 10m. It can be varied by applying ALC voltage on the remote socket.

While there on the RF unit the RX input can be brought out to the rear also.

Clif

--- In TS-850_450_690@yahoogroups.com, "Samir Popaja" <samir.popaja@...> wrote:
>
> is possible to set power on in mW or up to 1w, on ts-850s.
>
> so many people have made different mods to interface ts-850s with transveter, why if that is so easy?
>
> ex. look at:
>
http://tk5ep.free.fr/tech/ts850/en/ts850_g.php#TS850S%20SEPARATE%20ANTENNA
>
> best regards
> samir, sm7vzx
>
>
> _____
>
> Från: TS-850_450_690@yahoogroups.com genom John
> Skickat: må 2007-02-12 21:52
> Till: TS-850_450_690@yahoogroups.com
> Ämne: RE: [TS-850_450_690] ts-850s and transverter
>
>
>
> I have used my TS-850 with a ten-tec 28/29mhz to 144/145 mhz transverter.
>
> Very easy to setup and use. Knock back the power to 10 watts on
>
> 850, setup menu on 850 to display 2 meter band, and you are
>
> on 2 meters using TS-850, with 2 meter band readout on your TS-850.
>

> 73
>
> John ZS5J
>
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> Down East Microwave TIB-850, which allows you to use the radio both
on HF
> and with transverters without major cable switching. Otherwise, you
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> easily switch between the transverter and HF usage.
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> 73, Zack W9SZ
>
> On Mon, 12 Feb 2007, Samir Popaja wrote:
>
> > Hello,
> >
> > Is any chance to connect (interface) ts-850s with transverter for 2m
> (Elecraft XV144) without special mods?
> >
> > Can someone write some easy "how to".
> >
> > Thank You
> >
> > Best Regards
> > Samir
> >
>
> [Non-text portions of this message have been removed]
>
>
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>
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>
>
> [Non-text portions of this message have been removed]
>

5601. RE: [TS-850_450_690] ts-850s and transverter

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-02-13 16:21:07 UTC
From: John
Topic: 5599 Message: 5601

mmmm I think to get it to mw will be difficult. My ten-tec transverter

can take up to 10 watts power from HF rig, so no problem for me.

is possible to set power on in mW or up to 1w, on ts-850s.

so many people have made different mods to interface ts-850s with
transveter, why if that is so easy?

ex. look at:
http://tk5ep.
<http://tk5ep.free.fr/tech/ts850/en/ts850_g.php#TS850S%20SEPARATE%20ANTENNA>
free.fr/tech/ts850/en/ts850_g.php#TS850S%20SEPARATE%20ANTENNA

best regards
samir, sm7vzx

[Non-text portions of this message have been removed]

5602. SV: [TS-850_450_690] ts-850s and transverter

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-02-13 20:12:47 UTC
From: Samir Popaja
Topic: 5599 Message: 5602

According to ts-850s manual, minimum power to set ts-850s is 20w.

Also, according to manual, one need to move coaxial cable from CN26 to CN25. Now one can use IF OUT to drive transverter. So far so good.

Antenna contact on ts-850s uses for receiving, IF OUT uses for driving transverter.

QUESTIONS:
-IF OUT -> How much power we have here? 1W, 1mW or...nothing in manual.
-PTT on transverter, what to use from ts-850s to PTT the transverter, how?

Samir, SM7VZX

Från: John
Skickat: ti 2007-02-13 17:21
Till: TS-850_450_690@yahoogroups.com
Ämne: RE: [TS-850_450_690] ts-850s and transverter

mmmm I think to get it to mw will be difficult. My ten-tec transverter

can take up to 10 watts power from HF rig, so no problem for me.

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http://tk5ep./
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best regards
samir, sm7vzx

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

5603. Re: [TS-850_450_690] ts-850s and transverter

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-02-14 05:14:57 UTC
From: crownhaven
Topic: 5599 Message: 5603

This is the way I used a TS-850S with a transverter, getting mw of
power. There are actually two ways:

1. Follow the instructions in the manual and change the internal
jumper. This gives mw of power out to run your transverter. The
problem is, you have to open up the radio and change the jumper back to
original position to use HF.

2. Buy a Down East Microwave TIB-850. This is their transverter
interface box that allows switching between the transverter and HF with
the single flip of a switch. It worked great for me.

The problem I had with the 850 is matching the very low output to a
particular transverter.

The better way to do all this is to buy a newer generation transverter
from Down East Microwave with relays, set up to run like a brick. RF
in, 28 Mhz at 10 watts maximum and RF out on your chosen band. Of
course you run into the same problem in terms of HF use. But, that can
be solved by using a coax switch to run RF from the transverter back
into your HF antenna system. BE SURE YOU DON'T FORGET TO TURN THE POWER
BACK DOWN WHEN YOU RETURN TO THE TRANSVERTER.

Here is the place to buy the transverter.

http://www.downeastmicrowave.com/

Regards,

Steve, N4JQQ

John wrote:

> mmmm I think to get it to mw will be difficult. My ten-tec transverter
>
> can take up to 10 watts power from HF rig, so no problem for me.
>
> is possible to set power on in mW or up to 1w, on ts-850s.
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> so many people have made different mods to interface ts-850s with
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> http://tk5ep.
> <http://tk5ep.free.fr/tech/ts850/en/ts850_g.php#TS850S%20SEPARATE%20ANTENNA
> <http://tk5ep.free.fr/tech/ts850/en/ts850_g.php#TS850S%20SEPARATE%20ANTENNA>>
> free.fr/tech/ts850/en/ts850_g.php#TS850S%20SEPARATE%20ANTENNA

>
> best regards
> samir, sm7vzx
>
> [Non-text portions of this message have been removed]
>
>

5604. Re: SV: [TS-850_450_690] ts-850s and transverter

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-02-14 18:29:16 UTC
From: kj7f
Topic: 5599 Message: 5604

The manual states RF output from the IF OUT jack in the transverter mode is 0 to +10 dBm. You must inject +12V DC into the IF OUT port to switch the 850 into the transverter mode.

Terry W7AMI

--- In TS-850_450_690@yahoogroups.com, Samir Popaja <samir.popaja@...> wrote:
>
> According to ts-850s manual, minimum power to set ts-850s is 20w.
>
> Also, according to manual, one need to move coaxial cable from CN26 to CN25. Now one can use IF OUT to drive transverter. So far so good.
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> QUESTIONS:
> -IF OUT -> How much power we have here? 1W, 1mW or...nothing in manual.
> -PTT on transverter, what to use from ts-850s to PTT the transverter, how?
>
> Samir, SM7VZX
>
>
>
>
> Från: John
> Skickat: ti 2007-02-13 17:21
> Till: TS-850_450_690@yahoogroups.com
> Ämne: RE: [TS-850_450_690] ts-850s and transverter
>
>
> mmmm I think to get it to mw will be difficult. My ten-tec transverter
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> so many people have made different mods to interface ts-850s with
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> free.fr/tech/ts850/en/ts850_g.php#TS850S%20SEPARATE%20ANTENNA
>
> best regards
> samir, sm7vzx
>
> [Non-text portions of this message have been removed]
>
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>
> [Non-text portions of this message have been removed]
>

5605. MFJ 1278 > 850S Need help preparing connectors

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-02-16 07:53:09 UTC
From: kc7fys
Topic: 5605 Message: 5605

Hello.
I am a visual thinker, and a newbie in the HF digital modes. I have an old MFJ 1278 but no connectors. I have some surplus cables, and tools--but I need a snapshot of somebody's setup, so I can see what the connectors are going to look like when I'm through. I want to see the back--how did you interface FSK with the IDC connector, the RS 232, the whole works. Can somebody upload a photo, or send me a photo or diagram of each connector needed to use my MFJ 1278 with my rig and get started?
By the way, too--has anybody ever used a USB adaptor to connect your 1278 to a PC? Would this work?
Vy 73,
7J1AWL/KC7FYS Jonathan

5606. Re: [TS-850_450_690] CAT interface on the TS-450

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-02-17 19:40:51 UTC
From: pa0mir
Topic: 5565 Message: 5606

The information on the pulse-trains, commands and codes are all in the "External Control Instruction Manual"; this will be available I think from the mods.dk website if you do not have it.
It's only 20 pages, so no big deal.
I did some research a year ago with the scope and after sending in a command I could nicely see the reply from the TS450, p.e. sending FA you get the frequency readout of VFO A.
If you use Logger32 and go into the radio control section you can have a debug window, showing what is sent to the rig and what comes out of it.
My problem is the interface with 7404, where the inputs are abt. 2 V; The TS450 of course is unable to override this; replacement 7404 gave the same result so for the time being I gave up on the frequency readout.
73
Nico, PA0MIR

----- Original Message -----
From: sparky_622000
To: TS-850_450_690@yahoogroups.com
Sent: Wednesday, February 07, 2007 7:22 PM
Subject: [TS-850_450_690] CAT interface on the TS-450

I'm pulling my hair out! I built a cat interface for my ts-450 but I can't get it to work (at least not completely). I can send commands TO the rig and they are executed but get no responses or status requests back.

I already know about the inverted data lines. Is there something else I'm missing? I have used a logic probe on it and have verified proper levels at all the pins of the acc-1 connector. The rig is just not sending any data.

One thing I did notice while looking at Kenwood's IC-232C interface schematic is a 555 timer that looks like it provides a delay to the rs-232 lines out to the computer. Don't know what the purpose of it would be but of all the interface schematics for the 450 I found, none of them use the timer.

If anyone could help me, It would be very much appreciated.

Chris - KC0TKS

[Non-text portions of this message have been removed]

5607. Re: [TS-850_450_690] Re: TS-450 need help. Very low receive audio

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-02-17 19:42:37 UTC
From: pa0mir
Topic: 5552 Message: 5607

Check the squelch pot
73
Nico

----- Original Message -----
From: o19at052
To: TS-850_450_690@yahoogroups.com
Sent: Wednesday, February 07, 2007 4:59 PM
Subject: [TS-850_450_690] Re: TS-450 need help. Very low receive audio

Hello, in whitch mode do u receive??? ssb??? then don't rf gain full
clockwise

73 Bettus PD3DX

--- In TS-850_450_690@yahoogroups.com, "ron" <sale_2_u@...> wrote:
>
> I have a TS-450 and everything seems fine except the receive audio.
If
> you put your ear close enough to the speaker you can bearly hear the
> audio, but it is receiving signals. This is with the AF and RF turned
> fully clockwise. I have just got this radio used so I could be doing
> something wrong but I don't think so. I've owned similiar radios in
the
> past. Does anyone have any suggestion as to what I may be doing
wrong.
> Or have any ideas as to what might be the cause internally? What part
> to check or replace? If checking a part, what to check for? Any
> troubleshooting methonds? I do have the operators manual. Thank's
>

[Non-text portions of this message have been removed]

5608. TS450: transmit power down...

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-02-17 22:05:07 UTC
From: Cormac & Suzanne Gebruers
Topic: 5552 Message: 5608

I've a 12 year old TS450 SAT and its never given a days trouble. Recently I made the decision that it was time to buy an additional HF rig (FT2000). The 450 must have heard me as its appears to have started sulking...

Recently (in the past 3-4 months) the transmit power has been dropping very gradually. At this stage power has fallen away to about 80 watts or so. This isn't an antenna mismatch or anything like that - its definitely the rig. The power is down with the ATU in or out - it doesn't seem to matter. In all other respects the rig is still operating perfectly.

Is this just the finals getting old (I guess such a thing happens?), or could it be something else?

Advice?

Rgds
Cormac, EI4HQ

5609. SV: SV: [TS-850_450_690] ts-850s and transverter

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-07-18 15:11:13 UTC
From: Samir Popaja
Topic: 5599 Message: 5609

Hello Terry,

Can you draw simple schema how to make this work (interfacing transverter [Elecraft XV144] to ts-850s). The manual of ts-850s is a little bit confusing.

On transverter [Elecraft XV144] side I have:
KEY IN (key line)
TXin/IF1
RXout/IF2

Thank You
SM7VZX

Från: kj7f
Skickat: on 2007-02-14 19:29
Till: TS-850_450_690@yahoogroups.com
Ämne: Re: SV: [TS-850_450_690] ts-850s and transverter

The manual states RF output from the IF OUT jack in the transverter mode is 0 to +10 dBm. You must inject +12V DC into the IF OUT port to switch the 850 into the transverter mode.

Terry W7AMI

--- In TS-850_450_690@yahoogroups.com, Samir Popaja <samir.popaja@...> wrote:
>
> According to ts-850s manual, minimum power to set ts-850s is 20w.
>
> Also, according to manual, one need to move coaxial cable from CN26 to CN25. Now one can use IF OUT to drive transverter. So far so good.
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> QUESTIONS:
> -IF OUT -> How much power we have here? 1W, 1mW or...nothing in manual.
> -PTT on transverter, what to use from ts-850s to PTT the transverter, how?
>
> Samir, SM7VZX
>
>
>
>
> Från: John

> Skickat: ti 2007-02-13 17:21
> Till: TS-850_450_690@yahoogroups.com
> Ämne: RE: [TS-850_450_690] ts-850s and transverter
>
>
> mmmm I think to get it to mw will be difficult. My ten-tec
transverter
>
> can take up to 10 watts power from HF rig, so no problem for me.
>
> is possible to set power on in mW or up to 1w, on ts-850s.
>
> so many people have made different mods to interface ts-850s with
> transveter, why if that is so easy?
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> ex. look at:
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> <http://tk5ep.free.fr/tech/ts850/en/ts850_g.php#TS850S%20SEPARATE%
20ANTENNA>
> free.fr/tech/ts850/en/ts850_g.php#TS850S%20SEPARATE%20ANTENNA
>
> best regards
> samir, sm7vzx
>
> [Non-text portions of this message have been removed]
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>

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5610. Need Document for TS850 TCXO Install

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-02-20 20:24:10 UTC
From: K4LLQ
Topic: 5610 Message: 5610

Does anyone have a copy of Kenwood's B50-8314-08 Instruction Manual for SO-2 TCXO unit? It should cover both the TS 850 and TS 450. Those are the radios I am working on.

Many Thanks, Larry K4LLQ and AAT3PY

[Non-text portions of this message have been removed]

5611. Re: [TS-850_450_690] Need Document for TS850 TCXO Install

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-02-20 20:54:42 UTC
From: ve3wej gmail
Topic: 5610 Message: 5611

I not sure what you are asking for but the ts850 has an installation on page 68 of the instruction manual

I could scan and email if you are missing that page..

----- Original Message -----
From: K4LLQ
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, February 20, 2007 3:24 PM
Subject: [TS-850_450_690] Need Document for TS850 TCXO Install

Does anyone have a copy of Kenwood's B50-8314-08 Instruction Manual for SO-2 TCXO unit? It should cover both the TS 850 and TS 450. Those are the radios I am working on.

Many Thanks, Larry K4LLQ and AAT3PY

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

5612. Re: Need Document for TS850 TCXO Install

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-02-21 02:35:59 UTC
From: ltw_1937
Topic: 5610 Message: 5612

Hi, Thanks for the offer but I have the TS 850 manual. It says there
is an instruction sheet with the TXCO. That instruction sheet is what
I am hunting. My greatest concern is how to restore the radio I am
going to remove the TXCO from so I can install it in the TS850. I am
thinking I just relink the jumpers that were cut when the install was
done but not sure.
Take Care, Larry K4LLQ and AAT3PY
--- In TS-850_450_690@yahoogroups.com, "ve3wej gmail" <ve3wej@...> wrote:
>
> I not sure what you are asking for but the ts850 has an installation
on page 68 of the instruction manual
>
>
> I could scan and email if you are missing that page..
>
>
>
> ----- Original Message -----
> From: K4LLQ
> To: TS-850_450_690@yahoogroups.com
> Sent: Tuesday, February 20, 2007 3:24 PM
> Subject: [TS-850_450_690] Need Document for TS850 TCXO Install
>
>
> Does anyone have a copy of Kenwood's B50-8314-08 Instruction
Manual for SO-2 TCXO unit? It should cover both the TS 850 and TS 450.
Those are the radios I am working on.
>
> Many Thanks, Larry K4LLQ and AAT3PY
>
> [Non-text portions of this message have been removed]
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

5613. Re: [TS-850_450_690] Re: Need Document for TS850 TCXO Install

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-02-21 15:24:26 UTC
From: James M. Nelson
Topic: 5610 Message: 5613

Larry,

As I remember, Yes. All you have to do is resolder or reinstall the two jumpers that were removed or cut when the TXCO was installed. I removed mine. Some where around here I have the spec. sheet on the TXCO. But I don't remember it having anymore information that what you would find in the manual. Looking in my TS-690 (450) it states

1. Remove the top cover of the transceiver.
2. Remove the speaker fitting.
3. Remove the shield cover of the PLL unit.
4. Disconnect coaxial connector CN3 of the PLL unit. Remove the screws holding the PC board and lift the board.
5. Cut jumpers W4 and W5.
6. Solder the SO-2 to the indicated area.
7. Insert coaxial connector CN3 and tighten the screws holding the PC board.
8. Reinstall the shield cover and speaker fitting.
9. Reinstall the top case of the transceiver.

Looking at my manual for the TS-850 it states

1. Remove the case. Refer to Section 6-6-1
2. Remove the CAR unit.
3. Disconnect connectors CN5 and CN9 of the PLL unit. Remove the screws holding the PCB, and remove the PCB.
4. Cut jumpers W1 and W2.
5. Attach the SO-2 to the indicated area. Some models may come with the SO-2 factory installed.
6. Insert CN5 and CN9, replace the PCB and carrier unit in their original positions, and tighten the screws.
Note: Avoid catching your fingers and wiring harness when closing.
7. Replace the top and bottom covers.
Note: Avoid catching your fingers and wiring harness when closing.

I hope that this helps. This should be all of the information that you would need to remove a SO-2 from a TS-450 and Install it in a TS-850.

I will look and see if I can find the spec sheet that came with my SO-2 if you would like me to and send you that information also.

james\\

KE4GWW

----- Original Message -----
From: ltw_1937
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, February 20, 2007 8:35 PM

Subject: [TS-850_450_690] Re: Need Document for TS850 TCXO Install

Hi, Thanks for the offer but I have the TS 850 manual. It says there
is an instruction sheet with the TXCO. That instruction sheet is what
I am hunting. My greatest concern is how to restore the radio I am
going to remove the TXCO from so I can install it in the TS850. I am
thinking I just relink the jumpers that were cut when the install was
done but not sure.
Take Care, Larry K4LLQ and AAT3PY
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>
> I not sure what you are asking for but the ts850 has an installation
on page 68 of the instruction manual
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> I could scan and email if you are missing that page..
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>
>
> ----- Original Message -----
> From: K4LLQ
> To: TS-850_450_690@yahoogroups.com
> Sent: Tuesday, February 20, 2007 3:24 PM
> Subject: [TS-850_450_690] Need Document for TS850 TCXO Install
>
>
> Does anyone have a copy of Kenwood's B50-8314-08 Instruction
Manual for SO-2 TCXO unit? It should cover both the TS 850 and TS 450.
Those are the radios I am working on.
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> Many Thanks, Larry K4LLQ and AAT3PY
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> [Non-text portions of this message have been removed]
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> [Non-text portions of this message have been removed]
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[Non-text portions of this message have been removed]

5614. Re: Need Document for TS850 TCXO Install

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-02-21 16:49:22 UTC
From: Clif
Topic: 5610 Message: 5614

The instruction sheet for the SO-2 Says basically "solder it in"
That's it, nothing else unless you can read some Japanese writing. It
is worthless. The owners manual for the radio tells what to do.

Clif

--- In TS-850_450_690@yahoogroups.com, "ltw_1937" <k4llq@...> wrote:
>
> Hi, Thanks for the offer but I have the TS 850 manual. It says there
> is an instruction sheet with the TXCO. That instruction sheet is what
> I am hunting. My greatest concern is how to restore the radio I am
> going to remove the TXCO from so I can install it in the TS850. I am
> thinking I just relink the jumpers that were cut when the install was
> done but not sure.
> Take Care, Larry K4LLQ and AAT3PY
> --- In TS-850_450_690@yahoogroups.com, "ve3wej gmail" <ve3wej@> wrote:
> >
> > I not sure what you are asking for but the ts850 has an installation
> on page 68 of the instruction manual
> >
> >
> > I could scan and email if you are missing that page..
> >
> >
> >
> > ----- Original Message -----
> > From: K4LLQ
> > To: TS-850_450_690@yahoogroups.com
> > Sent: Tuesday, February 20, 2007 3:24 PM
> > Subject: [TS-850_450_690] Need Document for TS850 TCXO Install
> >
> >
> > Does anyone have a copy of Kenwood's B50-8314-08 Instruction
> Manual for SO-2 TCXO unit? It should cover both the TS 850 and TS 450.
> Those are the radios I am working on.
> >
> > Many Thanks, Larry K4LLQ and AAT3PY
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> > [Non-text portions of this message have been removed]

> >
>

5615. yk-455c-1

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-02-23 15:27:27 UTC
From: RADIO reflectors
Topic: 5615 Message: 5615

Hello, TS-850.

Hello, everybody!
Recently I have asked about this(yk-455c-1) filter .... Thanks a lot
for the answers ...
But I am very interesting is this quartz(as yg-455c-1) or
mechanical filter...? Nothing found about it in the net ...
If anybody has this info please inform me ... Thanks and the best
wishes from St.Petersburg...

Best regards,
Vlad Sidorov, RV1CC
http://www.qsl.net/rv1cc
ICQ#302854613

5616. Re: [TS-850_450_690] yk-455c-1

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-02-23 16:56:32 UTC
From: Tracey Gardner
Topic: 5615 Message: 5616

It's a crystal filter

73s Tracey

----- Original Message -----
From: "RADIO reflectors" <hamradio-spb@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Friday, February 23, 2007 1:52 PM
Subject: [TS-850_450_690] yk-455c-1

> Hello, TS-850.
>
> Hello, everybody!
> Recently I have asked about this(yk-455c-1) filter .... Thanks a lot
> for the answers ...
> But I am very interesting is this quartz(as yg-455c-1) or
> mechanical filter...? Nothing found about it in the net ...
> If anybody has this info please inform me ... Thanks and the best
> wishes from St.Petersburg...
>
> -------------------------
> Best regards,
> Vlad Sidorov, RV1CC
> http://www.qsl.net/rv1cc
> ICQ#302854613
>
>
>
> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups - Join or create groups, clubs, forums & communities.
> Links
>
>
>
>
>
>
>
> --
> No virus found in this incoming message.
> Checked by AVG Free Edition.
> Version: 7.5.441 / Virus Database: 268.18.3/696 - Release Date: 21/02/2007
> 15:19
>

5617. Re[2]: [TS-850_450_690] yk-455c-1

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-02-23 18:20:58 UTC
From: RADIO reflectors
Topic: 5615 Message: 5617

Hello, Tracey.

> It's a crystal filter

> 73s Tracey

Dear Tracey! Thanks for the info ... Regards!

Best regards,
Vlad Sidorov, RV1CC
http://www.qsl.net/rv1cc
ICQ#302854613

5618. Microphone cable needed

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-02-24 22:38:15 UTC
From: genesisjoe2001
Topic: 5618 Message: 5618

I just purchased a Heli Microphone EQ and need a cable that can go between the EQ and my TS-690.
Are there any pre-wired cabled for this job?
Thanks in advance.
Joe

5619. Re: [TS-850_450_690] Microphone cable needed

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-02-24 22:56:29 UTC
From: ve3wej gmail
Topic: 5618 Message: 5619

check out heil website, they should show accessories there...

----- Original Message -----
From: genesisjoe2001
To: TS-850_450_690@yahoogroups.com
Sent: Saturday, February 24, 2007 5:38 PM
Subject: [TS-850_450_690] Microphone cable needed

I just purchased a Heli Microphone EQ and need a cable that can go
between the EQ and my TS-690.
Are there any pre-wired cabled for this job?
Thanks in advance.
Joe

[Non-text portions of this message have been removed]

5620. Re: [TS-850_450_690] Microphone cable needed

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-02-25 00:30:59 UTC
From: crownhaven@bellsouth.net
Topic: 5618 Message: 5620

I believe you would get that from Heil.
>
> From: "genesisjoe2001" <caludaj@...>
> Date: 2007/02/24 Sat PM 05:38:15 EST
> To: TS-850_450_690@yahoogroups.com
> Subject: [TS-850_450_690] Microphone cable needed
>
> I just purchased a Heli Microphone EQ and need a cable that can go
> between the EQ and my TS-690.
> Are there any pre-wired cabled for this job?
> Thanks in advance.
> Joe
>
>
>
>

5621. Kenwood 450SAT 60 m mod ??

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-02-25 15:16:30 UTC
From: nu4n2000
Topic: 5621 Message: 5621

Anyone have a website etc etc on how to mod the 450 for 60 meters ??

Thanks in advance to all.

73's de NU4N/Dave

5622. Re: [TS-850_450_690] Kenwood 450SAT 60 m mod ??

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-02-25 15:24:05 UTC
From: Brian K. Gaskamp
Topic: 5621 Message: 5622

Try www.mods.dk should be some good info there.

73,
Brian
----- Original Message -----
From: nu4n2000
To: TS-850_450_690@yahoogroups.com
Sent: Sunday, February 25, 2007 9:16 AM
Subject: [TS-850_450_690] Kenwood 450SAT 60 m mod ??

Anyone have a website etc etc on how to mod the 450 for 60 meters ??

Thanks in advance to all.

73's de NU4N/Dave

[Non-text portions of this message have been removed]

5623. Re: [TS-850_450_690] Kenwood 450SAT 60 m mod ??

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-02-25 15:57:41 UTC
From: ve3wej gmail
Topic: 5621 Message: 5623

also try google and www.kb2ljj.com

----- Original Message -----
From: Brian K. Gaskamp
To: TS-850_450_690@yahoogroups.com
Sent: Sunday, February 25, 2007 10:24 AM
Subject: Re: [TS-850_450_690] Kenwood 450SAT 60 m mod ??

Try www.mods.dk should be some good info there.

73,
Brian
----- Original Message -----
From: nu4n2000
To: TS-850_450_690@yahoogroups.com
Sent: Sunday, February 25, 2007 9:16 AM
Subject: [TS-850_450_690] Kenwood 450SAT 60 m mod ??

Anyone have a website etc etc on how to mod the 450 for 60 meters ??

Thanks in advance to all.

73's de NU4N/Dave

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

5624. Re: [TS-850_450_690] Kenwood 450SAT 60 m mod ??

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-02-25 15:59:20 UTC
From: ve3wej gmail
Topic: 5621 Message: 5624

also try this

http://www.ham.dmz.ro/kenwood/ts-450s-general-coverage-transmisson-modification.php
----- Original Message -----
From: nu4n2000
To: TS-850_450_690@yahoogroups.com
Sent: Sunday, February 25, 2007 10:16 AM
Subject: [TS-850_450_690] Kenwood 450SAT 60 m mod ??

Anyone have a website etc etc on how to mod the 450 for 60 meters ??

Thanks in advance to all.

73's de NU4N/Dave

[Non-text portions of this message have been removed]

5625. Re: [TS-850_450_690] Kenwood 450SAT 60 m mod ??

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-02-25 17:08:52 UTC
From: Zack Widup
Topic: 5621 Message: 5625

Check out http://www.mods.dk

I know in the 440 and 850, you open up the transmit range to the entire shortwave spectrum by removing a diode. I have done this mod to my radios (I use it responsibly - i.e. only on 60 meters and with transverters with oddball IF's like 22 MHz).

If it can be done (and based on other Kenwood radios I imagine it can) full instructions will be at the mods.dk site.

73, Zack W9SZ

On Sun, 25 Feb 2007, nu4n2000 wrote:

> Anyone have a website etc etc on how to mod the 450 for 60 meters ??
>
> Thanks in advance to all.
>
> 73's de NU4N/Dave
>

5626. TS-850SAT 15M Distortion And No ALC

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-02-26 03:44:44 UTC
From: Ken Winterling
Topic: 5626 Message: 5626

Good evening,

I have an interesting problem for you TS-850S repair experts regarding a problem on 15M (21mHz). I will describe it in a moment but first a bit of background. I have two TS-850SAT on the bench that belong to a friend of mine, a good bench tech. He has tried for a while to resolve the problem, identical in both rigs, and finally gave them to me to get a "second opinion" and a fresh approach. I, too, have been unable to correct the problem in either of his rigs. He also owns a third TS-850SAT that has the same problem but he is using it in his shack and I have not tested it.

The serial numbers of his three radios range from early to late production and have both the old and new DDS chips. All three have the internal antenna tuner. We also have a few friends who own a TS-850SAT. All of them have serial numbers in various ranges and contain old and new DDS chips as well as internal antenna tuners. My friend has duplicated his 15M test on three of their rigs and all but one exhibit the same problem.

Now for the problem and test set up. All of the rigs, with the one exception noted above, work properly EXCEPT on 15M. On that band, unlike the other bands, if you turn up the mic gain you do not get any ALC indication on the internal meter and the output power continues to climb. The transmitted signal becomes quite distorted and broad as monitored on a separate receiver.

The test equipment set up consists of a 2 tone generator connected to the front panel mic jack, an oscilloscope monitoring the transmitted RF signal, and a dummy load connected to the transmitter. Injecting the 2 tone signal while the rig is set to 15M and increasing the mic gain produces a test pattern on the oscilloscope that flat tops and broadens as the mic gain is turned to maximum. There is no ALC indication on the rig's meter and the RF output continues to climb. On the other bands a point is reached where the power output does not increase even if the mic gain is advanced to maximum and an ALC level is indicated on the rig's meter. This is an indication that the ALC is working. The same test has been repeated on all of the other rigs with the same result with the one notable exception mentioned above.

The above behavior leads us to suspect that the ALC is not functioning on 15M but we can not determine the cause. We do not believe the vintage of the DDS chips plays a part in this since rigs with both old and new versions are affected in a like manner. My friend made an interesting observation regarding power output. He noted that if the "all power down" switch on the RF unit is set to the low power position, approximately 50W, all of the rigs operate normally on 15M with good ALC action on all bands. This switch is common to all bands so we do not see how this should affect operation of

the ALC on just 15M.

We need your help. If the problem was confined to one rig we would keep digging, parts swapping, or take the "shotgun" approach. However, five (5) rigs have been observed exhibiting the same behavior so we are considering there may be a design issue. If you have the proper test gear we would appreciate it if you would repeat our test on your rig and report your findings. If you don't have test gear you can still check ALC action and power output on 15M compared to 80M or 40M. Listen to your 15M signal if you have another receiver. Report your findings.

Thanks to all for your assistance,

Ken, WA2LBI

[Non-text portions of this message have been removed]

5627. Re: Kenwood 450SAT 60 m mod ??

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-02-26 06:20:23 UTC
From: Scott L.
Topic: 5621 Message: 5627

--- In TS-850_450_690@yahoogroups.com, "nu4n2000" <dwtucker19@...> wrote:
>
> Anyone have a website etc etc on how to mod the 450 for 60 meters ??
>
> Thanks in advance to all.
>
> 73's de NU4N/Dave
>

Did anyone successfully find if this is possible with the TS-450SAT? I looked at the mods pages everyone mentioned, and basically were the same things. With the diode mod, I can rx to 40.000.

Did I miss something? I'd love for my 450SAT to act like a TS-690 but have strong doubts.

73--Scott
KN3A

5628. Re: [TS-850_450_690] Re: Kenwood 450SAT 60 m mod ??

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-02-26 13:45:18 UTC
From: crownhaven
Topic: 5621 Message: 5628

I use my TS-450S on 60 meters frequently. It works great. Same mod
everyone else is using.

Scott L. wrote:

> --- In TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>, "nu4n2000" <dwtucker19@...>
> wrote:
> >
> > Anyone have a website etc etc on how to mod the 450 for 60 meters ??
> >
> > Thanks in advance to all.
> >
> > 73's de NU4N/Dave
> >
>
> Did anyone successfully find if this is possible with the TS-450SAT? I
> looked at the mods pages everyone mentioned, and basically were the
> same things. With the diode mod, I can rx to 40.000.
>
> Did I miss something? I'd love for my 450SAT to act like a TS-690 but
> have strong doubts.
>
> 73--Scott
> KN3A
>
>

5629. Re: Kenwood 450SAT 60 m mod ??

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-02-26 22:05:07 UTC
From: Clif
Topic: 5621 Message: 5629

There is only 1 OOB mod for the US 450/690. It is the Mars/Cap mod. It allows TX from 1.5-30mHz continous. I think you will find 60m is in that range somewhere.

Clif

--- In TS-850_450_690@yahoogroups.com, "Scott L." <scottpa1960@...> wrote:
>
> --- In TS-850_450_690@yahoogroups.com, "nu4n2000" <dwtucker19@> wrote:
> >
> > Anyone have a website etc etc on how to mod the 450 for 60 meters ??
> >
> > Thanks in advance to all.
> >
> > 73's de NU4N/Dave
> >
>
> Did anyone successfully find if this is possible with the TS-450SAT? I
> looked at the mods pages everyone mentioned, and basically were the
> same things. With the diode mod, I can rx to 40.000.
>
> Did I miss something? I'd love for my 450SAT to act like a TS-690 but
> have strong doubts.
>
> 73--Scott
> KN3A
>

5630. Re: TS-850SAT 15M Distortion And No ALC

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-02-27 00:01:50 UTC
From: Randy Brothers K9OR
Topic: 5626 Message: 5630

Ken,

Having experience with several different 850's, I recognize the situation you describe. I suggest that you make the service manual adjustments (VR7 etc) for proper adjustment of alc and power with the radio set to 15m. For some reason, if you do the procedure as suggested for 20m, or any other band, 15m will then behave the way you describe. Dunno why they're finicky that way, but if set to 15 first, the other bands generally fall in line. You may not get the same range of alc reading on each band, but you should be able to get 100w (or more) power everywhere without distortion.

If K0ZL is reading, he may provide a more technical description.

73 Randy K9OR

5631. ts850 birdies and AF-RF pot

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-02-26 23:13:30 UTC
From: weak_signals
Topic: 5631 Message: 5631

Hello all
I'm new.

Of course I'm looking for the DSP-100.
I have a broken RF/AF pot. The AF inside one turns all the way around.
Anyone have one?
Where should I get one?

I have signals that shouldn't be there on an 850
I was able to do a side-by-side test with another 850.

With and without the antenna there are signals with narrow separation
on the band about 6kc.

The birdies are not as noticeable with the antenna, but still quite
apparent.

I think I heard the birdies on 40, 30, 20 meters.
I suspect they will be on all bands

I suspect a loose connection or a capacitor on the display / logic board?

Anyone run into this?

5632. Re: [TS-850_450_690] Re: TS-850SAT 15M Distortion And No ALC

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-02-27 00:52:52 UTC
From: Ken Winterling
Topic: 5626 Message: 5632

Randy,

THANKS! At least it is something to try. If this is indeed the problem it would explain why so many of them we checked behaved the same - they had been aligned according to the factory service manual. I had followed the service manual procedure when I could find nothing wrong and ended up with no change when I was done. I expect to get to one of the two rigs sometime this week and will report my results.

73,

Ken, WA2LBI

On 2/26/07, Randy Brothers K9OR <k9or@...> wrote:
>
> Ken,
>
> Having experience with several different 850's, I recognize the
> situation you describe. I suggest that you make the service manual
> adjustments (VR7 etc) for proper adjustment of alc and power with the
> radio set to 15m. For some reason, if you do the procedure as suggested
> for 20m, or any other band, 15m will then behave the way you describe.
> Dunno why they're finicky that way, but if set to 15 first, the other
> bands generally fall in line. You may not get the same range of alc
> reading on each band, but you should be able to get 100w (or more)
> power everywhere without distortion.
>
> If K0ZL is reading, he may provide a more technical description.
>
> 73 Randy K9OR
>
>

[Non-text portions of this message have been removed]

5633. Microphone Cable Help Needed

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-02-28 13:57:58 UTC
From: caludaj@charter.net
Topic: 5633 Message: 5633

I am trying to locate a pre-wired 8-pin female to 8-pin female microphone cable so I can use a Heil Microphone EQ in between my mic and my TS-690.
Does anyone make up theses pre-wired cables?
Thanks in advance.
Joe AA5HP

5634. Re: [TS-850_450_690] Microphone Cable Help Needed

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-02-28 16:08:25 UTC
From: w0myz
Topic: 5633 Message: 5634

Burghardt makes up a lot of cables you may want to try them. 800-927-4261
Al w0myz
-----Original Message-----
From: caludaj@... <caludaj@...>
To: TS-850_450_690@yahoogroups.com <TS-850_450_690@yahoogroups.com>
Date: Wednesday, February 28, 2007 9:48 AM
Subject: [TS-850_450_690] Microphone Cable Help Needed

>I am trying to locate a pre-wired 8-pin female to 8-pin female microphone cable so I can use a Heil Microphone EQ in between my mic and my TS-690.
>Does anyone make up theses pre-wired cables?
>Thanks in advance.
>Joe AA5HP
>
>
>
>
>THANKS FOR USING TS-850_450_690@...
>Yahoo! Groups Links
>
>
>

5635. Re: [TS-850_450_690] Microphone Cable Help Needed

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-02-28 17:21:06 UTC
From: caludaj@charter.net
Topic: 5633 Message: 5635

Thanks for the tip.
I shot them an email and hopefully they will have one.
Joe AA5HP

---- w0myz <w0myz@...> wrote:
> Burghardt makes up a lot of cables you may want to try them. 800-927-4261
> Al w0myz
> -----Original Message-----
> From: caludaj@... <caludaj@...>
> To: TS-850_450_690@yahoogroups.com <TS-850_450_690@yahoogroups.com>
> Date: Wednesday, February 28, 2007 9:48 AM
> Subject: [TS-850_450_690] Microphone Cable Help Needed
>
>
> >I am trying to locate a pre-wired 8-pin female to 8-pin female microphone
> cable so I can use a Heil Microphone EQ in between my mic and my TS-690.
> >Does anyone make up theses pre-wired cables?
> >Thanks in advance.
> >Joe AA5HP
> >
> >
> >
> >
> >THANKS FOR USING TS-850_450_690@...
> >Yahoo! Groups Links
> >
> >
> >
>

5636. Re: [TS-850_450_690] Microphone Cable Help Needed

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-02-28 20:20:15 UTC
From: dave schertzer
Topic: 5633 Message: 5636

I think I have a spare 8wire cord which is close to new...checking. If u buy the connectors it's a 1-1 solder connection, easy. I made one fer my TS850SAT and extended the reach to 3m !

dave

w0myz <w0myz@...> wrote:
Burghardt makes up a lot of cables you may want to try them. 800-927-4261
Al w0myz
-----Original Message-----
From: caludaj@... <caludaj@...>
To: TS-850_450_690@yahoogroups.com <TS-850_450_690@yahoogroups.com>
Date: Wednesday, February 28, 2007 9:48 AM
Subject: [TS-850_450_690] Microphone Cable Help Needed

>I am trying to locate a pre-wired 8-pin female to 8-pin female microphone cable so I can use a Heil Microphone EQ in between my mic and my TS-690.
>Does anyone make up theses pre-wired cables?
>Thanks in advance.
>Joe AA5HP
>
>
>
>
>THANKS FOR USING TS-850_450_690@...
>Yahoo! Groups Links
>
>
>

Now that's room service! Choose from over 150,000 hotels
in 45,000 destinations on Yahoo! Travel to find your fit.

[Non-text portions of this message have been removed]

5637. MFJ1278 TNC to 850 8-PIN Please check my connections.

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-03-02 01:10:30 UTC
From: kc7fys
Topic: 5637 Message: 5637

I'm soldering up a connector to connect to my MFJ1278 TNC.
Am I OK with these connections?

5PIN DIN Connector>8-PIN KENWOOD
1.Mic Audio>1
2.Ground>7,8
3.PTT>2
4.Rec.Audio>SPKR (does this mean the pin of the spkr jack?)

A pigtail 5-PIN DIN cable comes with the MFJ, but I have a DIN plug
and a pigtailed Kenwood 8-PIN plug and cable from Akihabara, Tokyo.
Are my above connections correct for this radio? And what about FSK?
And... shouldn't I be using one of the accessory jacks on the back
instead of the front mic connector? (I've owned the radio for years,
and never had the mic plugged in--I'm a CW operator, primarily--moving
into HF packet.)
Best regards, and thanks for any/all comments. (You won't hurt my
feelings if you point out glaring errors in my thinking--I'm still
learning.)
73 Jonathan 7J1AWL

5638. Re: [TS-850_450_690] Digest Number 1276

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-03-02 10:59:47 UTC
From: bud Thompson
Topic: 5638 Message: 5638

You would be ahead to use the 13 pin Din ACC2
connector on the back of the radio to connect to the five-pin connector of
the MFJ.

This will provide receive audio to the MFJ at a fixed level so will not
require adjusting the volume control for receiving and let you keep the
speaker volume at a good listening level or down to not be heard.

If you use the mic connector approach you'll have to take the wire for pin 4
of the 5-pin connector from the MFJ to the external speaker jack on the back
panel of the radio. You will have to adjust the volume control for best
operation of the
MFJ and live with what ever is coming out of the speaker while operating. It
may be too high or to low for comfortable listening.

The 13 pin Din is more difficult to solder but worth the effort.

For the MFJ the hook up would be

MFJ 850 13 pin or 850 mic connector

1 TX audio 11 1
2 Gnd 4 or 8 or 12 7 or 8
3 PTT 13 2
4 Rx audio 3 NC - go to speaker
jack
5 NC

bud N0IA

----- Original Message -----
From: TS-850_450_690@yahoogroups.com
To: TS-850_450_690@yahoogroups.com
Sent: Friday, March 02, 2007 03:53
Subject: [TS-850_450_690] Digest Number 1276

Kenwood TS-850_450_690
Messages In This Digest (1 Message)
1. MFJ1278 TNC to 850 8-PIN Please check my connections. From: kc7fys
View All Topics | Create New Topic Message
1. MFJ1278 TNC to 850 8-PIN Please check my connections.
Posted by: "kc7fys" kc7fys@... kc7fys
Thu Mar 1, 2007 5:53 pm (PST)
I'm soldering up a connector to connect to my MFJ1278 TNC.
Am I OK with these connections?

5PIN DIN Connector>8-PIN KENWOOD
1.Mic Audio>1
2.Ground>7,8
3.PTT>2
4.Rec.Audio>SPKR (does this mean the pin of the spkr jack?)

A pigtail 5-PIN DIN cable comes with the MFJ, but I have a DIN plug
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and never had the mic plugged in--I'm a CW operator, primarily--moving
into HF packet.)
Best regards, and thanks for any/all comments. (You won't hurt my
feelings if you point out glaring errors in my thinking--I'm still
learning.)
73 Jonathan 7J1AWL

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Y! Web Hosting
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with the world.
Yahoo! Groups
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in 3 easy steps.
Connect with others.
Need to Reply?
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Messages | Files | Photos | Links | Database | Polls | Members | Calendar
THANKS FOR USING TS-850_450_690@...

Change settings via the Web (Yahoo! ID required)
Change settings via email: Switch delivery to Individual | Switch format to
Traditional
Visit Your Group | Yahoo! Groups Terms of Use | Unsubscribe

No virus found in this incoming message.
Checked by AVG Free Edition.
Version: 7.5.446 / Virus Database: 268.18.4/705 - Release Date: 2/27/2007
3:24 PM

5639. Re: Digest Number 1276

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-03-02 14:02:24 UTC
From: Richard Ferch
Topic: 5638 Message: 5639

Jonathan,

I agree that you should use the 13-pin ACC1, but perhaps with a change from what Bud suggests: for PTT in principle you should use pin 9 for digital modes, which mutes the front-panel microphone connection (although if you don't have a microphone plugged in, this works the same as pin 13). Also, note that there are three grounds on ACC2; 4 is the ground corresponding to AF out 3, 12 is the ground corresponding to AF in 11, and 8 is the ground for PTT (9 or 13). The MFJ ties all three of these grounds together in its pin 2.

You also asked about FSK. IIRC, this only works on RTTY and AMTOR, not on Packet. On the TS-850, FSK RTTY keying is through a separate RCA jack on the back of the radio. On the MFJ-1278, FSK is taken from the TTL header - the FSK pin is 3rd from the right. So you would need to make up a separate cable from the TTL header to the 850's FSK keying input to do FSK RTTY.

There is a possibility that your FSK RTTY keying will be "upside-down". If this happens, there are two ways to adjust the polarity. One is inside the MFJ, on JMP14. The other (easier) one is the TS-850's power-on menu item number 11.

All that being said, I have found that the free MMTTY software is FAR superior to the MFJ-1278 for RTTY (AFSK and FSK). There is also sound card software available for Packet - I have never tried HF Packet, so I can't tell you how well the software works.

73,
Rich VE3KI

--- In TS-850_450_690@yahoogroups.com, "bud Thompson" <budt@...> wrote:
>
>
> You would be ahead to use the 13 pin Din ACC2
> connector on the back of the radio to connect to the five-pin connector of
> the MFJ.
>
> This will provide receive audio to the MFJ at a fixed level so will not
> require adjusting the volume control for receiving and let you keep the
> speaker volume at a good listening level or down to not be heard.
>

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> of the 5-pin connector from the MFJ to the external speaker jack on
the back
> panel of the radio. You will have to adjust the volume control for
best
> operation of the
> MFJ and live with what ever is coming out of the speaker while
operating. It
> may be too high or to low for comfortable listening.
>
> The 13 pin Din is more difficult to solder but worth the effort.
>
> For the MFJ the hook up would be
>
> MFJ 850 13 pin or 850 mic
connector
>
> 1 TX audio 11 1
> 2 Gnd 4 or 8 or 12 7 or 8
> 3 PTT 13 2
> 4 Rx audio 3 NC - go
to speaker
> jack
> 5 NC
>
> bud N0IA
>
> ----- Original Message -----
> From: TS-850_450_690@yahoogroups.com
> To: TS-850_450_690@yahoogroups.com
> Sent: Friday, March 02, 2007 03:53
> Subject: [TS-850_450_690] Digest Number 1276
>
>
> Kenwood TS-850_450_690
> Messages In This Digest (1 Message)
> 1. MFJ1278 TNC to 850 8-PIN Please check my connections. From:
kc7fys
> View All Topics | Create New Topic Message
> 1. MFJ1278 TNC to 850 8-PIN Please check my connections.
> Posted by: "kc7fys" kc7fys@... kc7fys
> Thu Mar 1, 2007 5:53 pm (PST)
> I'm soldering up a connector to connect to my MFJ1278 TNC.
> Am I OK with these connections?
>
> 5PIN DIN Connector>8-PIN KENWOOD
> 1.Mic Audio>1
> 2.Ground>7,8
> 3.PTT>2

> 4.Rec.Audio>SPKR (does this mean the pin of the spkr jack?)
>
> A pigtail 5-PIN DIN cable comes with the MFJ, but I have a DIN plug
> and a pigtailed Kenwood 8-PIN plug and cable from Akihabara, Tokyo.
> Are my above connections correct for this radio? And what about FSK?
> And... shouldn't I be using one of the accessory jacks on the back
> instead of the front mic connector? (I've owned the radio for years,
> and never had the mic plugged in--I'm a CW operator, primarily--
moving
> into HF packet.)
> Best regards, and thanks for any/all comments. (You won't hurt my
> feelings if you point out glaring errors in my thinking--I'm still
> learning.)
> 73 Jonathan 7J1AWL
>
>
> Back to top Reply to sender | Reply to group | Reply via web post
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the Daily
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Calendar
> THANKS FOR USING TS-850_450_690@...
>
> Change settings via the Web (Yahoo! ID required)
> Change settings via email: Switch delivery to Individual | Switch
format to
> Traditional

> Visit Your Group | Yahoo! Groups Terms of Use | Unsubscribe
>
>
>
>
> No virus found in this incoming message.
> Checked by AVG Free Edition.
> Version: 7.5.446 / Virus Database: 268.18.4/705 - Release Date:
2/27/2007
> 3:24 PM
>

5640. Re: MFJ1278 TNC to 850 8-PIN Please check my connections.

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-03-02 15:38:22 UTC
From: n5kzw
Topic: 5637 Message: 5640

Jonathan, I can't speak to the accuracy of your connections, but I can offer a few suggestions.

The 13-pin DIN connector sounds like the better route, but as has been pointed out, it is a bear to connect to. If you cannot get a pre-wired 13-pin DIN with pigtail, you might want to go to Radio Shack and pick up 9-pin RS-232 connector kit with loose female sockets (or carefully break up a spare female RS-232 connector). Make your connections to the loose sockets and then just slide them on the pins at the rear of the 13-pin DIN plug. Some small heat shrink tubing over the sockets provides a little additional grip on the DIN pins.

Since you already have the pigtail for the TNC, consider using a terminal block to connect the two cables together. That way, if you ever change rigs or TNCs, you can re-use at least half of your cable without having to cut off an end.

Regards,
Ed

--- In TS-850_450_690@yahoogroups.com, "kc7fys" <kc7fys@...> wrote:
>
> I'm soldering up a connector to connect to my MFJ1278 TNC.
> Am I OK with these connections?
>
> 5PIN DIN Connector>8-PIN KENWOOD
> 1.Mic Audio>1
> 2.Ground>7,8
> 3.PTT>2
> 4.Rec.Audio>SPKR (does this mean the pin of the spkr jack?)
>
> A pigtail 5-PIN DIN cable comes with the MFJ, but I have a DIN plug
> and a pigtailed Kenwood 8-PIN plug and cable from Akihabara, Tokyo.
> Are my above connections correct for this radio? And what about FSK?
> And... shouldn't I be using one of the accessory jacks on the back
> instead of the front mic connector? (I've owned the radio for years,
> and never had the mic plugged in--I'm a CW operator, primarily--moving
> into HF packet.)
> Best regards, and thanks for any/all comments. (You won't hurt my
> feelings if you point out glaring errors in my thinking--I'm still
> learning.)
> 73 Jonathan 7J1AWL
>

5641. TS-450S PDF ??

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-03-03 12:14:56 UTC
From: WZ4I
Topic: 5641 Message: 5641

Looking for a link to DL a PDF of the owners manual for the KW TS-450S......

Tnx

73 and good DX
WZ4I - Mark

5642. Re: TS-450S PDF ??

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-03-03 12:28:41 UTC
From: Ron
Topic: 5641 Message: 5642

Go out to the Kenwood USA web site under support. They have the
manual out there for free download.

http://www.kenwoodusa.com/support/simple.aspx?men=2&M2=71&M3=100

73

Ron - AG1P

--- In TS-850_450_690@yahoogroups.com, "WZ4I" <wz4i@...> wrote:
>
> Looking for a link to DL a PDF of the owners manual for the KW
> TS-450S......
>
> Tnx
>
> 73 and good DX
> WZ4I - Mark
>

5643. Re: [TS-850_450_690] TS-450S PDF ??

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-03-03 13:00:46 UTC
From: ve3wej gmail
Topic: 5641 Message: 5643

it is amazing what you find when using a search engine

http://www.mods.dk/index.php?ListManuals=kenwood

and scoll down

----- Original Message -----
From: WZ4I
To: TS-850_450_690@yahoogroups.com
Sent: Saturday, March 03, 2007 7:14 AM
Subject: [TS-850_450_690] TS-450S PDF ??

Looking for a link to DL a PDF of the owners manual for the KW
TS-450S......

Tnx

73 and good DX
WZ4I - Mark

[Non-text portions of this message have been removed]

5644. Re: TS-450S PDF ??

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-03-03 12:42:20 UTC
From: WZ4I
Topic: 5641 Message: 5644

Duh...

I looked there, but must have overlooked it.

Tnx

--- In TS-850_450_690@yahoogroups.com, "Ron" <bitwdlr@...> wrote:
>
> Go out to the Kenwood USA web site under support. They have the
> manual out there for free download.
>
> http://www.kenwoodusa.com/support/simple.aspx?men=2&M2=71&M3=100
>
> 73
>
> Ron - AG1P
>
>
> --- In TS-850_450_690@yahoogroups.com, "WZ4I" <wz4i@> wrote:
> >
> > Looking for a link to DL a PDF of the owners manual for the KW
> > TS-450S......
> >
> > Tnx
> >
> > 73 and good DX
> > WZ4I - Mark
> >
>

5645. Re: [TS-850_450_690] TS-450S PDF ??

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-03-03 12:37:19 UTC
From: Colin J Thomson - G6AVK
Topic: 5641 Message: 5645

Hi Mark,

On Saturday 03 March 2007 12:14:56 pm WZ4I wrote:
> Looking for a link to DL a PDF of the owners manual for the KW
> TS-450S......

You will find what you need here, user and service manuals:

http://www.wz5q.net/index/manuals.htm

73'es Colin - G6AVK
--
Fedora Core 6 ("Zod")
KDE-Redhat-3.5.6-4.fc6
Registered Linux user number #342953

5646. Re: [TS-850_450_690] TS-450S PDF ??

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-03-03 18:33:18 UTC
From: Robert Kincaid
Topic: 5641 Message: 5646

Mark
I got mine from hamftp. It is one of the yahoo groups,
at work will look it up later. They also have the
service manual.

Robert n0cki

--- WZ4I <wz4i@...> wrote:

> Looking for a link to DL a PDF of the owners manual
> for the KW
> TS-450S......
>
> Tnx
>
> 73 and good DX
> WZ4I - Mark
>
>
>

_____
We won't tell. Get more on shows you hate to love
(and love to hate): Yahoo! TV's Guilty Pleasures list.
http://tv.yahoo.com/collections/265

5647. Re: [TS-850_450_690] Re: TS-850SAT 15M Distortion And No ALC

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-03-04 20:30:39 UTC
From: Ken Winterling
Topic: 5626 Message: 5647

Randy,

I spent a couple more hours on this rig (no ALC on 15M and distorted 2 tone output) and have not made any significant progress. I did as you suggested and used 21.200 while adjusting VR7 etc for proper adjustment of alc and power. I don't have a spectrum analyzer or a tracking generator so I can't do a proper job of aligning the BP filters as specified in the service manual. I get an ALC reading is every other band except 21-22.

Do you, Bill, K0ZL, Clif, KA5IPF, or any of the other TS-850S service experts have any further words of wisdom?

Thanks,

Ken, WA2LBI

On 2/26/07, Ken Winterling <wa2lbi@... > wrote:
>
> Randy,
>
> THANKS! At least it is something to try. If this is indeed the problem
> it would explain why so many of them we checked behaved the same - they had
> been aligned according to the factory service manual. I had followed the
> service manual procedure when I could find nothing wrong and ended up with
> no change when I was done. I expect to get to one of the two rigs sometime
> this week and will report my results.
>
> 73,
>
> Ken, WA2LBI
>
>
>
> On 2/26/07, Randy Brothers K9OR <k9or@... > wrote:
> >
> > Ken,
> >
> > Having experience with several different 850's, I recognize the
> > situation you describe. I suggest that you make the service manual
> > adjustments (VR7 etc) for proper adjustment of alc and power with the
> > radio set to 15m. For some reason, if you do the procedure as suggested
> > for 20m, or any other band, 15m will then behave the way you describe.
> > Dunno why they're finicky that way, but if set to 15 first, the other
> > bands generally fall in line. You may not get the same range of alc
> > reading on each band, but you should be able to get 100w (or more)
> > power everywhere without distortion.

> >
> > If K0ZL is reading, he may provide a more technical description.
> >
> > 73 Randy K9OR
> >
> >

[Non-text portions of this message have been removed]

5648. MFJ 1278/ACC2 connections Part II

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-03-05 01:18:35 UTC
From: kc7fys
Topic: 5648 Message: 5648

You would be ahead to use the 13 pin Din ACC2 connector on the back of the radio to connect to the five-pin connector of the MFJ.
This will provide receive audio to the MFJ at a fixed level so will not require adjusting the volume control for receiving and let you keep the speaker volume at a good listening level or down to not be heard.

OK, I'll use the 13PIM ACC2. I got the connector in Akihabara yesterday. Bud, you advised thus:

MFJ 850 13 pin or 850 mic connector
1 TX audio 11 1
2 Gnd 4 or 8 or 12 7 or 8
3 PTT 13 2
4 Rx audio 3 NC - go to
speaker jack
5 NCI'm pleading my own idiocy on this one, fellas. I see five choices for pin 2's ground connection. And then Richard goes on to say...
I agree that you should use the 13-pin ACC1, but perhaps with a change from what Bud suggests: for PTT in principle you should use pin 9 for digital modes, which mutes the front-panel microphone connection (although if you don't have a microphone plugged in, this works the same as pin 13).
So, for pin PTT (pin3) I can use 9 or 13 to the same effect. I will use 9 as per Richard's advice.
Also, note that there are three grounds on ACC2; 4 is the ground corresponding to AF out 3, 12 is the ground corresponding to AF in 11, and 8 is the ground for PTT (9 or 13). The MFJ ties all three of these grounds together in its pin 2.
OK, so then pin2, ground will be soldered to pin 2 of the 13PIN DIN connector. Bud gave me five choices, Richard suggests pin 2, so I'll put 'em all together and use pin 2.
You also asked about FSK. IIRC, this only works on RTTY and AMTOR, not on Packet. On the TS-850, FSK RTTY keying is through a separate RCA jack on the back of the radio. On the MFJ-1278, FSK is taken from the TTL header - the FSK pin is 3rd from the right. So you would need to make up a separate cable from the TTL header to the 850's FSK keying input to do FSK RTTY.
Do you fellas use a TTL plug of some kind? I'm sure this is available, but since it's such a simple connection, I could use PC jumper wires with the tiny single-pin socket on one end.
There is a possibility that your FSK RTTY keying will be "upside-down". If this happens, there are two ways to adjust the polarity. One is inside the MFJ, on JMP14. The other (easier) one is the TS-850's power-on menu item number 11.All that being said, I have found that the

free MMTTY software is FAR superior to the MFJ-1278 for RTTY (AFSK and FSK). There is also sound card software available for Packet - I have never tried HF Packet, so I can't tell you how well the software works.73,Rich VE3KIThank you Richard and Bud. I'll wire like this:

1 > 1
2 > 2
3 > 9
4 > + audio output (to pin of speaker jack)
5 > no connection

Am I OK now?
Thanks, folks.
Jonathan KC7FYS/7J1

[Non-text portions of this message have been removed]

5649. Re: MFJ 1278/ACC2 connections Part II

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-03-05 03:46:18 UTC
From: Richard Ferch
Topic: 5648 Message: 5649

Jonathan,

Bud gave you pin numbers for both ACC2 and for the Mic connector.
They are totally different and you have them confused. For ACC2:

MFJ pin 1 - connect to ACC2 pin 11
MFJ pin 2 - connect to ACC2 pin 8
MFJ pin 3 - connect to ACC2 pin 9
MFJ pin 4 - connect to ACC2 pin 3
MFJ pin 5 - NC

73,
Rich VE3KI

--- In TS-850_450_690@yahoogroups.com, "kc7fys" <kc7fys@...> wrote:
>
> You would be ahead to use the 13 pin Din ACC2 connector on the back
of
> the radio to connect to the five-pin connector of the MFJ.
> This will provide receive audio to the MFJ at a fixed level so will
not
> require adjusting the volume control for receiving and let you keep
the
> speaker volume at a good listening level or down to not be heard.
>
> OK, I'll use the 13PIM ACC2. I got the connector in Akihabara
yesterday.
> Bud, you advised thus:
>
> MFJ 850 13 pin or 850 mic
connector
> 1 TX audio 11 1
> 2 Gnd 4 or 8 or 12 7 or 8
> 3 PTT 13 2
> 4 Rx audio 3 NC - go to
> speaker jack
> 5 NCI'm pleading my own idiocy on this one, fellas. I see five
> choices for pin 2's ground connection. And then Richard goes on to
> say...
> I agree that you should use the 13-pin ACC1, but perhaps with a
change
> from what Bud suggests: for PTT in principle you should use pin 9
for
> digital modes, which mutes the front-panel microphone connection
> (although if you don't have a microphone plugged in, this works the
same

> as pin 13).
> So, for pin PTT (pin3) I can use 9 or 13 to the same effect. I will
use
> 9 as per Richard's advice.
> Also, note that there are three grounds on ACC2; 4 is the ground
> corresponding to AF out 3, 12 is the ground corresponding to AF in
11,
> and 8 is the ground for PTT (9 or 13). The MFJ ties all three of
these
> grounds together in its pin 2.
> OK, so then pin2, ground will be soldered to pin 2 of the 13PIN DIN
> connector. Bud gave me five choices, Richard suggests pin 2, so
I'll put
> 'em all together and use pin 2.
> You also asked about FSK. IIRC, this only works on RTTY and AMTOR,
not
> on Packet. On the TS-850, FSK RTTY keying is through a separate RCA
jack
> on the back of the radio. On the MFJ-1278, FSK is taken from the TTL
> header - the FSK pin is 3rd from the right. So you would need to
make up
> a separate cable from the TTL header to the 850's FSK keying input
to do
> FSK RTTY.
> Do you fellas use a TTL plug of some kind? I'm sure this is
available,
> but since it's such a simple connection, I could use PC jumper wires
> with the tiny single-pin socket on one end.
> There is a possibility that your FSK RTTY keying will be "upside-
down".
> If this happens, there are two ways to adjust the polarity. One is
> inside the MFJ, on JMP14. The other (easier) one is the TS-850's
> power-on menu item number 11.All that being said, I have found that
the
> free MMTTY software is FAR superior to the MFJ-1278 for RTTY (AFSK
and
> FSK). There is also sound card software available for Packet - I
have
> never tried HF Packet, so I can't tell you how well the software
> works.73,Rich VE3KIThank you Richard and Bud. I'll wire like this:
>
> 1 > 1
> 2 > 2
> 3 > 9
> 4 > + audio output (to pin of speaker jack)
> 5 > no connection
>
> Am I OK now?
> Thanks, folks.
> Jonathan KC7FYS/7J1

>
>
>
>
> [Non-text portions of this message have been removed]
>

5650. MFJ 1278/ACC2 connections Part III

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-03-05 11:15:55 UTC
From: kc7fys
Topic: 5648 Message: 5650

--- In TS-850_450_690@yahoogroups.com, "Richard Ferch" <ve3iay@...> wrote:
>
> Jonathan,
>
> Bud gave you pin numbers for both ACC2 and for the Mic connector.
> They are totally different and you have them confused. For ACC2:
>
> MFJ pin 1 - connect to ACC2 pin 11
> MFJ pin 2 - connect to ACC2 pin 8
> MFJ pin 3 - connect to ACC2 pin 9
> MFJ pin 4 - connect to ACC2 pin 3
> MFJ pin 5 - NC
>
> 73,
> Rich VE3KI

Thanks. That's information I can appreciate. Thanks to both of you gents.
Regards,
Jonathan

5651. Re: [TS-850_450_690] Re: TS-850SAT 15M Distortion And No ALC

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-03-05 12:18:55 UTC
From: Ken Winterling
Topic: 5626 Message: 5651

Bill,

Thanks for your response! My friend and I have been working for months on several TS-850 rigs owned by him and others that all behave the same. We were convinced it was either an alignment issue, addressed by Randy, K9OR, or a design problem. It seems you have confirmed the latter.

While I wait, anxiously, to hear your report on the driver substitution, I will check the items in the last paragraph or your reply.

73,

Ken, WA2LBI

On 3/4/07, B&B Technical Services <bbtech1@...> wrote:
>
> Gents,
>
> This is a problem with all 850s, having lower TX overall gain on 21 megs
> than anywhere else; otherwise they would be 120 watt rigs.
>
> I have played with mine "somewhat" in attempts to get the TX IF and
> post-mixer stage gain up a bit, all to no avail; it would seem that the
> transmit overall stage gain is pretty much "firewalled" due to the excessive
> (to me) looses in the 15M bandpass filters.
>
> One thing I have not tried is changing the drivers to a high-beta pair
> from RF Parts; I think they can hand pick some matched pairs for higher
> gain. This would feed the '2879s properly and perhaps allow us to develop
> some ALC at 100 watts on 15, maybe even more.
>
> The development of ALC is crucial to preventing or limiting TX overdrive
> in the earlier stages; of course the '2879s are capable of a LOT more output
> than one would expect; the excessive third order distortion comes primarily
> from the earlier stages, because they are working very close to their "rail"
> voltages and saturation.
>
> Perhaps a high-gain pair of drivers would relieve the situation. Stock are
> 2SC2509, perhaps the 2SC3133 or 2SC1972 would be a better choice. I will
> endevour to try a pair next chance I get. The 1972's are used in the TS-2000
> to good effect.
>
> In the meantime, make sure that the TX BALANCE adj VR3 for Q26 and Q27 is
> properly adjusted; that the sources of both transistors are showing about 2
> volts to ground in TX; that D3 rx diode switch is not leaching TX power to
> ground in TX mode, and that t8 and r8 switching is correct.

>
> good luck!
>
> bill
>
>
>
> Ken Winterling wrote:
>
> Randy,
>
> I spent a couple more hours on this rig (no ALC on 15M and distorted 2
> tone output) and have not made any significant progress. I did as you
> suggested and used 21.200 while adjusting VR7 etc for proper adjustment of
> alc and power. I don't have a spectrum analyzer or a tracking generator so
> I can't do a proper job of aligning the BP filters as specified in the
> service manual. I get an ALC reading is every other band except 21-22.
>
> Do you, Bill, K0ZL, Clif, KA5IPF, or any of the other TS-850S service
> experts have any further words of wisdom?
>
> Thanks,
>
> Ken, WA2LBI
>
>
>
> On 2/26/07, Ken Winterling <wa2lbi@... > wrote:
> >
> > Randy,
> >
> > THANKS! At least it is something to try. If this is indeed the problem
> > it would explain why so many of them we checked behaved the same - they had
> > been aligned according to the factory service manual. I had followed the
> > service manual procedure when I could find nothing wrong and ended up with
> > no change when I was done. I expect to get to one of the two rigs sometime
> > this week and will report my results.
> >
> > 73,
> >
> > Ken, WA2LBI
> >
> >
> >
> > On 2/26/07, Randy Brothers K9OR <k9or@... > wrote:
> > >
> > > Ken,
> > >
> > > Having experience with several different 850's, I recognize the
> > > situation you describe. I suggest that you make the service manual

> > > adjustments (VR7 etc) for proper adjustment of alc and power with the
> > > radio set to 15m. For some reason, if you do the procedure as
> > > suggested
> > > for 20m, or any other band, 15m will then behave the way you describe.
> > >
> > > Dunno why they're finicky that way, but if set to 15 first, the other
> > > bands generally fall in line. You may not get the same range of alc
> > > reading on each band, but you should be able to get 100w (or more)
> > > power everywhere without distortion.
> > >
> > > If K0ZL is reading, he may provide a more technical description.
> > >
> > > 73 Randy K9OR
> > >
> > >
>

[Non-text portions of this message have been removed]

5652. RE: [TS-850_450_690] Re: TS-850SAT 15M Distortion And No ALC

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-03-05 12:16:18 UTC
From: Randy Brothers
Topic: 5626 Message: 5652

Thanks Bill,

A much more lucid explanation than mine!

73 Randy K9OR

-----Original Message-----
From: B&B Technical Services [mailto:bbtech1@comcast.net]
Sent: Sunday, March 04, 2007 7:31 PM
To: Ken Winterling
Subject: Re: [TS-850_450_690] Re: TS-850SAT 15M Distortion And No ALC

Gents,

This is a problem with all 850s, having lower TX overall gain on 21 megs
than anywhere else; otherwise they would be 120 watt rigs.

I have played with mine "somewhat" in attempts to get the TX IF and
post-mixer stage gain up a bit, all to no avail; it would seem that the
transmit overall stage gain is pretty much "firewalled" due to the excessive
(to me) looses in the 15M bandpass filters.

One thing I have not tried is changing the drivers to a high-beta pair from
RF Parts; I think they can hand pick some matched pairs for higher gain.
This would feed the '2879s properly and perhaps allow us to develop some ALC
at 100 watts on 15, maybe even more.

The development of ALC is crucial to preventing or limiting TX overdrive in
the earlier stages; of course the '2879s are capable of a LOT more output
than one would expect; the excessive third order distortion comes primarily
from the earlier stages, because they are working very close to their "rail"
voltages and saturation.

Perhaps a high-gain pair of drivers would relieve the situation. Stock are
2SC2509, perhaps the 2SC3133 or 2SC1972 would be a better choice. I will
endevour to try a pair next chance I get. The 1972's are used in the TS-2000
to good effect.

In the meantime, make sure that the TX BALANCE adj VR3 for Q26 and Q27 is
properly adjusted; that the sources of both transistors are showing about 2
volts to ground in TX; that D3 rx diode switch is not leaching TX power to
ground in TX mode, and that t8 and r8 switching is correct.

good luck!

bill

5653. RE: [TS-850_450_690] Re: TS-850SAT 15M Distortion And No ALC

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-03-05 13:48:47 UTC
From: Randy Brothers
Topic: 5626 Message: 5653

Another observation - if you run the 850 at higher voltage - as I have done on occasion at 15.8v rather than 13.8v - the ALC seems to act a bit more as expected, plus a little more power headroom, depending on the 850.

73 Randy K9OR

5654. FS - Kenwood TS-850S AT

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-03-07 01:13:37 UTC
From: rfpexec
Topic: 5654 Message: 5654

I am selling my TS-850S with the built-in antenna tuner.

Please look at the pictures below.

This rig is in excellent condition. I am the second owner. The first owner was an older gentleman who had long fingermnails. If you look closely at the upper left hand corner of the front panel you with see that some of the lettering has been rubbed off by his fingernails. That is of course no big deal.

Also, if you look very closely at the top of the rig, you will see some very light rubber feet marks from a speaker of something that was once set on top of the rig. Here again it is no big deal but I thought you should know.

Electronically, the unit is perfect. Output is a full 100 watts. A couple years ago I had B&B Technical (Kenwood specialists) completely go through the rig, in addition they did all of the updates and modifications. MARS, 60 meters, etc.

The rig comes with the Original Manual (not a copy), the original Kenwood hand mic, the power cord, a relay cable for use with an amplifier and the original TS-850 box.

I will double box this unit and ship it insured via UPS. Shipping with be the actual UPS charge from my zip code to yours. My zip code is 80439. The packed shipping weight is 34 pounds.

You can check the UPS shipping rates at: http://..ups.com

I am located in the Denver, Colorado area if you want to pick it up.

The price is $650.00.

Please make payment by PayPal, money order, Cashier's check or cash.

I will ship this Internationally.

This TS-850S AT will be sold on a firs come basis.

My email address is: 73W7GSA@...

5655. TS850S and MFJ 1278 getting on the air...

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-03-08 02:16:58 UTC
From: kc7fys
Topic: 5626 Message: 5655

I have the 13-pin and 5-pin DINs wired up and connected. The RS232 connected--now what software should I install for my first HF data mode QSO? What is the best and easiest software to get started enjoying digital modes with the MFJ 1278? I know it's not one of the easiest TNCs to use, but I want to use it, since I paid for the darn thing.
Best regards,
Jonathan

5656. Re: [TS-850_450_690] TS850S and MFJ 1278 getting on the air...

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-03-08 02:54:52 UTC
From: ve3wej gmail
Topic: 5626 Message: 5656

any terminal program will work there are several on the internet that are FREE

paket 6.1 or 6.2 is free, does packet only

try a google search...

.but it will depend on what mode you are trying to do

..not sure what mode you are trying to get on..cw??rtty??amtor????fax?? sstv????

I find it easier than kam or pk232, because it does NOT rest in host mode like the others, but make sure it is not in kiss mode. have you downloaded a manual, or do you have original ...a lot of reading to do this. would be easier if a local uses tnc and can show you first hand

the rest is something that the 850 users may not be able to help furthur, unless they have a mfj1278, and then it would be better direct to each other. simply turning on and go is not what can be expected

Dave ve3wej

----- Original Message -----
From: kc7fys
To: TS-850_450_690@yahoogroups.com
Sent: Wednesday, March 07, 2007 9:16 PM
Subject: [TS-850_450_690] TS850S and MFJ 1278 getting on the air...

I have the 13-pin and 5-pin DINs wired up and connected. The RS232
connected--now what software should I install for my first HF data
mode QSO? What is the best and easiest software to get started
enjoying digital modes with the MFJ 1278? I know it's not one of the
easiest TNCs to use, but I want to use it, since I paid for the darn
thing.
Best regards,
Jonathan

[Non-text portions of this message have been removed]

5657. TS 850S ant. tuner problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-03-09 20:31:42 UTC
From: mdmalley
Topic: 5657 Message: 5657

I have purchased a TS850 from EBAY and everthing seems OK except the ant.tuner doesn't appear to be working.I have folowed the instuctions but still cant make it work.Is there a trick ??also the int/ext sw on the back of rig seems to be not sitching -is this the likely problem?? help!! MIKE VE4LP

5658. Re: [TS-850_450_690] TS 850S ant. tuner problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-03-10 01:18:06 UTC
From: ve3wej gmail
Topic: 5657 Message: 5658

check the manual, yes it has to be set on int, at the back, thru/auto has to be pushed in, then you should be able to press at tune , and it should tune, as long you are within atenna tuners max range (i forget what that is)

I think there may be a menu item for whether it tunes automatic when band changes.

VE3WEJ
Dave Garber

----- Original Message -----
From: mdmalley
To: TS-850_450_690@yahoogroups.com
Sent: Friday, March 09, 2007 3:31 PM
Subject: [TS-850_450_690] TS 850S ant. tuner problem

I have purchased a TS850 from EBAY and everthing seems OK except the ant.tuner doesn't appear to be working.I have folowed the instuctions but still cant make it work.Is there a trick ??also the int/ext sw on the back of rig seems to be not sitching -is this the likely problem?? help!! MIKE VE4LP

[Non-text portions of this message have been removed]

5659. Re: [TS-850_450_690] TS 850S ant. tuner problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-03-10 01:54:34 UTC
From: Tom Osborne
Topic: 5657 Message: 5659

Hi Mike

Did you go into the menu and switch it to 'on'? There is a setting to
either select autotune on or off. Not sure what the number is, but if you
have the manual, it will tell you. 73
Tom W7WHY

>I have purchased a TS850 from EBAY and everthing seems OK except the
> ant.tuner doesn't appear to be working.I have folowed the instuctions
> but still cant make it work.Is there a trick ??also the int/ext sw on
> the back of rig seems to be not sitching -is this the likely problem??
> help!! MIKE VE4LP
>
>
>
>
> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
>
>
>
>

5660. RE: [TS-850_450_690] TS 850S ant. tuner problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-03-10 02:06:20 UTC
From: Marty Bluhm
Topic: 5657 Message: 5660

Hi Mikw,
Wecome to the wonderful world of 850s. The menu number you want is number 20. Also in the manual, there is a para that says"
This switch will not function when the CAR control is turned fully counterclockwise". Page 30.

73
Marty

-----Original Message-----
From: TS-850_450_690@yahoogroups.com
[mailto:TS-850_450_690@yahoogroups.com]On Behalf Of Tom Osborne
Sent: Saturday, March 10, 2007 01:55
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] TS 850S ant. tuner problem

Hi Mike

Did you go into the menu and switch it to 'on'? There is a setting to either select autotune on or off. Not sure what the number is, but if you have the manual, it will tell you. 73
Tom W7WHY

>I have purchased a TS850 from EBAY and everthing seems OK except the
> ant.tuner doesn't appear to be working.I have folowed the instuctions
> but still cant make it work.Is there a trick ??also the int/ext sw on
> the back of rig seems to be not sitching -is this the likely problem??
> help!! MIKE VE4LP
>
>
>
>
> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
>
>
>
>

[Non-text portions of this message have been removed]

5661. Re: ALC on TS 850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-03-10 07:13:34 UTC
From: F5HRY
Topic: 5661 Message: 5661

More info : The led bargraph dispalys the maximum value, just by switching to TX, whatever mode you are in, with ou without RF output ...

----- Original Message -----
From: F5HRY
To: TS-850_450_690@yahoogroups.com
Sent: Saturday, March 10, 2007 8:09 AM
Subject: ALC on TS 850

Hello,

I recently bought a second hand TS 850 which has a strange ALC behaviour.

It looks like the ALC has been fully disabled, as the standard way of tuning it (VR7 on the RF board) has no effect.

Any idea ?

Tnx for help.

Vy 73
Herve F5HRY

[Non-text portions of this message have been removed]

5662. ALC on TS 850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-03-10 07:09:21 UTC
From: F5HRY
Topic: 5661 Message: 5662

Hello,

I recently bought a second hand TS 850 which has a strange ALC behaviour.

It looks like the ALC has been fully disabled, as the standard way of tuning it
(VR7 on the RF board) has no effect.

Any idea ?

Tnx for help.

Vy 73
Herve F5HRY

[Non-text portions of this message have been removed]

5663. Re: [TS-850_450_690] ALC on TS 850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-03-10 16:07:34 UTC
From: Alexandr Kobranov
Topic: 5661 Message: 5663

DC-DC convertor
check for minus voltage from it
GL es 73!
Lexa, ok1dst

F5HRY napsal(a):
> Hello,
>
> I recently bought a second hand TS 850 which has a strange ALC behaviour.
>
> It looks like the ALC has been fully disabled, as the standard way of tuning it
> (VR7 on the RF board) has no effect.
>
> Any idea ?
>
> Tnx for help.
>
> Vy 73
> Herve F5HRY
>
>
>
> [Non-text portions of this message have been removed]
>
>
>
>
> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
>
>
>
>
>

5664. Re: TS 850S ant. tuner problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-03-13 19:53:23 UTC
From: holzschlapfen
Topic: 5657 Message: 5664

Is the auto switch off not working, or does the tuner not respond, if switched on, if 2nd symtom, read the manual, if first, try CAR fully clockwise, if it doesnt help, you have to solder some points on the filter board, as mine :-(
cu
--- In TS-850_450_690@yahoogroups.com, "mdmalley" <mdmalley@...> wrote:
>
> I have purchased a TS850 from EBAY and everthing seems OK except the
> ant.tuner doesn't appear to be working.I have folowed the instuctions
> but still cant make it work.Is there a trick ??also the int/ext sw on
> the back of rig seems to be not sitching -is this the likely problem??
> help!! MIKE VE4LP
>

5665. Re: TS 850S ant. tuner problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-03-14 13:05:39 UTC
From: Terry
Topic: 5657 Message: 5665

Here is a link that is helpful....or maybe just depressing...

http://n6tr.jzap.com/850repair.html

--- In TS-850_450_690@yahoogroups.com, "holzschlapfen" <8ung@...>
wrote:
>
> Is the auto switch off not working, or does the tuner not respond,
if
> switched on, if 2nd symtom, read the manual, if first, try CAR fully
> clockwise, if it doesnt help, you have to solder some points on the
> filter board, as mine :-(
> cu
> --- In TS-850_450_690@yahoogroups.com, "mdmalley" <mdmalley@> wrote:
> >
> > I have purchased a TS850 from EBAY and everthing seems OK except
the
> > ant.tuner doesn't appear to be working.I have folowed the
instuctions
> > but still cant make it work.Is there a trick ??also the int/ext
sw on
> > the back of rig seems to be not sitching -is this the likely
problem??
> > help!! MIKE VE4LP
> >
>

5666. TS 850 antenna tuner

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-03-16 20:34:22 UTC
From: mdmalley
Topic: 5666 Message: 5666

does anyone know if the internal antenna tuner for the TS850 and TS870 are the same .Is the installation of the tuner difficult? I have a TS850s and I have located a TS870 tuner and would like to install it in the 850S .I do not have the manual. 73 MIKE

5667. Re: [TS-850_450_690] TS 850 antenna tuner

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-03-17 23:16:01 UTC
From: James Robb
Topic: 5666 Message: 5667

go to Kenwood site and down load the TS-850 manual. It appears very easy to install with detailed directions.
http://www.kenwoodusa.com/support/simple.aspx?men=2&M2=69

----- Original Message ----
From: mdmalley <mdmalley@...>
To: TS-850_450_690@yahoogroups.com
Sent: Friday, March 16, 2007 12:34:22 PM
Subject: [TS-850_450_690] TS 850 antenna tuner

does anyone know if the internal antenna tuner for the TS850 and TS870

are the same .Is the installation of the tuner difficult? I have a

TS850s and I have located a TS870 tuner and would like to install it in

the 850S .I do not have the manual. 73 MIKE

<!--

#ygrp-mlmsg {font-size:13px;font-family:arial, helvetica, clean, sans-serif;}
#ygrp-mlmsg table {font-size:inherit;font:100%;}
#ygrp-mlmsg select, input, textarea {font:99% arial, helvetica, clean, sans-serif;}
#ygrp-mlmsg pre, code {font:115% monospace;}
#ygrp-mlmsg * {line-height:1.22em;}
#ygrp-text{
font-family:Georgia;
}
#ygrp-text p{
margin:0 0 1em 0;}
#ygrp-tpmsgs{
font-family:Arial;
clear:both;}
#ygrp-vitnav{
padding-top:10px;font-family:Verdana;font-size:77%;margin:0;}
#ygrp-vitnav a{
padding:0 1px;}
#ygrp-actbar{
clear:both;margin:25px 0;white-space:nowrap;color:#666;text-align:right;}
#ygrp-actbar .left{
float:left;white-space:nowrap;}
.bld{font-weight:bold;}
#ygrp-grft{
font-family:Verdana;font-size:77%;padding:15px 0;}
#ygrp-ft{
font-family:verdana;font-size:77%;border-top:1px solid #666;
padding:5px 0;

```
}
#ygrp-mlmsg #logo{
padding-bottom:10px;}

#ygrp-vital{
background-color:#e0ecee;margin-bottom:20px;padding:2px 0 8px 8px;}
#ygrp-vital #vithd{
font-size:77%;font-family:Verdana;font-weight:bold;color:#333;text-transform:uppercase;}
#ygrp-vital ul{
padding:0;margin:2px 0;}
#ygrp-vital ul li{
list-style-type:none;clear:both;border:1px solid #e0ecee;
}
#ygrp-vital ul li .ct{
font-weight:bold;color:#ff7900;float:right;width:2em;text-align:right;padding-right:.5em;}
#ygrp-vital ul li .cat{
font-weight:bold;}
#ygrp-vital a {
text-decoration:none;}

#ygrp-vital a:hover{
text-decoration:underline;}

#ygrp-sponsor #hd{
color:#999;font-size:77%;}
#ygrp-sponsor #ov{
padding:6px 13px;background-color:#e0ecee;margin-bottom:20px;}
#ygrp-sponsor #ov ul{
padding:0 0 0 8px;margin:0;}
#ygrp-sponsor #ov li{
list-style-type:square;padding:6px 0;font-size:77%;}
#ygrp-sponsor #ov li a{
text-decoration:none;font-size:130%;}
#ygrp-sponsor #nc {
background-color:#eee;margin-bottom:20px;padding:0 8px;}
#ygrp-sponsor .ad{
padding:8px 0;}
#ygrp-sponsor .ad #hd1{
font-family:Arial;font-weight:bold;color:#628c2a;font-size:100%;line-height:122%;}
#ygrp-sponsor .ad a{
text-decoration:none;}
#ygrp-sponsor .ad a:hover{
text-decoration:underline;}
#ygrp-sponsor .ad p{
margin:0;}
o {font-size:0;}
.MsoNormal {
margin:0 0 0 0;}
#ygrp-text tt{
font-size:120%;}
blockquote{margin:0 0 0 4px;}
```

```
.replbq {margin:4;}
-->
```

[Non-text portions of this message have been removed]

5668. Re: TS850sat Display Problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-03-18 05:23:39 UTC
From: Mike
Topic: 3424 Message: 5668

Thanks guys for all the info. I have had the same problem: NO DISPLAY.
I replaced the C18 and the other 2 100mfd's. No joy.
I kept at it and read all lands. They were good. Still No joy.
I removed the caps and found that the feed thur was gone on the C18,
eatten away. The backside solder point was ok so when I soldered it in
it looked good but was not making contact. Adding fine wire wrap and
resoldering them back in: TS-850 JOY!!

Thanks guys for all your info. KD4BNM Mike.
Thanks again!! 73's

--- In TS-850_450_690@yahoogroups.com, Bill Smith <ko4nrbs@...> wrote:
>
> Mine did the same thing recently. I found that C18 on
> the display board can and will cause this problem. I
> found C18 (it's an electrolytic) on the display board
> and replaced it. No go!! It had leaked a little but
> the board looked ok. Gave up and sent it to Bill K0ZL
> for a repair.
>
> 73,
> Bill
>
> --- Nik Read <g7dnd.nread@...> wrote:
>
> > Hi all,
> >
> > Firstly can I thank all the responded to my appeal
> > for help over the drift problem wit my 850.. One
> > problem sorted!!..
> >
> > After using the 850 over this last weekend to get
> > some new IOTA's I switched off last night and
> > slept!. On waking this morning I switched the 850 on
> > and the display did not come on, the radio powers up
> > ok and is also ok on TX and RX.. but the display is
> > blank. I tried resetting but no Joy.. I them check
> > the web for the "850 Repair Page" that has been
> > mentioned on this forum but could find no trace of
> > it..
> >
> > Am I right to think the main display device has
> > failed or could there be another reason ??.. I
> > managed to acquire a service manual today and took
> > the radio apart to see if there was any trace of the

> > caps leaking as reported before but could see no
> > sign. Any ideas anyone please !!.
> >
> > I would hate to replace my 850 as I have not found
> > anything to replace it yet!!!...
> >
> > Thank You in advance,
> >
> > Nik Read
> > M5DND
> >
> >
> > g7dnd.nread@...
> >
> >
> >
> > ----------
> >
> > No virus found in this outgoing message.
> > Checked by AVG Anti-Virus.
> > Version: 7.0.300 / Virus Database: 267.9.7 - Release
> > Date: 28/07/05
> >
> >
> > [Non-text portions of this message have been
> > removed]
> >
> >
>
>
> Bill Smith KO4NR
>
>
>
> _____________________________________
> Do you Yahoo!?
> Yahoo! Mail - Find what you need with new enhanced search.
> http://info.mail.yahoo.com/mail_250
>

5669. Production Date Range

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-03-18 18:28:48 UTC
From: TOM
Topic: 3424 Message: 5669

Hi All!

Anyone had a listing or the nomenclature used to identify the productions
date ranges of the TS-850S/AT's?

Tom
K2TC

_____

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of Mike
Sent: Sunday, March 18, 2007 1:24 AM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] Re: TS850sat Display Problem

Thanks guys for all the info. I have had the same problem: NO DISPLAY.
I replaced the C18 and the other 2 100mfd's. No joy.
I kept at it and read all lands. They were good. Still No joy.
I removed the caps and found that the feed thur was gone on the C18,
eatten away. The backside solder point was ok so when I soldered it in
it looked good but was not making contact. Adding fine wire wrap and
resoldering them back in: TS-850 JOY!!

Thanks guys for all your info. KD4BNM Mike.
Thanks again!! 73's

--- In TS-850_450_690@ <mailto:TS-850_450_690%40yahoogroups.com>
yahoogroups.com, Bill Smith <ko4nrbs@...> wrote:
>
> Mine did the same thing recently. I found that C18 on
> the display board can and will cause this problem. I
> found C18 (it's an electrolytic) on the display board
> and replaced it. No go!! It had leaked a little but
> the board looked ok. Gave up and sent it to Bill K0ZL
> for a repair.
>
> 73,
> Bill
>
> --- Nik Read <g7dnd.nread@...> wrote:
>
> > Hi all,
> >
> > Firstly can I thank all the responded to my appeal
> > for help over the drift problem wit my 850.. One
> > problem sorted!!..

> >
> > After using the 850 over this last weekend to get
> > some new IOTA's I switched off last night and
> > slept!. On waking this morning I switched the 850 on
> > and the display did not come on, the radio powers up
> > ok and is also ok on TX and RX.. but the display is
> > blank. I tried resetting but no Joy.. I them check
> > the web for the "850 Repair Page" that has been
> > mentioned on this forum but could find no trace of
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> > >
> > Am I right to think the main display device has
> > failed or could there be another reason ??.. I
> > managed to acquire a service manual today and took
> > the radio apart to see if there was any trace of the
> > caps leaking as reported before but could see no
> > sign. Any ideas anyone please !!.
> > >
> > I would hate to replace my 850 as I have not found
> > anything to replace it yet!!!...
> > >
> > Thank You in advance,
> > >
> > Nik Read
> > M5DND
> > >
> > >
> > g7dnd.nread@...
> > >
> > >
> > >
> > ----------
> > >
> > No virus found in this outgoing message.
> > Checked by AVG Anti-Virus.
> > Version: 7.0.300 / Virus Database: 267.9.7 - Release
> > Date: 28/07/05
> > >
> > >
> > [Non-text portions of this message have been
> > removed]
> > >
> > >
>
>
> Bill Smith KO4NR
>
>
>
> _____

> Do you Yahoo!?
> Yahoo! Mail - Find what you need with new enhanced search.
> http://info. <http://info.mail.yahoo.com/mail_250> mail.yahoo.com/mail_250
>

[Non-text portions of this message have been removed]

5670. inrad #95 1.8 filter

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-03-20 22:06:26 UTC
From: mdmalley
Topic: 5670 Message: 5670

my TS850 does not accept the #95 INRAD even though the INRAD chart says its the right one.Problem is that the TS850 has 5 vertical pins on each side where the filter is supposed to plug in;however the filter has a recptacle for 5 on one side but only 3 on the other??Is it the wrong fiter or do I clip pins on the 850??

5671. Re: [TS-850_450_690] inrad #95 1.8 filter

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-03-21 00:42:46 UTC
From: ve3wej gmail
Topic: 5670 Message: 5671

sounds like an error on inrads part, check their webpage and confirm the number (95???) ALL kenwood models plug in the same way as far as I know, the older style were solder in.

did you buy this new???

their website www.qth.com/inrad I think

VE3WEJ
Dave Garber
----- Original Message -----
From: mdmalley
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, March 20, 2007 6:06 PM
Subject: [TS-850_450_690] inrad #95 1.8 filter

my TS850 does not accept the #95 INRAD even though the INRAD chart says its the right one.Problem is that the TS850 has 5 vertical pins on each side where the filter is supposed to plug in;however the filter has a recptacle for 5 on one side but only 3 on the other??Is it the wrong fiter or do I clip pins on the 850??

[Non-text portions of this message have been removed]

5672. Re: [TS-850_450_690] inrad #95 1.8 filter

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-03-21 01:25:33 UTC
From: crownhaven
Topic: 5670 Message: 5672

Web page says filter soldered on custom PC boards. Is yours? I have
never used one of the filters but I understand they are plug and play.
Maybe Clif will come up and help us out here.

Steve

ve3wej gmail wrote:

> sounds like an error on inrads part, check their webpage and confirm
> the number (95???) ALL kenwood models plug in the same way as far as I
> know, the older style were solder in.
>
> did you buy this new???
>
> their website www.qth.com/inrad I think
>
> VE3WEJ
> Dave Garber
> ----- Original Message -----
> From: mdmalley
> To: TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>
> Sent: Tuesday, March 20, 2007 6:06 PM
> Subject: [TS-850_450_690] inrad #95 1.8 filter
>
> my TS850 does not accept the #95 INRAD even though the INRAD chart says
> its the right one.Problem is that the TS850 has 5 vertical pins on each
> side where the filter is supposed to plug in;however the filter has a
> recptacle for 5 on one side but only 3 on the other??Is it the wrong
> fiter or do I clip pins on the 850??
>
> [Non-text portions of this message have been removed]
>
>

5673. Re: [TS-850_450_690] inrad #95 1.8 filter

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-03-21 02:05:33 UTC
From: Bill Maddock
Topic: 5670 Message: 5673

I believe you will need to clip the pins - It should state that in the directions! I remember
clipping them on mine - you should be able to download the directions from the Inrads site!

73,

Bill N4ZI

mdmalley <mdmalley@...> wrote:
my TS850 does not accept the #95 INRAD even though the INRAD chart says
its the right one.Problem is that the TS850 has 5 vertical pins on each
side where the filter is supposed to plug in;however the filter has a
recptacle for 5 on one side but only 3 on the other??Is it the wrong
fiter or do I clip pins on the 850??

Expecting? Get great news right away with email Auto-Check.
Try the Yahoo! Mail Beta.

[Non-text portions of this message have been removed]

5674. Re: [TS-850_450_690] inrad #95 1.8 filter

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-03-21 02:10:29 UTC
From: WW3S
Topic: 5670 Message: 5674

snip them off to fit...they are all just extra grounds

On 3/20/2007 9:25:33 PM, crownhaven (crownhaven@...) wrote:
> Web page says filter soldered on custom PC boards. Is yours? I have
> never used one of the filters but I understand they are plug and play.
> Maybe Clif will come up and help us out here.
>
> Steve
>
> ve3wej gmail wrote:
>
> > sounds like an error on inrads part, check their webpage and confirm
> > the number (95???) ALL kenwood models plug in the same way as far as I
> > know, the older style were solder in.
> >
> > did you buy this new???
> >
> > their website www.qth.com/inrad I think
> >
> > VE3WEJ
> > Dave Garber
> > ----- Original Message -----
> > From: mdmalley
> > To: TS-850_450_690@yahoogroups.com
> > <mailto:TS-850_450_690%40yahoogroups.com>
> > Sent: Tuesday, March 20, 2007 6:06 PM
> > Subject: [TS-850_450_690] inrad #95 1.8 filter
> >
> > my TS850 does not accept the #95 INRAD even though the INRAD chart says
> > its the right one.Problem is that the TS850 has 5 vertical pins on each
> > side where the filter is supposed to plug in;however the filter has a
> > recptacle for 5 on one side but only 3 on the other??Is it the wrong
> > fiter or do I clip pins on the 850??
> >

5675. Re: inrad #95 1.8 filter

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-03-21 02:34:26 UTC
From: Clif
Topic: 5670 Message: 5675

Clip the extra pins on the 850, one side only. Look at it 3 times
before you cut. I just recently had to replace one of those header
pins that was cut wrong. Kenwood doesn't sell the pins and I had to
raid a junker board for the part.

Clif

--- In TS-850_450_690@yahoogroups.com, "mdmalley" <mdmalley@...> wrote:
>
> my TS850 does not accept the #95 INRAD even though the INRAD chart says
> its the right one.Problem is that the TS850 has 5 vertical pins on each
> side where the filter is supposed to plug in;however the filter has a
> recptacle for 5 on one side but only 3 on the other??Is it the wrong
> fiter or do I clip pins on the 850??
>

5676. Re: TS-850SAT 15M Distortion And No ALC

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-03-21 18:18:55 UTC
From: Clif
Topic: 5626 Message: 5676

Checking in late on the discussion as when it was active I did not have any 850's to look at and didn't remember seeing the problem.

I have 2 850SAT's here now, SN's 307XXX & 602XXX

Each requires more mike gain or carrier control on 15m to achieve full output but both will develop full output and full scale ALC without distortion. Comparing 15 and 20m shows the Mike gain to go up 1-1.5 divisions for full scale. Using a single 1kHz tone and measuring the distortion on the demodulated signal shows .6% Distortion on both bands at full scale ALC. On the 2-tone test using 300 and 2700 Hz as used to set the Car osc some rounding of the peaks is visible on a 'scope on 15m. Looking at a spectrum anayzler showed no change. I have not measured the loss thru the BPF on the RF unit but interestingly enough 160m requires the Car and Mike gain controls to have to be turned up to the same levels as 15m to achieve full scale ALC on CW and SSB.

Interesting. When I have more time I will measure the loss thru the BP filters.

Clif

--- In TS-850_450_690@yahoogroups.com, "Randy Brothers" <k9or@...> wrote:
>
> Thanks Bill,
>
> A much more lucid explanation than mine!
>
> 73 Randy K9OR
>
>
> -----Original Message-----
> From: B&B Technical Services [mailto:bbtech1@...]
> Sent: Sunday, March 04, 2007 7:31 PM
> To: Ken Winterling
> Subject: Re: [TS-850_450_690] Re: TS-850SAT 15M Distortion And No ALC
>
>
> Gents,
>
> This is a problem with all 850s, having lower TX overall gain on 21 megs
> than anywhere else; otherwise they would be 120 watt rigs.
>
> I have played with mine "somewhat" in attempts to get the TX IF and
> post-mixer stage gain up a bit, all to no avail; it would seem that the

> transmit overall stage gain is pretty much "firewalled" due to the
excessive
> (to me) looses in the 15M bandpass filters.
>
> One thing I have not tried is changing the drivers to a high-beta
pair from
> RF Parts; I think they can hand pick some matched pairs for higher gain.
> This would feed the '2879s properly and perhaps allow us to develop
some ALC
> at 100 watts on 15, maybe even more.
>
> The development of ALC is crucial to preventing or limiting TX
overdrive in
> the earlier stages; of course the '2879s are capable of a LOT more
output
> than one would expect; the excessive third order distortion comes
primarily
> from the earlier stages, because they are working very close to
their "rail"
> voltages and saturation.
>
> Perhaps a high-gain pair of drivers would relieve the situation.
Stock are
> 2SC2509, perhaps the 2SC3133 or 2SC1972 would be a better choice. I will
> endevour to try a pair next chance I get. The 1972's are used in the
TS-2000
> to good effect.
>
> In the meantime, make sure that the TX BALANCE adj VR3 for Q26 and
Q27 is
> properly adjusted; that the sources of both transistors are showing
about 2
> volts to ground in TX; that D3 rx diode switch is not leaching TX
power to
> ground in TX mode, and that t8 and r8 switching is correct.
>
> good luck!
>
> bill
>

5677. Re: [TS-850_450_690] Re: TS-850SAT 15M Distortion And No ALC

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-03-21 18:32:52 UTC
From: Ken Winterling
Topic: 5626 Message: 5677

Cliff,

I'm still waiting to hear from Bill, K0ZL, as he recently posted that he had a TS-850S on the bench for this problem. As for your observations, I had also noticed the same 160M conditions. My 2 tone tests also produced the rounding of the test pattern. Unfortunately, I do not have a spectrum analyzer so I am not really sure what is happening.

Ken, WA2LBI

On 3/21/07, Clif <clif@...> wrote:
>
> Checking in late on the discussion as when it was active I did not
> have any 850's to look at and didn't remember seeing the problem.
>
> I have 2 850SAT's here now, SN's 307XXX & 602XXX
>
> Each requires more mike gain or carrier control on 15m to achieve full
> output but both will develop full output and full scale ALC without
> distortion. Comparing 15 and 20m shows the Mike gain to go up 1-1.5
> divisions for full scale. Using a single 1kHz tone and measuring the
> distortion on the demodulated signal shows .6% Distortion on both
> bands at full scale ALC. On the 2-tone test using 300 and 2700 Hz as
> used to set the Car osc some rounding of the peaks is visible on a
> 'scope on 15m. Looking at a spectrum anayzler showed no change. I have
> not measured the loss thru the BPF on the RF unit but interestingly
> enough 160m requires the Car and Mike gain controls to have to be
> turned up to the same levels as 15m to achieve full scale ALC on CW
> and SSB.
>
> Interesting. When I have more time I will measure the loss thru the BP
> filters.
>
> Clif
>
>
> --- In TS-850_450_690@yahoogroups.com, "Randy Brothers" <k9or@...> wrote:
> >
> > Thanks Bill,
> >
> > A much more lucid explanation than mine!
> >
> > 73 Randy K9OR
> >
> >
> > -----Original Message-----

> > From: B&B Technical Services [mailto:bbtech1@...]
> > Sent: Sunday, March 04, 2007 7:31 PM
> > To: Ken Winterling
> > Subject: Re: [TS-850_450_690] Re: TS-850SAT 15M Distortion And No ALC
> >
> >
> > Gents,
> >
> > This is a problem with all 850s, having lower TX overall gain on 21 megs
> > than anywhere else; otherwise they would be 120 watt rigs.
> >
> > I have played with mine "somewhat" in attempts to get the TX IF and
> > post-mixer stage gain up a bit, all to no avail; it would seem that the
> > transmit overall stage gain is pretty much "firewalled" due to the
> excessive
> > (to me) looses in the 15M bandpass filters.
> >
> > One thing I have not tried is changing the drivers to a high-beta
> pair from
> > RF Parts; I think they can hand pick some matched pairs for higher gain.
> > This would feed the '2879s properly and perhaps allow us to develop
> some ALC
> > at 100 watts on 15, maybe even more.
> >
> > The development of ALC is crucial to preventing or limiting TX
> overdrive in
> > the earlier stages; of course the '2879s are capable of a LOT more
> output
> > than one would expect; the excessive third order distortion comes
> primarily
> > from the earlier stages, because they are working very close to
> their "rail"
> > voltages and saturation.
> >
> > Perhaps a high-gain pair of drivers would relieve the situation.
> Stock are
> > 2SC2509, perhaps the 2SC3133 or 2SC1972 would be a better choice. I will
> > endevour to try a pair next chance I get. The 1972's are used in the
> TS-2000
> > to good effect.
> >
> > In the meantime, make sure that the TX BALANCE adj VR3 for Q26 and
> Q27 is
> > properly adjusted; that the sources of both transistors are showing
> about 2
> > volts to ground in TX; that D3 rx diode switch is not leaching TX
> power to
> > ground in TX mode, and that t8 and r8 switching is correct.
> >
> > good luck!

> >
> > bill
> >
>
>
>
>
> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
>
>
>
>

[Non-text portions of this message have been removed]

5678. Re: [TS-850_450_690] Re: inrad #95 1.8 filter

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-03-21 19:15:29 UTC
From: ve3wej gmail
Topic: 5670 Message: 5678

thats scary....I would rather modify the filter, or get the correct unit, than to cut off terminals....

VE3WEJ
Dave Garber
----- Original Message -----
From: Clif
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, March 20, 2007 10:34 PM
Subject: [TS-850_450_690] Re: inrad #95 1.8 filter

Clip the extra pins on the 850, one side only. Look at it 3 times
before you cut. I just recently had to replace one of those header
pins that was cut wrong. Kenwood doesn't sell the pins and I had to
raid a junker board for the part.

Clif

--- In TS-850_450_690@yahoogroups.com, "mdmalley" <mdmalley@...> wrote:
>
> my TS850 does not accept the #95 INRAD even though the INRAD chart says
> its the right one.Problem is that the TS850 has 5 vertical pins on each
> side where the filter is supposed to plug in;however the filter has a
> recptacle for 5 on one side but only 3 on the other??Is it the wrong
> fiter or do I clip pins on the 850??
>

[Non-text portions of this message have been removed]

5679. Re: inrad #95 1.8 filter

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-03-22 02:56:02 UTC
From: Clif
Topic: 5670 Message: 5679

No big deal the board has 4 ground pins and 1 in/out pin. Cutting off
2 ground pins hurts nothing except appearance. The filter can't be
modified because of the size, it's larger than the Kenwood

Clif

-- In TS-850_450_690@yahoogroups.com, "ve3wej gmail" <ve3wej@...> wrote:
>
> thats scary....I would rather modify the filter, or get the correct
unit, than to cut off terminals....
>
>
> VE3WEJ
> Dave Garber
> ----- Original Message -----
> From: Clif
> To: TS-850_450_690@yahoogroups.com
> Sent: Tuesday, March 20, 2007 10:34 PM
> Subject: [TS-850_450_690] Re: inrad #95 1.8 filter
>
>
> Clip the extra pins on the 850, one side only. Look at it 3 times
> before you cut. I just recently had to replace one of those header
> pins that was cut wrong. Kenwood doesn't sell the pins and I had to
> raid a junker board for the part.
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "mdmalley" <mdmalley@> wrote:
> >
> > my TS850 does not accept the #95 INRAD even though the INRAD
chart says
> > its the right one.Problem is that the TS850 has 5 vertical pins
on each
> > side where the filter is supposed to plug in;however the filter
has a
> > recptacle for 5 on one side but only 3 on the other??Is it the
wrong
> > fiter or do I clip pins on the 850??
> >
>
>
>
>
>

> [Non-text portions of this message have been removed]
>

5680. Re: inrad #95 1.8 filter

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-03-23 15:02:04 UTC
From: Joe
Topic: 5670 Message: 5680

Thats the right way, I did it a fee weeks ago, works very well
cu Joe
--- In TS-850_450_690@yahoogroups.com, "Clif" <clif@...> wrote:
>
> No big deal the board has 4 ground pins and 1 in/out pin. Cutting off
> 2 ground pins hurts nothing except appearance. The filter can't be
> modified because of the size, it's larger than the Kenwood
>
> Clif
>
> -- In TS-850_450_690@yahoogroups.com, "ve3wej gmail" <ve3wej@> wrote:
> >
> > thats scary....I would rather modify the filter, or get the correct
> unit, than to cut off terminals....
> >
> >
> > VE3WEJ
> > Dave Garber
> > ----- Original Message -----
> > From: Clif
> > To: TS-850_450_690@yahoogroups.com
> > Sent: Tuesday, March 20, 2007 10:34 PM
> > Subject: [TS-850_450_690] Re: inrad #95 1.8 filter
> >
> >
> > Clip the extra pins on the 850, one side only. Look at it 3 times
> > before you cut. I just recently had to replace one of those header
> > pins that was cut wrong. Kenwood doesn't sell the pins and I had to
> > raid a junker board for the part.
> >
> > Clif
> >
> > --- In TS-850_450_690@yahoogroups.com, "mdmalley" <mdmalley@> wrote:
> > >
> > > my TS850 does not accept the #95 INRAD even though the INRAD
> chart says
> > > its the right one.Problem is that the TS850 has 5 vertical pins
> on each
> > > side where the filter is supposed to plug in;however the filter
> has a
> > > recptacle for 5 on one side but only 3 on the other??Is it the
> wrong
> > > fiter or do I clip pins on the 850??
> > >
> >

> >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>

5681. Problem with TS-450S receive

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-03-24 16:19:36 UTC
From: ron
Topic: 5681 Message: 5681

Lately my receive on my TS-450S is acting up. Some symptoms I notice are is that is seems a little weak. Another thing I notice is all the signals seem to have the same S reading. about a 20db reading. As if the AF is turned up but it isn't. If I turn the AF all the way up of course the S reading maxes out. Then I quicly turn the AF all the way down, the signal will read momentarily about an S9 and the volume will increase on the signal, then the S reading will slowly rise to about 20 and the volume of the signal will decrease. Does this sound like a capacitor problem and does anyone know what is most likely to cause this? Thank You

5682. shipping a tso450 to Ireland

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-03-24 15:32:05 UTC
From: ron
Topic: 5682 Message: 5682

Does anyone know or know where I can find out any legal regulations regarding the shipping of a TS-450S to Ireland. Is there any laws restricting that? Thank You

5684. Re: [TS-850_450_690] shipping a tso450 to Ireland

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-03-25 13:03:02 UTC
From: ve3wej gmail
Topic: 5682 Message: 5684

check with the shipping company!!

VE3WEJ
Dave Garber
----- Original Message -----
From: ron
To: TS-850_450_690@yahoogroups.com
Sent: Saturday, March 24, 2007 11:32 AM
Subject: [TS-850_450_690] shipping a tso450 to Ireland

Does anyone know or know where I can find out any legal regulations
regarding the shipping of a TS-450S to Ireland. Is there any laws
restricting that? Thank You

[Non-text portions of this message have been removed]

5686. CPU type noise?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-03-27 12:46:46 UTC
From: Barry
Topic: 5686 Message: 5686

Hi,

I recently bought a very nice 850, and changed the original battery that amazingly was not leaking. I had no problems during the battery swap, but over the last couple of days, there has been a big increase in CPU type noise. A lot of it is coming through the antenna, as disconnecting it cuts it way down, except for the really bad areas descibed below. Compared to my other receivers, the noise is obvious. There is no sensitivity problem, it hears well, just a lot of hash that makes the weaker stuff hard to hear under the whine..

It's not too bad, from the 6.575 area mentioned below on up, until you tune to 24 and it slowly increases to 25MHZ where the bandpass filter switches over, and it jumps up noticably and is all over the place, going up and down all the way to 30MHZ. It's NOT my PS, I hooked it up to a battery and it was the same. I checked all the plugs, and ribbon cables, and they look fine. I am pretty experienced with doing minor repairs and mods on Kenwood 450's and 850's, and I kind of think this is just a coincidence. It had a slight amount of this noise when I got it, but it's obnoxious now, and it's really bugging me, to put it mildly.

The noise increases tremendously when any of the IC's in the battery area are touched, touching the firmware IC causes a tremendous amount of hash.

If I tune around, there are freq ranges where turning the tuning knob makes a creaking noise and if turned slowly enough, makes a "tick" each tuning increment (1hz). One of these ranges starts at about 6.575 and gets louder until 6.585 where the tuning noise pops up. It fades away until 6.595 where it's almost gone. Other places this occurs is centered on 6.345, 6.190, and 6.060. In AM mode, it's VERY loud, in USB, and LSB, it's not as bad, except where it makes the creaking noise as described above.

Any ideas??

Thanks,

Barry N8PVX

5687. Re: CPU type noise?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-03-27 19:16:43 UTC
From: Barry
Topic: 5686 Message: 5687

Hi Peter,

I looked around all over and couldn't see anything loose anywhere, but
I suppose it wouldn't hurt to look again. It just seems odd that it
got worse about a day after the battery was done.

Thanks,

Barry

--- In TS-850_450_690@yahoogroups.com, "Barry" <bumologist@...> wrote:
>
> Hi,
>
> I recently bought a very nice 850, and changed the original battery
> that amazingly was not leaking. I had no problems during the battery
> swap, but over the last couple of days, there has been a big increase
> in CPU type noise. A lot of it is coming through the antenna, as
> disconnecting it cuts it way down, except for the really bad areas
> descibed below. Compared to my other receivers, the noise is obvious.
> There is no sensitivity problem, it hears well, just a lot of hash
> that makes the weaker stuff hard to hear under the whine..
>
> It's not too bad, from the 6.575 area mentioned below on up, until you
> tune to 24 and it slowly increases to 25MHZ where the bandpass filter
> switches over, and it jumps up noticably and is all over the place,
> going up and down all the way to 30MHZ. It's NOT my PS, I hooked it up
> to a battery and it was the same. I checked all the plugs, and ribbon
> cables, and they look fine. I am pretty experienced with doing minor
> repairs and mods on Kenwood 450's and 850's, and I kind of think this
> is just a coincidence. It had a slight amount of this noise when I got
> it, but it's obnoxious now, and it's really bugging me, to put it
mildly.
>
> The noise increases tremendously when any of the IC's in the battery
> area are touched, touching the firmware IC causes a tremendous amount
> of hash.
>
> If I tune around, there are freq ranges where turning the tuning knob
> makes a creaking noise and if turned slowly enough, makes a "tick"
> each tuning increment (1hz). One of these ranges starts at about 6.575
> and gets louder until 6.585 where the tuning noise pops up. It fades
> away until 6.595 where it's almost gone. Other places this occurs is
> centered on 6.345, 6.190, and 6.060. In AM mode, it's VERY loud, in
> USB, and LSB, it's not as bad, except where it makes the creaking
> noise as described above.

>
> Any ideas??
>
> Thanks,
>
> Barry N8PVX
>

5688. Re: [TS-850_450_690] CPU type noise?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-03-27 23:26:51 UTC
From: ve3wej gmail
Topic: 5686 Message: 5688

go around the house (neighbor too) and see what may be new to the area.......bands have been noisy here off and on latley..

VE3WEJ
Dave Garber
----- Original Message -----
From: Barry
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, March 27, 2007 8:46 AM
Subject: [TS-850_450_690] CPU type noise?

Hi,

I recently bought a very nice 850, and changed the original battery that amazingly was not leaking. I had no problems during the battery swap, but over the last couple of days, there has been a big increase in CPU type noise. A lot of it is coming through the antenna, as disconnecting it cuts it way down, except for the really bad areas descibed below. Compared to my other receivers, the noise is obvious. There is no sensitivity problem, it hears well, just a lot of hash that makes the weaker stuff hard to hear under the whine..

It's not too bad, from the 6.575 area mentioned below on up, until you tune to 24 and it slowly increases to 25MHZ where the bandpass filter switches over, and it jumps up noticably and is all over the place, going up and down all the way to 30MHZ. It's NOT my PS, I hooked it up to a battery and it was the same. I checked all the plugs, and ribbon cables, and they look fine. I am pretty experienced with doing minor repairs and mods on Kenwood 450's and 850's, and I kind of think this is just a coincidence. It had a slight amount of this noise when I got it, but it's obnoxious now, and it's really bugging me, to put it mildly.

The noise increases tremendously when any of the IC's in the battery area are touched, touching the firmware IC causes a tremendous amount of hash.

If I tune around, there are freq ranges where turning the tuning knob makes a creaking noise and if turned slowly enough, makes a "tick" each tuning increment (1hz). One of these ranges starts at about 6.575 and gets louder until 6.585 where the tuning noise pops up. It fades away until 6.595 where it's almost gone. Other places this occurs is centered on 6.345, 6.190, and 6.060. In AM mode, it's VERY loud, in USB, and LSB, it's not as bad, except where it makes the creaking noise as described above.

Any ideas??

Thanks,

Barry N8PVX

[Non-text portions of this message have been removed]

5689. Re: [TS-850_450_690] CPU type noise?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-03-28 00:03:43 UTC
From: Paul
Topic: 5686 Message: 5689

you have a good RF Earth ??

Paul

Barry <bumologist@...> wrote:
Hi,

I recently bought a very nice 850, and changed the original battery
that amazingly was not leaking. I had no problems during the battery
swap, but over the last couple of days, there has been a big increase
in CPU type noise. A lot of it is coming through the antenna, as
disconnecting it cuts it way down, except for the really bad areas
descibed below. Compared to my other receivers, the noise is obvious.
There is no sensitivity problem, it hears well, just a lot of hash
that makes the weaker stuff hard to hear under the whine..

It's not too bad, from the 6.575 area mentioned below on up, until you
tune to 24 and it slowly increases to 25MHZ where the bandpass filter
switches over, and it jumps up noticably and is all over the place,
going up and down all the way to 30MHZ. It's NOT my PS, I hooked it up
to a battery and it was the same. I checked all the plugs, and ribbon
cables, and they look fine. I am pretty experienced with doing minor
repairs and mods on Kenwood 450's and 850's, and I kind of think this
is just a coincidence. It had a slight amount of this noise when I got
it, but it's obnoxious now, and it's really bugging me, to put it mildly.

The noise increases tremendously when any of the IC's in the battery
area are touched, touching the firmware IC causes a tremendous amount
of hash.

If I tune around, there are freq ranges where turning the tuning knob
makes a creaking noise and if turned slowly enough, makes a "tick"
each tuning increment (1hz). One of these ranges starts at about 6.575
and gets louder until 6.585 where the tuning noise pops up. It fades
away until 6.595 where it's almost gone. Other places this occurs is
centered on 6.345, 6.190, and 6.060. In AM mode, it's VERY loud, in
USB, and LSB, it's not as bad, except where it makes the creaking
noise as described above.

Any ideas??

Thanks,

Barry N8PVX

Need Mail bonding?

Go to the Yahoo! Mail Q&A for great tips from Yahoo! Answers users.

[Non-text portions of this message have been removed]

5690. Re: Re: [TS-850_450_690] CPU type noise?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-03-28 02:35:04 UTC
From: crownhaven@bellsouth.net
Topic: 5686 Message: 5690

Turn everything in the house off and connect it to a battery and see what happens.....
>
> From: Paul <malti7388@...>
> Date: 2007/03/27 Tue PM 08:03:43 EDT
> To: TS-850_450_690@yahoogroups.com
> Subject: Re: [TS-850_450_690] CPU type noise?
>
> you have a good RF Earth ??
>
> Paul
>
> Barry <bumologist@...> wrote:
> Hi,
>
> I recently bought a very nice 850, and changed the original battery
> that amazingly was not leaking. I had no problems during the battery
> swap, but over the last couple of days, there has been a big increase
> in CPU type noise. A lot of it is coming through the antenna, as
> disconnecting it cuts it way down, except for the really bad areas
> descibed below. Compared to my other receivers, the noise is obvious.
> There is no sensitivity problem, it hears well, just a lot of hash
> that makes the weaker stuff hard to hear under the whine..
>
> It's not too bad, from the 6.575 area mentioned below on up, until you
> tune to 24 and it slowly increases to 25MHZ where the bandpass filter
> switches over, and it jumps up noticably and is all over the place,
> going up and down all the way to 30MHZ. It's NOT my PS, I hooked it up
> to a battery and it was the same. I checked all the plugs, and ribbon
> cables, and they look fine. I am pretty experienced with doing minor
> repairs and mods on Kenwood 450's and 850's, and I kind of think this
> is just a coincidence. It had a slight amount of this noise when I got
> it, but it's obnoxious now, and it's really bugging me, to put it mildly.
>
> The noise increases tremendously when any of the IC's in the battery
> area are touched, touching the firmware IC causes a tremendous amount
> of hash.
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> If I tune around, there are freq ranges where turning the tuning knob
> makes a creaking noise and if turned slowly enough, makes a "tick"
> each tuning increment (1hz). One of these ranges starts at about 6.575
> and gets louder until 6.585 where the tuning noise pops up. It fades
> away until 6.595 where it's almost gone. Other places this occurs is
> centered on 6.345, 6.190, and 6.060. In AM mode, it's VERY loud, in
> USB, and LSB, it's not as bad, except where it makes the creaking
> noise as described above.

>
> Any ideas??
>
> Thanks,
>
> Barry N8PVX
>
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>
>
> ---
> Need Mail bonding?
> Go to the Yahoo! Mail Q&A for great tips from Yahoo! Answers users.
>
> [Non-text portions of this message have been removed]
>
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>

5691. Re: [TS-850_450_690] CPU type noise?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-03-28 02:53:01 UTC
From: Barry
Topic: 5686 Message: 5691

The noise is not on my 3 other recievers. At least until the 850 is turned on. The front panel area of the 850 seems to be the source of it. I can't figure out why it's doing it. It's the same when run off my PS or a battery.

Thanks,

Barry

--- In TS-850_450_690@yahoogroups.com, <crownhaven@...> wrote:
>
> Turn everything in the house off and connect it to a battery and see what happens.....
> >
> > From: Paul <malti7388@...>
> > Date: 2007/03/27 Tue PM 08:03:43 EDT
> > To: TS-850_450_690@yahoogroups.com
> > Subject: Re: [TS-850_450_690] CPU type noise?
> >
> > you have a good RF Earth ??
> >
> > Paul
> >
> > Barry <bumologist@...> wrote:
> > Hi,
> >
> > I recently bought a very nice 850, and changed the original battery
> > that amazingly was not leaking. I had no problems during the battery
> > swap, but over the last couple of days, there has been a big increase
> > in CPU type noise. A lot of it is coming through the antenna, as
> > disconnecting it cuts it way down, except for the really bad areas
> > descibed below. Compared to my other receivers, the noise is obvious.
> > There is no sensitivity problem, it hears well, just a lot of hash
> > that makes the weaker stuff hard to hear under the whine..
> >
> > It's not too bad, from the 6.575 area mentioned below on up, until you
> > tune to 24 and it slowly increases to 25MHZ where the bandpass filter
> > switches over, and it jumps up noticably and is all over the place,
> > going up and down all the way to 30MHZ. It's NOT my PS, I hooked it up
> > to a battery and it was the same. I checked all the plugs, and ribbon
> > cables, and they look fine. I am pretty experienced with doing minor
> > repairs and mods on Kenwood 450's and 850's, and I kind of think this
> > is just a coincidence. It had a slight amount of this noise when I got
> > it, but it's obnoxious now, and it's really bugging me, to put it mildly.
> >

> > The noise increases tremendously when any of the IC's in the battery
> > area are touched, touching the firmware IC causes a tremendous amount
> > of hash.
> >
> > If I tune around, there are freq ranges where turning the tuning knob
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> > each tuning increment (1hz). One of these ranges starts at about 6.575
> > and gets louder until 6.585 where the tuning noise pops up. It fades
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> > centered on 6.345, 6.190, and 6.060. In AM mode, it's VERY loud, in
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> > Any ideas??
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> > Thanks,
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> > Barry N8PVX
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> >
> > ---
> > Need Mail bonding?
> > Go to the Yahoo! Mail Q&A for great tips from Yahoo! Answers users.
> >
> > [Non-text portions of this message have been removed]
> >
> >
> >
>

5692. Re: CPU type noise?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-03-28 02:49:44 UTC
From: Barry
Topic: 5686 Message: 5692

Yes, but the noise is unchanged, regardless of the 850 being grounded
or not. The noise is coming from the front panel area of the 850, a
sniffer connected to one of my other radios shows this, the cause is
what I can't figure out.

Thanks,

Barry

--- In TS-850_450_690@yahoogroups.com, Paul <malti7388@...> wrote:
>
> you have a good RF Earth ??
>
> Paul
>
> Barry <bumologist@...> wrote:
> Hi,
>
> I recently bought a very nice 850, and changed the original battery
> that amazingly was not leaking. I had no problems during the battery
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> [Non-text portions of this message have been removed]
>

5693. Re: CPU type noise?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-03-28 02:47:31 UTC
From: Barry
Topic: 5686 Message: 5693

The noise is coming from the TS850, my other receivers are quiet. The
do pick up major hash coming from the 850 front panel area.

Thanks,

Barry

--- In TS-850_450_690@yahoogroups.com, "ve3wej gmail" <ve3wej@...> wrote:
>
> go around the house (neighbor too) and see what may be new to the
area.......bands have been noisy here off and on latley..
>
>
> VE3WEJ
> Dave Garber
> ----- Original Message -----
> From: Barry
> To: TS-850_450_690@yahoogroups.com
> Sent: Tuesday, March 27, 2007 8:46 AM
> Subject: [TS-850_450_690] CPU type noise?
>
>
> Hi,
>
> I recently bought a very nice 850, and changed the original battery
> that amazingly was not leaking. I had no problems during the battery
> swap, but over the last couple of days, there has been a big increase
> in CPU type noise. A lot of it is coming through the antenna, as
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>
> Any ideas??
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> Thanks,
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> Barry N8PVX
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> [Non-text portions of this message have been removed]
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5694. Re: CPU type noise?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-03-28 02:49:44 UTC
From: Barry
Topic: 5686 Message: 5694

Yes, but the noise is unchanged, regardless of the 850 being grounded
or not. The noise is coming from the front panel area of the 850, a
sniffer connected to one of my other radios shows this, the cause is
what I can't figure out.

Thanks,

Barry

--- In TS-850_450_690@yahoogroups.com, Paul <malti7388@...> wrote:
>
> you have a good RF Earth ??
>
> Paul
>
> Barry <bumologist@...> wrote:
> Hi,
>
> I recently bought a very nice 850, and changed the original battery
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> Need Mail bonding?
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>
> [Non-text portions of this message have been removed]
>

5697. Re: CPU type noise?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-03-28 08:38:53 UTC
From: marcogoni
Topic: 5686 Message: 5697

Hi,
maybe in the process of exchanging the battery the vibrations
broke some ground connection? Maybe it's a good idea to remove all the
connectors and clean the contacts with some product...

just two cents...

marco
IS0KYB

5698. Re: [TS-850_450_690] CPU type noise?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-03-28 05:59:55 UTC
From: Paul
Topic: 5686 Message: 5698

I have had a similar problem- when touching the main tuning dial. Making a good electrical and rf earth cured the culpit

Barry <bumologist@...> wrote: The noise is not on my 3 other recievers. At least until the 850 is
turned on. The front panel area of the 850 seems to be the source of
it. I can't figure out why it's doing it. It's the same when run off
my PS or a battery.

Thanks,

Barry

--- In TS-850_450_690@yahoogroups.com, <crownhaven@...> wrote:
>
> Turn everything in the house off and connect it to a battery and see
what happens.......
> >
> > From: Paul <malti7388@...>
> > Date: 2007/03/27 Tue PM 08:03:43 EDT
> > To: TS-850_450_690@yahoogroups.com
> > Subject: Re: [TS-850_450_690] CPU type noise?
> >
> > you have a good RF Earth ??
> >
> > Paul
> >
> > Barry <bumologist@...> wrote:
> > Hi,
> >
> > I recently bought a very nice 850, and changed the original battery
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> > Thanks,
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> >
> > [Non-text portions of this message have been removed]
> >
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Looking for earth-friendly autos?
Browse Top Cars by "Green Rating" at Yahoo! Autos' Green Center.

[Non-text portions of this message have been removed]

5699. Re: CPU type noise?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-03-28 17:04:39 UTC
From: ah6rr1
Topic: 5686 Message: 5699

Try to loosen and re-tighten all screws on the boards in the rig.I could be that there is some loose connections to ground. I hope you did the remote battery mod as it will make replacement a snap.
Roland AH6RR

--- In TS-850_450_690@yahoogroups.com, Paul <malti7388@...> wrote:
>
> I have had a similar problem- when touching the main tuning dial. Making a good electrical and rf earth cured the culpit
>
> Barry <bumologist@...> wrote: The noise is not on my 3 other recievers. At least until the 850 is
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> it. I can't figure out why it's doing it. It's the same when run off
> my PS or a battery.
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> Thanks,
>
> Barry
>
> --- In TS-850_450_690@yahoogroups.com, <crownhaven@> wrote:
> >
> > Turn everything in the house off and connect it to a battery and see
> what happens.......
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> > > From: Paul <malti7388@>
> > > Date: 2007/03/27 Tue PM 08:03:43 EDT
> > > To: TS-850_450_690@yahoogroups.com
> > > Subject: Re: [TS-850_450_690] CPU type noise?
> > >
> > > you have a good RF Earth ??
> > >
> > > Paul
> > >
> > > Barry <bumologist@> wrote:
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> > > There is no sensitivity problem, it hears well, just a lot of
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> > > The noise increases tremendously when any of the IC's in the
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> > > If I tune around, there are freq ranges where turning the
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> > > ---------------------------------
> > > Need Mail bonding?
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> > >
> > > [Non-text portions of this message have been removed]
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> ---------------------------------
> Looking for earth-friendly autos?
> Browse Top Cars by "Green Rating" at Yahoo! Autos' Green Center.
>
> [Non-text portions of this message have been removed]
>

5700. TS-850 Microphones

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-03-28 20:06:02 UTC
From: bigfork04
Topic: 5700 Message: 5700

I just purchased a TS-850SAT and would like to purchase a desk mic for it. Any suggestions on which ones are good to use with the 850.
Thanks for the input.

KL1NJ

5701. raspy audio

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-03-28 19:23:33 UTC
From: mdmalley
Topic: 5701 Message: 5701

I have recently aquired a TS850 .receive audio is good except wiyh the noise blanker.When NB1 or NB2 is on the audio seems slightly raspy.Is this normal or can something be done to fix this??

5709. Re: [TS-850_450_690] raspy audio

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-03-28 21:52:53 UTC
From: Ken Winterling
Topic: 5701 Message: 5709

I'll bet it happens when you are receiving a strong signal and is OK with a
weak signal. If that is the case then it is normal.

Ken, WA2LBI

On 3/28/07, mdmalley <mdmalley@...> wrote:
>
> I have recently aquired a TS850 .receive audio is good except wiyh the
> noise blanker.When NB1 or NB2 is on the audio seems slightly raspy.Is
> this normal or can something be done to fix this??
>

[Non-text portions of this message have been removed]

5714. Re: [TS-850_450_690] Re: CPU type noise?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-03-28 22:34:29 UTC
From: Mike Rhodes
Topic: 5686 Message: 5714

Now you've got my attention. I thought I had checked out most of the
TS-850 mods but the remote battery mod is a new one to me. Where do I
start looking.

Thanks,
Mike / W8DN

ah6rr1 wrote:
>
> Try to loosen and re-tighten all screws on the boards in the rig.I
> could be that there is some loose connections to ground. I hope you
> did the remote battery mod as it will make replacement a snap.
> Roland AH6RR
>
> --- In TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>, Paul <malti7388@...> wrote:
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> > I have had a similar problem- when touching the main tuning dial.
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> > Barry <bumologist@...> wrote: The
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> > Barry
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> > --- In TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>, <crownhaven@> wrote:
> > >
> > > Turn everything in the house off and connect it to a battery and
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> > > > From: Paul <malti7388@>
> > > > Date: 2007/03/27 Tue PM 08:03:43 EDT
> > > > To: TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>
> > > > Subject: Re: [TS-850_450_690] CPU type noise?
> > > >

> > > > you have a good RF Earth ??
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> > > > Paul
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> > > > Barry <bumologist@> wrote:
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> > > > and gets louder until 6.585 where the tuning noise pops up. It
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> occurs is
> > > > centered on 6.345, 6.190, and 6.060. In AM mode, it's VERY
> loud, in
> > > > USB, and LSB, it's not as bad, except where it makes the
> creaking
> > > > noise as described above.
> > > >
> > > > Any ideas??
> > > >
> > > > Thanks,
> > > >
> > > > Barry N8PVX
> > > >
> > > >
> > > >
> > > >
> > > >
> > > >
> > > > ---------------------------------
> > > > Need Mail bonding?
> > > > Go to the Yahoo! Mail Q&A for great tips from Yahoo! Answers
> users.
> > > >
> > > > [Non-text portions of this message have been removed]
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> > ---------------------------------
> > Looking for earth-friendly autos?
> > Browse Top Cars by "Green Rating" at Yahoo! Autos' Green Center.
> >
> > [Non-text portions of this message have been removed]
> >
>
>

> ---
>
> No virus found in this incoming message.
> Checked by AVG Free Edition.
> Version: 7.5.446 / Virus Database: 268.18.20/736 - Release Date: 3/27/2007 4:38 PM
>

5737. Remote Battery for TS-850/450

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-03-29 02:09:48 UTC
From: ah6rr1
Topic: 5737 Message: 5737

Check this page out.
http://www.geocities.com/lfnca/450bat/450sat_battery.htm
I placed my battery close to the fan in my 850 doing basicly the same as this mod.

Good Luck
Roland AH6RR

5742. Re: CPU type noise?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-03-29 02:42:22 UTC
From: ve3thr
Topic: 5686 Message: 5742

Barry and the 850 Group.
My 850 does exactly the same thing on the same freq's as Barry's and that's with no antenna and antenna shorted at rig so-239. My batt was changed out about a year ago - by the dealer...ouch!!! while doing some repairs. Never noticed this noise before either. Still there even if you press the SCAN function. Rig is factory original - no mods.
I'm located north of Toronto Canada so I don't think Barry and I are rx'g the same qrm.
Following the threads
Tom VE3THR

--- In TS-850_450_690@yahoogroups.com, Mike Rhodes <w8dn@...> wrote:
>
> Now you've got my attention. I thought I had checked out most of the
> TS-850 mods but the remote battery mod is a new one to me. Where do I
> start looking.
>
> Thanks,
> Mike / W8DN
>
> ah6rr1 wrote:
> >
> > Try to loosen and re-tighten all screws on the boards in the rig.I
> > could be that there is some loose connections to ground. I hope you
> > did the remote battery mod as it will make replacement a snap.
> > Roland AH6RR
> >
> > --- In TS-850_450_690@yahoogroups.com
> > <mailto:TS-850_450_690%40yahoogroups.com>, Paul <malti7388@> wrote:
> > >
> > > I have had a similar problem- when touching the main tuning dial.
> > Making a good electrical and rf earth cured the culpit
> > >
> > > Barry <bumologist@> wrote: The
> > noise is not on my 3 other recievers. At least until the 850 is
> > > turned on. The front panel area of the 850 seems to be the source
> > of
> > > it. I can't figure out why it's doing it. It's the same when run

> > off
> > > my PS or a battery.
> > >
> > > Thanks,
> > >
> > > Barry
> > >
> > > --- In TS-850_450_690@yahoogroups.com
> > <mailto:TS-850_450_690%40yahoogroups.com>, <crownhaven@> wrote:
> > > >
> > > > Turn everything in the house off and connect it to a battery
and
> > see
> > > what happens.......
> > > > >
> > > > > From: Paul <malti7388@>
> > > > > Date: 2007/03/27 Tue PM 08:03:43 EDT
> > > > > To: TS-850_450_690@yahoogroups.com
> > <mailto:TS-850_450_690%40yahoogroups.com>
> > > > > Subject: Re: [TS-850_450_690] CPU type noise?
> > > > >
> > > > > you have a good RF Earth ??
> > > > >
> > > > > Paul
> > > > >
> > > > > Barry <bumologist@> wrote:
> > > > > Hi,
> > > > >
> > > > > I recently bought a very nice 850, and changed the original
> > battery
> > > > > that amazingly was not leaking. I had no problems during the
> > battery
> > > > > swap, but over the last couple of days, there has been a big
> > increase
> > > > > in CPU type noise. A lot of it is coming through the
antenna,
> > as
> > > > > disconnecting it cuts it way down, except for the really bad
> > areas
> > > > > descibed below. Compared to my other receivers, the noise is
> > obvious.
> > > > > There is no sensitivity problem, it hears well, just a lot
of
> > hash
> > > > > that makes the weaker stuff hard to hear under the whine..
> > > > >
> > > > > It's not too bad, from the 6.575 area mentioned below on up,
> > until you
> > > > > tune to 24 and it slowly increases to 25MHZ where the
bandpass

> > filter
> > > > > switches over, and it jumps up noticably and is all over the
> > place,
> > > > > going up and down all the way to 30MHZ. It's NOT my PS, I
> > hooked it up
> > > > > to a battery and it was the same. I checked all the plugs,
and
> > ribbon
> > > > > cables, and they look fine. I am pretty experienced with
doing
> > minor
> > > > > repairs and mods on Kenwood 450's and 850's, and I kind of
> > think this
> > > > > is just a coincidence. It had a slight amount of this noise
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> > > > > The noise increases tremendously when any of the IC's in the
> > battery
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> > > > > If I tune around, there are freq ranges where turning the
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> > > > > USB, and LSB, it's not as bad, except where it makes the
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> > > > > noise as described above.
> > > > >
> > > > > Any ideas??
> > > > >
> > > > > Thanks,
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> > > > > Barry N8PVX
> > > > >

> > > > >
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> > > > > > [Non-text portions of this message have been removed]
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> > > Browse Top Cars by "Green Rating" at Yahoo! Autos' Green Center.
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> > > [Non-text portions of this message have been removed]
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> >
> > No virus found in this incoming message.
> > Checked by AVG Free Edition.
> > Version: 7.5.446 / Virus Database: 268.18.20/736 - Release Date:
3/27/2007 4:38 PM
> >
>

5758. Re: [TS-850_450_690] TS-850 Microphones

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-03-29 01:11:43 UTC
From: Bill Maddock
Topic: 5700 Message: 5758

I use a Kenwood MC-60A and love it - great audio!

73,

Bill N4ZI

bigfork04 <bigfork04@...> wrote:
I just purchased a TS-850SAT and would like to purchase a desk mic for
it. Any suggestions on which ones are good to use with the 850.
Thanks for the input.

KL1NJ

Don't get soaked. Take a quick peek at the forecast
with theYahoo! Search weather shortcut.

[Non-text portions of this message have been removed]

5768. Re: CPU type noise?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-03-29 07:46:02 UTC
From: stewart_bakeruk
Topic: 5686 Message: 5768

Same noise on my 850, but only S1 on AM. Very unlikely to be common
external QRM unless the propagation conditions are very good between
NA and England :-)
When I got the rig it had the remote battery mod already fitted.
I suspect that the problem maybe bad earthing or decoupling in the
display area.

73
Stewart G3RXQ

--- In TS-850_450_690@yahoogroups.com, "ve3thr" <muzzmobility@...> wrote:
>
> Barry and the 850 Group.
> My 850 does exactly the same thing on the same freq's as Barry's and
> that's with no antenna and antenna shorted at rig so-239. My batt was
> changed out about a year ago - by the dealer...ouch!!! while doing
> some repairs. Never noticed this noise before either. Still there
> even if you press the SCAN function. Rig is factory original - no
> mods.
> I'm located north of Toronto Canada so I don't think Barry and I are
> rx'g the same qrm.
> Following the threads
> Tom VE3THR
>
>
>
>
> --- In TS-850_450_690@yahoogroups.com, Mike Rhodes <w8dn@> wrote:
> >
> > Now you've got my attention. I thought I had checked out most of
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> > TS-850 mods but the remote battery mod is a new one to me. Where do
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> > Thanks,
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> > ah6rr1 wrote:
> > >
> > > Try to loosen and re-tighten all screws on the boards in the rig.I
> > > could be that there is some loose connections to ground. I hope
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> > > did the remote battery mod as it will make replacement a snap.
> > > Roland AH6RR

> > >
> > > --- In TS-850_450_690@yahoogroups.com
> > > <mailto:TS-850_450_690%40yahoogroups.com>, Paul <malti7388@>
> wrote:
> > > >
> > > > I have had a similar problem- when touching the main tuning
> dial.
> > > Making a good electrical and rf earth cured the culpit
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> > > > Barry <bumologist@> wrote: The
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> > > > Thanks,
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> > > > Barry
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> > > > --- In TS-850_450_690@yahoogroups.com
> > > <mailto:TS-850_450_690%40yahoogroups.com>, <crownhaven@> wrote:
> > > > >
> > > > > Turn everything in the house off and connect it to a battery
> and
> > > see
> > > > what happens.......
> > > > > >
> > > > > > From: Paul <malti7388@>
> > > > > > Date: 2007/03/27 Tue PM 08:03:43 EDT
> > > > > > To: TS-850_450_690@yahoogroups.com
> > > <mailto:TS-850_450_690%40yahoogroups.com>
> > > > > > Subject: Re: [TS-850_450_690] CPU type noise?
> > > > > >
> > > > > > you have a good RF Earth ??
> > > > > >
> > > > > > Paul
> > > > > >
> > > > > > Barry <bumologist@> wrote:
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> > > > > > I recently bought a very nice 850, and changed the original
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> > > > > > If I tune around, there are freq ranges where turning the
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> It

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> > > > > > Any ideas??
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> > > > > > Thanks,
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> > > > > > Barry N8PVX
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> > > > > > ---------------------------------
> > > > > > Need Mail bonding?
> > > > > > Go to the Yahoo! Mail Q&A for great tips from Yahoo! Answers
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> > > > > >
> > > > > > [Non-text portions of this message have been removed]
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> > > > > Looking for earth-friendly autos?
> > > > > Browse Top Cars by "Green Rating" at Yahoo! Autos' Green Center.
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> > > > > [Non-text portions of this message have been removed]
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> ------
> > > >
> > > > No virus found in this incoming message.
> > > > Checked by AVG Free Edition.
> > > > Version: 7.5.446 / Virus Database: 268.18.20/736 - Release Date:

> 3/27/2007 4:38 PM
> > >
> >
>

5769. Re: TS-850 Microphones

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-03-29 02:34:28 UTC
From: Mike
Topic: 5700 Message: 5769

--- In TS-850_450_690@yahoogroups.com, "bigfork04" <bigfork04@...> wrote:
>
> I just purchased a TS-850SAT and would like to purchase a desk mic for
> it. Any suggestions on which ones are good to use with the 850.
> Thanks for the input.
>
> KL1NJ
>
Yes, I just got the Kenwood MC-60 for mine. It works great!!!
73's KD4BNM Mike

5773. Re: [TS-850_450_690] TS-850 Microphones

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-03-29 01:11:43 UTC
From: Bill Maddock
Topic: 5700 Message: 5773

I use a Kenwood MC-60A and love it - great audio!

73,

Bill N4ZI

bigfork04 <bigfork04@...> wrote:
I just purchased a TS-850SAT and would like to purchase a desk mic for
it. Any suggestions on which ones are good to use with the 850.
Thanks for the input.

KL1NJ

Don't get soaked. Take a quick peek at the forecast
with theYahoo! Search weather shortcut.

[Non-text portions of this message have been removed]

5774. diode 31

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-03-29 16:32:56 UTC
From: Rupert Walford
Topic: 5774 Message: 5774

Would like some help in locating diode 31 on the RF board,i have identified D3and others ,i have a rx problem on all modes except fm.the board i am looking at the #x44-3120-00 a/4
Cheers
Rupert
6y5rw

[Non-text portions of this message have been removed]

5775. Re: diode 31

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-03-29 15:25:40 UTC
From: Clif
Topic: 5774 Message: 5775

If D31 is bad you will have no RX in ANY mode, including FM. The check for D#! is to go to the RF board. About halfway back on the right side there are 2 points labeled RXB and TXB. RXB is Receive Bias and will be 8v in RX and 0v in TX. TXB is TX Bias and will be 8v in TX and 0v in RX.. Check those 2 points for proper operation. If D31 is bad then the RXB line will be appx 1-2v. TXB will be correct, 0 in RX and 8v in TX.

Clif

--- In TS-850_450_690@yahoogroups.com, "Rupert Walford" <elvyn@...> wrote:
>
> Would like some help in locating diode 31 on the RF board,i have identified D3and others ,i have a rx problem on all modes except fm.the board i am looking at the #x44-3120-00 a/4
> Cheers
> Rupert
> 6y5rw
>
> [Non-text portions of this message have been removed]
>

5776. Re: [TS-850_450_690] raspy audio

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-03-29 15:51:04 UTC
From: crownhaven
Topic: 5701 Message: 5776

I would say that is normal.

mdmalley wrote:

> I have recently aquired a TS850 .receive audio is good except wiyh the
> noise blanker.When NB1 or NB2 is on the audio seems slightly raspy.Is
> this normal or can something be done to fix this??
>
>

5777. Re: [TS-850_450_690] Re: diode 31

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-03-29 18:51:57 UTC
From: Rupert Walford
Topic: 5774 Message: 5777

thanks i see those test points but where on the board is D31
----- Original Message -----
From: Clif
To: TS-850_450_690@yahoogroups.com
Sent: Thursday, March 29, 2007 7:25 AM
Subject: [TS-850_450_690] Re: diode 31

If D31 is bad you will have no RX in ANY mode, including FM. The check
for D#! is to go to the RF board. About halfway back on the right side
there are 2 points labeled RXB and TXB. RXB is Receive Bias and will
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the RXB line will be appx 1-2v. TXB will be correct, 0 in RX and 8v in TX.

Clif

--- In TS-850_450_690@yahoogroups.com, "Rupert Walford" <elvyn@...> wrote:
>
> Would like some help in locating diode 31 on the RF board,i have
identified D3and others ,i have a rx problem on all modes except
fm.the board i am looking at the #x44-3120-00 a/4
> Cheers
> Rupert
> 6y5rw
>
> [Non-text portions of this message have been removed]
>

No virus found in this incoming message.
Checked by AVG Free Edition.
Version: 7.5.446 / Virus Database: 268.18.20/737 - Release Date: 3/28/2007 4:23 PM

[Non-text portions of this message have been removed]

5778. Re: CPU type noise?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-03-29 19:04:46 UTC
From: Barry
Topic: 5686 Message: 5778

Hi Stewart,

This group is having serious issues, but I'll try..

I'm beginning to wonder if one or more of the electrolytic caps on the board where the batt is on are bad, and maybe me touching them caused the problem. I'm thinking since they are like 10 years old, and only 16 volts, I probably should change them out. Won't cost much to do it.

If it works, great, if not, I needed something to do anyway at work at 3AM.

Thanks,

Barry

--- In TS-850_450_690@yahoogroups.com, "stewart_bakeruk" <stewart@...> wrote:
>
> Same noise on my 850, but only S1 on AM. Very unlikely to be common
> external QRM unless the propagation conditions are very good between
> NA and England :-)
> When I got the rig it had the remote battery mod already fitted.
> I suspect that the problem maybe bad earthing or decoupling in the
> display area.
>
> 73
> Stewart G3RXQ
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> >
> > Barry and the 850 Group.
> > My 850 does exactly the same thing on the same freq's as Barry's and
> > that's with no antenna and antenna shorted at rig so-239. My batt was
> > changed out about a year ago - by the dealer...ouch!!! while doing
> > some repairs. Never noticed this noise before either. Still there
> > even if you press the SCAN function. Rig is factory original - no
> > mods.
> > I'm located north of Toronto Canada so I don't think Barry and I are
> > rx'g the same qrm.
> > Following the threads
> > Tom VE3THR
> >
> >
> >
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> > --- In TS-850_450_690@yahoogroups.com, Mike Rhodes <w8dn@> wrote:
> > >
> > > Now you've got my attention. I thought I had checked out most of
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> > > TS-850 mods but the remote battery mod is a new one to me. Where do
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> > > ah6rr1 wrote:
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> > > > Try to loosen and re-tighten all screws on the boards in the rig.I
> > > > could be that there is some loose connections to ground. I hope
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> > > > Roland AH6RR
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> > > > --- In TS-850_450_690@yahoogroups.com
> > > > <mailto:TS-850_450_690%40yahoogroups.com>, Paul <malti7388@>
> > wrote:
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> > > > > I have had a similar problem- when touching the main tuning
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> > > > > Thanks,
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> > > > > Barry
> > > > >
> > > > > --- In TS-850_450_690@yahoogroups.com
> > > > <mailto:TS-850_450_690%40yahoogroups.com>, <crownhaven@> wrote:
> > > > > >
> > > > > > Turn everything in the house off and connect it to a battery
> > and
> > > > see
> > > > > what happens.......
> > > > > >
> > > > > > From: Paul <malti7388@>
> > > > > > Date: 2007/03/27 Tue PM 08:03:43 EDT

> > > > > > > To: TS-850_450_690@yahoogroups.com
> > > > <mailto:TS-850_450_690%40yahoogroups.com>
> > > > > > > Subject: Re: [TS-850_450_690] CPU type noise?
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> > > > > > >
> > > > > > > Paul
> > > > > > >
> > > > > > > Barry <bumologist@> wrote:
> > > > > > > Hi,
> > > > > > >
> > > > > > > I recently bought a very nice 850, and changed the original
> > > > battery
> > > > > > > that amazingly was not leaking. I had no problems during the
> > > > battery
> > > > > > > swap, but over the last couple of days, there has been a big
> > > > increase
> > > > > > > in CPU type noise. A lot of it is coming through the
> > antenna,
> > > > as
> > > > > > > disconnecting it cuts it way down, except for the really bad
> > > > areas
> > > > > > > descibed below. Compared to my other receivers, the noise is
> > > > obvious.
> > > > > > > There is no sensitivity problem, it hears well, just a lot
> > of
> > > > hash
> > > > > > > that makes the weaker stuff hard to hear under the whine..
> > > > > > >
> > > > > > > It's not too bad, from the 6.575 area mentioned below on up,
> > > > until you
> > > > > > > tune to 24 and it slowly increases to 25MHZ where the
> > bandpass
> > > > filter
> > > > > > > switches over, and it jumps up noticably and is all over the
> > > > place,
> > > > > > > going up and down all the way to 30MHZ. It's NOT my PS, I
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> > > > > > > to a battery and it was the same. I checked all the plugs,
> > and
> > > > ribbon
> > > > > > > cables, and they look fine. I am pretty experienced with
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> > > > minor
> > > > > > > repairs and mods on Kenwood 450's and 850's, and I kind of
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> > > > > > > > The noise increases tremendously when any of the IC's in the
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> > > > > > > > If I tune around, there are freq ranges where turning the
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> > > > > > > > makes a creaking noise and if turned slowly enough, makes
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> > > > > > > > each tuning increment (1hz). One of these ranges starts at
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> > > > > > > > and gets louder until 6.585 where the tuning noise pops up.
> > > It
> > > > > fades
> > > > > > > > away until 6.595 where it's almost gone. Other places this
> > > > > occurs is
> > > > > > > > centered on 6.345, 6.190, and 6.060. In AM mode, it's VERY
> > > > > loud, in
> > > > > > > > USB, and LSB, it's not as bad, except where it makes the
> > > > > creaking
> > > > > > > > noise as described above.
> > > > > > > >
> > > > > > > > Any ideas??
> > > > > > > >
> > > > > > > > Thanks,
> > > > > > > >
> > > > > > > > Barry N8PVX
> > > > > > > >
> > > > > > > >
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> > > > > > > >
> > > > > > > > ---------------------------------
> > > > > > > > Need Mail bonding?
> > > > > > > > Go to the Yahoo! Mail Q&A for great tips from Yahoo! Answers
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> > > > > > > >
> > > > > > > > [Non-text portions of this message have been removed]
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> > > > > Looking for earth-friendly autos?
> > > > > Browse Top Cars by "Green Rating" at Yahoo! Autos' Green Center.
> > > > >
> > > > > [Non-text portions of this message have been removed]
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> > > >
> > > > --
> > ------
> > > >
> > > > No virus found in this incoming message.
> > > > Checked by AVG Free Edition.
> > > > Version: 7.5.446 / Virus Database: 268.18.20/736 - Release Date:
> > 3/27/2007 4:38 PM
> > > >
> > >
> >
>

5779. Re: CPU type noise?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-03-29 19:10:31 UTC
From: Barry
Topic: 5686 Message: 5779

Hi Roland,

I tried that a couple of days ago, and unplugged and reseated all the coax interconnects and got nothing. It actually seems to be getting slightly worse. I didn't do the remote battery, I put a holder in place on the board, and I did a test replacement on it, just taking the top cover off and was able to do it in a few seconds.

I'm liking the electrolytic caps on the board more and more.

Thanks,

Barry

--- In TS-850_450_690@yahoogroups.com, "ah6rr1" <Toesonnose@...> wrote:
>
> Try to loosen and re-tighten all screws on the boards in the rig.I
> could be that there is some loose connections to ground. I hope you
> did the remote battery mod as it will make replacement a snap.
> Roland AH6RR
>
>
>
>
>
>
>
> --- In TS-850_450_690@yahoogroups.com, Paul <malti7388@> wrote:
> >
> > I have had a similar problem- when touching the main tuning dial.
> Making a good electrical and rf earth cured the culpit
> >
> > Barry <bumologist@> wrote: The
> noise is not on my 3 other recievers. At least until the 850 is
> > turned on. The front panel area of the 850 seems to be the source
> of
> > it. I can't figure out why it's doing it. It's the same when run
> off
> > my PS or a battery.
> >
> > Thanks,
> >
> > Barry
> >
> > --- In TS-850_450_690@yahoogroups.com, <crownhaven@> wrote:
> > >

> > > Turn everything in the house off and connect it to a battery and
> see
> > what happens.......
> > > >
> > > > From: Paul <malti7388@>
> > > > Date: 2007/03/27 Tue PM 08:03:43 EDT
> > > > To: TS-850_450_690@yahoogroups.com
> > > > Subject: Re: [TS-850_450_690] CPU type noise?
> > > >
> > > > you have a good RF Earth ??
> > > >
> > > > Paul
> > > >
> > > > Barry <bumologist@> wrote:
> > > > Hi,
> > > >
> > > > I recently bought a very nice 850, and changed the original
> battery
> > > > that amazingly was not leaking. I had no problems during the
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> > > > swap, but over the last couple of days, there has been a big
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> > > > going up and down all the way to 30MHZ. It's NOT my PS, I
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> > > > to a battery and it was the same. I checked all the plugs, and
> ribbon
> > > > cables, and they look fine. I am pretty experienced with doing
> minor
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> think this
> > > > is just a coincidence. It had a slight amount of this noise
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> > mildly.
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> > > > The noise increases tremendously when any of the IC's in the
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> > > > area are touched, touching the firmware IC causes a tremendous
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> > > > each tuning increment (1hz). One of these ranges starts at
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> > > > and gets louder until 6.585 where the tuning noise pops up. It
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> > > > away until 6.595 where it's almost gone. Other places this
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> > > > USB, and LSB, it's not as bad, except where it makes the
> creaking
> > > > noise as described above.
> > > >
> > > > Any ideas??
> > > >
> > > > Thanks,
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> > > > Barry N8PVX
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> > > > ---------------------------------
> > > > Need Mail bonding?
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> > > > [Non-text portions of this message have been removed]
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> >
> > ---------------------------------
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> >
> > [Non-text portions of this message have been removed]
> >
>

5780. Re: [TS-850_450_690] TS-850 Microphones

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-03-29 19:33:53 UTC
From: dave schertzer
Topic: 5700 Message: 5780

I use a D104 that seem to work. Lots of AUDIO!

bigfork04 <bigfork04@...> wrote:
I just purchased a TS-850SAT and would like to purchase a desk mic for
it. Any suggestions on which ones are good to use with the 850.
Thanks for the input.

KL1NJ

TV dinner still cooling?
Check out "Tonight's Picks" on Yahoo! TV.

[Non-text portions of this message have been removed]

5781. Re: diode 31

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-03-29 19:40:35 UTC
From: Clif
Topic: 5774 Message: 5781

Picture posted under TS850 D31. This is a late model board with 2
diodes instead of 1. This is the bottom of the board under the ATT relays.

Clif

--- In TS-850_450_690@yahoogroups.com, "Rupert Walford" <elvyn@...> wrote:
>
> thanks i see those test points but where on the board is D31
> ----- Original Message -----
> From: Clif
> To: TS-850_450_690@yahoogroups.com
> Sent: Thursday, March 29, 2007 7:25 AM
> Subject: [TS-850_450_690] Re: diode 31
>
>
> If D31 is bad you will have no RX in ANY mode, including FM. The check
> for D#! is to go to the RF board. About halfway back on the right side
> there are 2 points labeled RXB and TXB. RXB is Receive Bias and will
> be 8v in RX and 0v in TX. TXB is TX Bias and will be 8v in TX and 0v
> in RX.. Check those 2 points for proper operation. If D31 is bad then
> the RXB line will be appx 1-2v. TXB will be correct, 0 in RX and
8v in TX.
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "Rupert Walford" <elvyn@>
wrote:
> >
> > Would like some help in locating diode 31 on the RF board,i have
> identified D3and others ,i have a rx problem on all modes except
> fm.the board i am looking at the #x44-3120-00 a/4
> > Cheers
> > Rupert
> > 6y5rw
> >
> > [Non-text portions of this message have been removed]
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>
> No virus found in this incoming message.
> Checked by AVG Free Edition.
> Version: 7.5.446 / Virus Database: 268.18.20/737 - Release Date:
3/28/2007 4:23 PM
>
>
> [Non-text portions of this message have been removed]
>

5782. Re: CPU type noise?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-03-29 19:21:43 UTC
From: Barry
Topic: 5686 Message: 5782

Hi Tom,

No, I don't think we are picking up the same QRM!

This is what I've done so far, with no luck:

Reseated cables, coax and other interconnects.
Radio has same problem on PS or battery.
Grounding doesn't affect it at all.
Shorted antenna input, and it's still there, very noticable all over
due to lack of noise/signal to cover it up.
Resoldered the battery holder (I had the board loose, so why not?)
Reseated the socketed CPU.

Nothing.

The handling of the board, seems to be the cause, as far as I can
tell. maybe a cap didn't like being touched and died..

I'm going to change all the caps on the board, won't cost much to try,
and if it works..yippee!

Thanks,

Barry

--- In TS-850_450_690@yahoogroups.com, "ve3thr" <muzzmobility@...> wrote:
>
> Barry and the 850 Group.
> My 850 does exactly the same thing on the same freq's as Barry's and
> that's with no antenna and antenna shorted at rig so-239. My batt was
> changed out about a year ago - by the dealer...ouch!!! while doing
> some repairs. Never noticed this noise before either. Still there
> even if you press the SCAN function. Rig is factory original - no
> mods.
> I'm located north of Toronto Canada so I don't think Barry and I are
> rx'g the same qrm.
> Following the threads
> Tom VE3THR
>
>
>
>
> --- In TS-850_450_690@yahoogroups.com, Mike Rhodes <w8dn@> wrote:
> >
> > Now you've got my attention. I thought I had checked out most of
> the

> > TS-850 mods but the remote battery mod is a new one to me. Where do
> I
> > start looking.
> >
> > Thanks,
> > Mike / W8DN
> >
> > ah6rr1 wrote:
> > >
> > > Try to loosen and re-tighten all screws on the boards in the rig.I
> > > could be that there is some loose connections to ground. I hope
> you
> > > did the remote battery mod as it will make replacement a snap.
> > > Roland AH6RR
> > >
> > > --- In TS-850_450_690@yahoogroups.com
> > > <mailto:TS-850_450_690%40yahoogroups.com>, Paul <malti7388@>
> wrote:
> > > >
> > > > I have had a similar problem- when touching the main tuning
> dial.
> > > Making a good electrical and rf earth cured the culpit
> > > >
> > > > Barry <bumologist@> wrote: The
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> > > > my PS or a battery.
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> > > > Thanks,
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> > > > Barry
> > > >
> > > > --- In TS-850_450_690@yahoogroups.com
> > > <mailto:TS-850_450_690%40yahoogroups.com>, <crownhaven@> wrote:
> > > > >
> > > > > Turn everything in the house off and connect it to a battery
> and
> > > see
> > > > what happens.......
> > > > > >
> > > > > > From: Paul <malti7388@>
> > > > > > Date: 2007/03/27 Tue PM 08:03:43 EDT
> > > > > > To: TS-850_450_690@yahoogroups.com
> > > <mailto:TS-850_450_690%40yahoogroups.com>
> > > > > > Subject: Re: [TS-850_450_690] CPU type noise?
> > > > > >

> > > > > > you have a good RF Earth ??
> > > > > >
> > > > > > Paul
> > > > > >
> > > > > > Barry <bumologist@> wrote:
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> > > > > > each tuning increment (1hz). One of these ranges starts at
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> > > > > > and gets louder until 6.585 where the tuning noise pops up.
> It
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> > > > > > away until 6.595 where it's almost gone. Other places this
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> > > > > > noise as described above.
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> > > > > > Any ideas??
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> > > > > > Thanks,
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> > > > > > Barry N8PVX
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> > >
> > > --
> ------
> > >
> > > No virus found in this incoming message.
> > > Checked by AVG Free Edition.
> > > Version: 7.5.446 / Virus Database: 268.18.20/736 - Release Date:
> 3/27/2007 4:38 PM
> > >
> >
>

5783. Re: TS-850 Microphones

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-03-31 22:01:48 UTC
From: bigfork04
Topic: 5700 Message: 5783

--- In TS-850_450_690@yahoogroups.com, "bigfork04" <bigfork04@...> wrote:
>
> I just purchased a TS-850SAT and would like to purchase a desk mic for
> it. Any suggestions on which ones are good to use with the 850.
> Thanks for the input.
>
> KL1NJ
>I purchased a MC-60A. Thanks for the help>

5784. TS-50 vs TS-50S

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-04-01 06:11:50 UTC
From: Sven Arne Astrup
Topic: 5700 Message: 5784

Hallo!

I have a Kenwood TS-50 tranceiver in the shack and was wondering if there are any differences between the TS-50 and the TS-50S tranceiver. The reason for asking is that I tried to connect the AT-50 antenna tuner to my TS-50, and it would not work. Are there any mods I have to do to my TS-50 or??

73 de Sven LA6KJ

.

HYPERLINK "http://geo.yahoo.com/serv?s=97359714/grpId=3097582/grpspId=1705063108/msgId=5783/stime=1175396764/nc1=4438965/nc2=4025377/nc3=3848525"

--
No virus found in this incoming message.
Checked by AVG Free Edition.
Version: 7.5.446 / Virus Database: 268.18.23/740 - Release Date: 30.03.2007 13:15

--
No virus found in this outgoing message.
Checked by AVG Free Edition.
Version: 7.5.446 / Virus Database: 268.18.23/740 - Release Date: 30.03.2007 13:15

[Non-text portions of this message have been removed]

5785. Re: [TS-850_450_690] TS-50 vs TS-50S

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-04-01 13:09:28 UTC
From: ve3wej gmail
Topic: 5700 Message: 5785

check the manual for a on feature, maybe in a menu... dont know the rig

VE3WEJ
Dave Garber
----- Original Message -----
From: Sven Arne Astrup
To: TS-850_450_690@yahoogroups.com
Sent: Sunday, April 01, 2007 2:11 AM
Subject: [TS-850_450_690] TS-50 vs TS-50S

Hallo!

I have a Kenwood TS-50 tranceiver in the shack and was wondering if there
are any differences between the TS-50 and the TS-50S tranceiver. The reason
for asking is that I tried to connect the AT-50 antenna tuner to my TS-50,
and it would not work. Are there any mods I have to do to my TS-50 or??

73 de Sven LA6KJ

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HYPERLINK
"http://geo.yahoo.com/serv?s=97359714/grpId=3097582/grpspId=1705063108/msgId
=5783/stime=1175396764/nc1=4438965/nc2=4025377/nc3=3848525"

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Version: 7.5.446 / Virus Database: 268.18.23/740 - Release Date: 30.03.2007
13:15

--
No virus found in this outgoing message.
Checked by AVG Free Edition.
Version: 7.5.446 / Virus Database: 268.18.23/740 - Release Date: 30.03.2007
13:15

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

5786. TS-450SAT CAT Interface.

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-04-01 16:27:18 UTC
From: dxspotter
Topic: 5786 Message: 5786

Hello.
As a totally new owner and user of the TS-450 SAT transceiver and member of this group may I ask what is no doubt a simple and very basic question please.

I would like to put my TS-450 under computer control,however I am not sure that the radio will support computer control without adding additional components !! My radio does have a 6 pin din plug on the side of the radio which is meant for the CAT interface !!.

The interface I am interested in is made here in the UK by Neil G4ZLP his web site is www.g4zlp.co.uk clicking on the Kenwood cat link will take persons to the appropriate page on the site - clicking on the more info link then gives more information on additional components for the various Kenwood radios that needs additional components fitting !! The TS-450 is not listed in the list !! However to be sure I would be ok before ordering the interface I mailed Neil direct to ask re the additional components I received a reply back a short while saying he was not sure if the radio needed the additional components hence the reason for this mail.

The handbook / manual does refer to computer control but does not give any set up advice e.g. Baud rate / parity etc.

The serial number of my radio is 40700039.

Any advice will be more than welcome.

Thank You in Advance.

73s.

Terry.

[Non-text portions of this message have been removed]

5787. Re: [TS-850_450_690] TS-450SAT CAT Interface.

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-04-01 20:57:31 UTC
From: Tom Osborne
Topic: 5786 Message: 5787

Hi Terry

I am using one of Neil's interfaces on my TS-450SAT and it works great (actually I have 3 of them for 2 '450's and a Yaesu FT-840). I got the one with the serial port plug on it. It just plugs into the side of the '450,, no extra goodies to buy.

The settings are 4800, 8, n, 2, handshake, handshake. I use mine with N1MM Logger and also with Ham Radio Deluxe. Neil also has great customer service. 73
Tom W7WHY

> Hello.
> As a totally new owner and user of the TS-450 SAT transceiver and
> member of this group may I ask what is no doubt a simple and very basic
> question please.
>
> I would like to put my TS-450 under computer control,however I am not sure
> that the radio will support computer control without adding additional
> components !! My radio does have a 6 pin din plug on the side of the radio
> which is meant for the CAT interface !!.
>
> The interface I am interested in is made here in the UK by Neil G4ZLP his
> web site is www.g4zlp.co.uk clicking on the Kenwood cat link will take
> persons to the appropriate page on the site - clicking on the more info
> link
> then gives more information on additional components for the various
> Kenwood
> radios that needs additional components fitting !! The TS-450 is not
> listed
> in the list !! However to be sure I would be ok before ordering the
> interface I mailed Neil direct to ask re the additional components I
> received a reply back a short while saying he was not sure if the radio
> needed the additional components hence the reason for this mail.
>
> The handbook / manual does refer to computer control but does not give any
> set up advice e.g. Baud rate / parity etc.
>
> The serial number of my radio is 40700039.
>
> Any advice will be more than welcome.
>
> Thank You in Advance.
>
> 73s.
>

> Terry.
>
>
>
>
> [Non-text portions of this message have been removed]
>
>
>
> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
>
>
>
>

5788. Re: [TS-850_450_690] TS-450SAT CAT Interface.

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-04-01 22:32:38 UTC
From: Tom LeClerc W1TJL
Topic: 5786 Message: 5788

Hi Terry,

Other than the interface you don't need any other hardware for the 450/690. They are the same except for 6 meters on the 690. I use the settings for the TS-950 if the software doesn't specifically have the 450 or 690. Works great.

73, Tom W1TJL

--
Tom LeClerc, Amateur Radio Station W1TJL
(past calls WB1CBY, /VE8,XL8,VO1)

LeClerc Consulting
email: w1tjl@...
PC/Network Consulting

On 4/1/07, dxspotter <dxspotter@...> wrote:
>
> Hello.
> As a totally new owner and user of the TS-450 SAT transceiver and
> member of this group may I ask what is no doubt a simple and very basic
> question please.
>
> I would like to put my TS-450 under computer control,however I am not sure
> that the radio will support computer control without adding additional
> components !! My radio does have a 6 pin din plug on the side of the radio
> which is meant for the CAT interface !!.
>
> The interface I am interested in is made here in the UK by Neil G4ZLP his
> web site is www.g4zlp.co.uk clicking on the Kenwood cat link will take
> persons to the appropriate page on the site - clicking on the more info
> link
> then gives more information on additional components for the various
> Kenwood
> radios that needs additional components fitting !! The TS-450 is not
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> in the list !! However to be sure I would be ok before ordering the
> interface I mailed Neil direct to ask re the additional components I
> received a reply back a short while saying he was not sure if the radio
> needed the additional components hence the reason for this mail.
>
> The handbook / manual does refer to computer control but does not give any
> set up advice e.g. Baud rate / parity etc.
>
> The serial number of my radio is 40700039.

>
> Any advice will be more than welcome.
>
> Thank You in Advance.
>
> 73s.
>
> Terry.
>
>
>
>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

5789. Re: [TS-850_450_690] TS-450SAT CAT Interface.

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-04-01 23:35:49 UTC
From: dxspotter
Topic: 5786 Message: 5789

Hello.thanks for the replies re my query on computer controlling the TS-450S
I have now placed the order with Neil,yes he is a great guy to deal with I
have interfaces from him for both my FT-840 and the FT897 with one for the
Icom range of radios.

As you say his customer support is superb - delivery time is usually very
good as well.

Again many thanks for your help.

73s.

Terry.

.

[Non-text portions of this message have been removed]

5790. TS450S AutoTuner Problems

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-04-02 02:01:26 UTC
From: yb2ecg
Topic: 5790 Message: 5790

Dear forums,

I've been searching the post-archive about TS450S Autotuner problem
but could not find.

I always use my autotuner; a few weeks ago when running BARTG RTTY
suddenly the SWR rise up and the power decreased.
Soon I stop the transmision and check the antenna with analyzer; it
stil OK (I'm using tribander and my rotary dipole); I try using
another antenna (I've checked the antenna before with the analyzer)
but the AT stil have the problems.
I've also tried with the manual tuning but could not reduce the SWR!

Any suggestion and recomendation will be much appreciated.

Regards,
YB2ECG, Jon
yc2ecg.blogspot.com

5791. TS850 CPU type noise...SOLVED!!

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-04-02 03:35:00 UTC
From: Barry
Topic: 5791 Message: 5791

Well, it's over! It appears that the 850 must have been sitting a while, or the 16V caps Kenwood used just gave up coincidentally with my replacing the battery. I think 16V caps on a 13.8V radio is kind of cutting it too close.

I ordered all the caps for the digital board from Digi-Key and they came in two days, cost was like 12 bucks.

I took the digital board out completely, and gave it a look over before I started yanking out the caps, and I found one cracked, and one funny looking solder joint on the board, so I hit those, and resoldered the battery holder, just out of paranoia, my soldering is pretty good after all these years. The cracked joint was on a plug, but it didn't seem to affect the receiver at all, so that wasn't a cause of this issue.

There are 3 47uf caps right next to a heat sink on the right hand side of the board, and one was puffed up a little. Not like it was really noticable unless you look at it really closely. When I was pulling on the first of the three, it came apart. The guts just pulled out. Second one did the same thing, the third seemed ok, but I crushed it and it was full of powder inside, it was dry as a desert. These 3 caps are in a little corner when the radio is all put together and there's not much, if any airflow over them, and that heatsink is too hot to touch with the front panel swung down, let alone when it's closed up. There are two regulators on that heatsink, and it seems like an odd place to put them, but that's Kenwood. I'm guessing these 3 were the main cause of the problem, but I found a couple of the 100uf caps that came apart when just slightly pulled or pushed on, they were dryed up too.

So, with all the electrolytics on the Digital Board replaced, it was time to fire it up.

Six megs was clean! Nice. I did the repairs at work, a horrible place for HF RFI, but I tuned in several hams on 75 meters with a hunk of wire shoved into the SO-239 and also found a few SW stations on 40 meters.

A quick check at home shows that the whine is gone everywhere but a couple of places and those places it's still there are very weak, anything readable would cover it up. The other 850s I played with had it too, so I guess it's normal. No more "door creak" noise and the nice normal HF background hiss is a nice change on on the freqs where S7 on up worth of CPU grind was there previously.

SSB audio is fantastic now, it was good before, but is a lot better now. It's a keeper. Thanks to everyone for your suggestions.

Barry.

5792. '850S vco2 question

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-04-02 03:50:11 UTC
From: sp600jx21
Topic: 5792 Message: 5792

I recently and suddenly had the all dot display/UL code problem come up. I measured the vco2 voltage at TP2 and it read 7.9, but adjusting TC1 wouldn't change the voltage. I changed out TC1 with a 3-10pf cap, voltage now reads 8.1, however adjusting the cap again doesn't change the voltage. Why am I not able to adjust the voltage with TC1? Any ideas for plan B?

5793. Re: [TS-850_450_690] TS850 CPU type noise...SOLVED!!

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-04-02 12:56:56 UTC
From: Anthony W. DePrato WA4JQS
Topic: 5791 Message: 5793

At 11:35 PM 4/1/2007, you wrote:
>Well, it's over! It appears that the 850 must have been sitting a
>while, or the 16V caps Kenwood used just gave up coincidentally with
>my replacing the battery. I think 16V caps on a 13.8V radio is kind of
>cutting it too close.
>This is a MOD that kenwood service came out with.. you MUST replace
>ALL 16 volt caps on three boards . if they start leaking which they
>will it will trash the boards.

N8UX has some info on this page about this.
73 Tony

Anthony W. DePrato WA4JQS
QCWA # 23602 10X # 3621
A1-OP FISTS # 10573 VBA # 55 AMI # 1274
NCDXF # 1036 RNARS # 1309 SKCC # 1227
DXCC PHONE DXCC RTTY DXCC CW
Lis. 1962 Calls Held
VP8BZL VP8SSI 3Y0PI V31SS ZD8JQS
WA4JQS/ZS1 WA4JQS/4K1 WA4JQS/KC4

5794. Re: TS850 CPU type noise...SOLVED!!

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-04-02 09:07:43 UTC
From: stewart_bakeruk
Topic: 5791 Message: 5794

Well done Barry, this is one for the archives.

73
Stewart G3RXQ

--- In TS-850_450_690@yahoogroups.com, "Barry" <bumologist@...> wrote:
>
> Well, it's over! It appears that the 850 must have been sitting a
> while, or the 16V caps Kenwood used just gave up coincidentally with
> my replacing the battery. I think 16V caps on a 13.8V radio is kind of
> cutting it too close.
>
> I ordered all the caps for the digital board from Digi-Key and they
> came in two days, cost was like 12 bucks.
>
> I took the digital board out completely, and gave it a look over
> before I started yanking out the caps, and I found one cracked, and
> one funny looking solder joint on the board, so I hit those, and
> resoldered the battery holder, just out of paranoia, my soldering is
> pretty good after all these years. The cracked joint was on a plug,
> but it didn't seem to affect the receiver at all, so that wasn't a
> cause of this issue.
>
> There are 3 47uf caps right next to a heat sink on the right hand side
> of the board, and one was puffed up a little. Not like it was really
> noticable unless you look at it really closely. When I was pulling on
> the first of the three, it came apart. The guts just pulled out.
> Second one did the same thing, the third seemed ok, but I crushed it
> and it was full of powder inside, it was dry as a desert. These 3 caps
> are in a little corner when the radio is all put together and there's
> not much, if any airflow over them, and that heatsink is too hot to
> touch with the front panel swung down, let alone when it's closed up.
> There are two regulators on that heatsink, and it seems like an odd
> place to put them, but that's Kenwood. I'm guessing these 3 were the
> main cause of the problem, but I found a couple of the 100uf caps that
> came apart when just slightly pulled or pushed on, they were dryed up
> too.
>
> So, with all the electrolytics on the Digital Board replaced, it was
> time to fire it up.
>
> Six megs was clean! Nice. I did the repairs at work, a horrible place
> for HF RFI, but I tuned in several hams on 75 meters with a hunk of
> wire shoved into the SO-239 and also found a few SW stations on 40
meters.

>
> A quick check at home shows that the whine is gone everywhere but a
> couple of places and those places it's still there are very weak,
> anything readable would cover it up. The other 850s I played with had
> it too, so I guess it's normal. No more "door creak" noise and the
> nice normal HF background hiss is a nice change on on the freqs where
> S7 on up worth of CPU grind was there previously.
>
> SSB audio is fantastic now, it was good before, but is a lot better
> now. It's a keeper. Thanks to everyone for your suggestions.
>
> Barry.
>

5795. RE: [TS-850_450_690] TS850 CPU type noise...SOLVED!!

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-04-02 16:39:58 UTC
From: Steve Gehring
Topic: 5791 Message: 5795

Barry,

Great job.

Since you've already done this, could you provide a parts list with schematic part #'s, the Digi-Key part #'s for this board?

It sounds like many of us need to get busy with the digital board… and perhaps the rest of the radio.

Congrats and thanks so much!

Steve, NL7W

-----Original Message-----
From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of Barry
Sent: Sunday, April 01, 2007 8:35 PM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] TS850 CPU type noise...SOLVED!!

Well, it's over! It appears that the 850 must have been sitting a while, or the 16V caps Kenwood used just gave up coincidentally with my replacing the battery. I think 16V caps on a 13.8V radio is kind of cutting it too close.

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place to put them, but that's Kenwood. I'm guessing these 3 were the main cause of the problem, but I found a couple of the 100uf caps that came apart when just slightly pulled or pushed on, they were dried up too.

So, with all the electrolytics on the Digital Board replaced, it was time to fire it up.

Six megs was clean! Nice. I did the repairs at work, a horrible place for HF RFI, but I tuned in several hams on 75 meters with a hunk of wire shoved into the SO-239 and also found a few SW stations on 40 meters.

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SSB audio is fantastic now, it was good before, but is a lot better now. It's a keeper. Thanks to everyone for your suggestions.

Barry.

--
No virus found in this outgoing message.
Checked by AVG Free Edition.
Version: 7.5.446 / Virus Database: 268.18.24/742 - Release Date: 4/1/2007 8:49 PM

5796. Ran an experiment on the TS-850 processor, wonder if someone else could do so

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-04-02 20:19:57 UTC
From: Dave
Topic: 5796 Message: 5796

I ran an experiment last night, to check on a theory I have about the speech processor in the TS-850.

Here's the setup:

* Set the PWR knob full clockwise, basically full 100W output.
* Mode can be USB or LSB, doesn't matter.
* Rig should be connected to a dummy load, or an antenna with low SWR, or use the tuner. Best to do this on a band that's closed...you'll make some noise doing this.
* Turn the PROC knob fully counter-clockwise.
* Turn the PROC ON
* Start with the MIC (gain) all the way counter-clockwise

Now, press the PTT...zero output power, as you would expect. Start advancing the MIC (gain) control and you will see the RF output power climb. You're transmitting broadband noise. On mine, I can get it up to about 70 watts shown on the front panel meter, at which point, it's a very wide noise, centered on the dial frequency.

My theory is that the speech processor is a very high-gain circuit, so it's inherently noisy. When you turn on the processor, it is inserted between the microphone and the MIC control. The PROC control, when the processor is enabled, becomes the new "mic gain" function and the radio is dependent on the MIC pot having been set correctly before the processor is enabled.

The "high boost" is really designed to work in conjunction with the processor...my experiments suggest that it's optimized for 10dB of compression. I often run with the high boost enabled, and the processor turned on, and until I mention that I'm running processing, nobody notices.

Anyway, I'd be curious if someone else would try that test - PROC gain all the way down, turn on PROC and see if you get broad noise out of the rig as you advance the MIC control.

In my case, I can hear it in the monitor, if I have that enabled.

TNX & 73,

Dave W8NF

5797. Re: Ran an experiment on the TS-850 processor, wonder if someone else could do s

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-04-02 21:14:28 UTC
From: Mike
Topic: 5796 Message: 5797

Hi Dave;
Wow, I saw this the other night when I was switching mics around.
With the MC-60 I have the problem as you say.
With the orignal mic for the unit, no problems.
Go figure??
Hope this helps some.
Thanks for the info. Now I know.
73's
Mike KD4BNM

--- In TS-850_450_690@yahoogroups.com, "Dave" <emailw8nf@...> wrote:
>
> I ran an experiment last night, to check on a theory I have about the
> speech processor in the TS-850.
>
> Here's the setup:
>
> * Set the PWR knob full clockwise, basically full 100W output.
> * Mode can be USB or LSB, doesn't matter.
> * Rig should be connected to a dummy load, or an antenna with low SWR,
> or use the tuner. Best to do this on a band that's closed...you'll
> make some noise doing this.
> * Turn the PROC knob fully counter-clockwise.
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> * Start with the MIC (gain) all the way counter-clockwise
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> Now, press the PTT...zero output power, as you would expect. Start
> advancing the MIC (gain) control and you will see the RF output power
> climb. You're transmitting broadband noise. On mine, I can get it up
> to about 70 watts shown on the front panel meter, at which point, it's
> a very wide noise, centered on the dial frequency.
>
> My theory is that the speech processor is a very high-gain circuit, so
> it's inherently noisy. When you turn on the processor, it is inserted
> between the microphone and the MIC control. The PROC control, when
> the processor is enabled, becomes the new "mic gain" function and the
> radio is dependent on the MIC pot having been set correctly before the
> processor is enabled.
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> The "high boost" is really designed to work in conjunction with the
> processor...my experiments suggest that it's optimized for 10dB of
> compression. I often run with the high boost enabled, and the
> processor turned on, and until I mention that I'm running processing,
> nobody notices.

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> Anyway, I'd be curious if someone else would try that test - PROC gain
> all the way down, turn on PROC and see if you get broad noise out of
> the rig as you advance the MIC control.
>
> In my case, I can hear it in the monitor, if I have that enabled.
>
> TNX & 73,
>
> Dave W8NF
>

5798. Re: [TS-850_450_690] Re: Ran an experiment on the TS-850 processor, wonder if someone else could do s

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-04-02 22:04:15 UTC
From: Mark, KJ7BS
Topic: 5796 Message: 5798

The MC-60 is an amplified desk microphone. I suspect the gain of the microphone preamp + the gain of the compressor is responsible for the wideband noise. I use my microphone so infrequently I've not noticed this condition. I will check this evening after I get home from our club meeting.

I've often wondered the proper way to adjust the microphone gain and then the compressor, with or without a preamplified microphone.

Mark, KJ7BS
Glendale, AZ
Editor, The SKCC Centurion

---- Mike <mkwags@...> wrote:

==========
Hi Dave;
Wow, I saw this the other night when I was switching mics around.
With the MC-60 I have the problem as you say.
With the orignal mic for the unit, no problems.
Go figure??
Hope this helps some.
Thanks for the info. Now I know.
73's
Mike KD4BNM

--- In TS-850_450_690@yahoogroups.com, "Dave" <emailw8nf@...> wrote:
>
> I ran an experiment last night, to check on a theory I have about the
> speech processor in the TS-850.
>
> Here's the setup:
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> * Set the PWR knob full clockwise, basically full 100W output.
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> the rig as you advance the MIC control.
>
> In my case, I can hear it in the monitor, if I have that enabled.
>
> TNX & 73,
>
> Dave W8NF
>

5799. Re: Ran an experiment on the TS-850 processor, wonder if someone else could do s

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-04-03 00:44:46 UTC
From: Dave
Topic: 5796 Message: 5799

Then you saw something completely different. What I saw was noise
from the processor circuits. I could unplug the mic, key the radio
with the "SEND" button and get the same effect.

With the processor engaged, the "PROC" knob becomes the mic gain...and
the experiment is done with that knob turned all the way down. No
signal from the mic is required.

Dave

--- In TS-850_450_690@yahoogroups.com, "Mike" <mkwags@...> wrote:
>
> Hi Dave;
> Wow, I saw this the other night when I was switching mics around.
> With the MC-60 I have the problem as you say.
> With the orignal mic for the unit, no problems.
> Go figure??
> Hope this helps some.
> Thanks for the info. Now I know.
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> Mike KD4BNM
>
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> --- In TS-850_450_690@yahoogroups.com, "Dave" <emailw8nf@> wrote:
> >
> > I ran an experiment last night, to check on a theory I have about the
> > speech processor in the TS-850.
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> > Here's the setup:
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> > * Set the PWR knob full clockwise, basically full 100W output.
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> > make some noise doing this.
> > * Turn the PROC knob fully counter-clockwise.
> > * Turn the PROC ON
> > * Start with the MIC (gain) all the way counter-clockwise
> >
> > Now, press the PTT...zero output power, as you would expect. Start
> > advancing the MIC (gain) control and you will see the RF output power
> > climb. You're transmitting broadband noise. On mine, I can get it up
> > to about 70 watts shown on the front panel meter, at which point, it's
> > a very wide noise, centered on the dial frequency.

> >
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> > it's inherently noisy. When you turn on the processor, it is inserted
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> > the processor is enabled, becomes the new "mic gain" function and the
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> > the rig as you advance the MIC control.
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> > TNX & 73,
> >
> > Dave W8NF
> >
>

5800. Re: Ran an experiment on the TS-850 processor, wonder if someone else could do s

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-04-03 00:49:26 UTC
From: Dave
Topic: 5796 Message: 5800

I'll have to run the experiment again to make sure I'm properly describing it. But the point is that no microphone signal is required in order to create this nearly full power output. It seems the noise is created by the processor circuit. It's not a failure, I don't think - the setting of the MIC control (which sits between the processor and the SSB modulator, when you have the processor turned on) to create the excess power is preposterously high, way above where you'd set it normally.

Here's my procedure for setting up the processor. When I do this, stations I'm in QSO with report that it sounds like I turned on an amplifier - does not sound processed.

First, set up with the processor OFF...whatever other settings you have, ensure that the readings of the ALC meter are "just barely". The TS-850 generates a lot of splatter if you allow too much ALC action.

Now, turn on the processor, switch the meter over so that it's telling you how many dB of compression. Adjust the PROC knob on transmit until you get 10dB of compression...maybe 15dB on voice peaks. This should be the end of it, but just to make sure, switch the meter back to ALC, and make sure the ALC reading is still "barely off of zero". If it's not, turn down the MIC knob just a hair until the ALC is barely moving again. With the processor enabled, the ALC action is a bit steadier.

That gives you a signal that's a bit more commanding, without sounding shrill or processed.

Dave W8NF

--- In TS-850_450_690@yahoogroups.com, "Mark, KJ7BS" <kj7bs@...> wrote:
>
> The MC-60 is an amplified desk microphone. I suspect the gain of the microphone preamp + the gain of the compressor is responsible for the wideband noise. I use my microphone so infrequently I've not noticed this condition. I will check this evening after I get home from our club meeting.
>
> I've often wondered the proper way to adjust the microphone gain and then the compressor, with or without a preamplified microphone.
>
> Mark, KJ7BS
> Glendale, AZ
> Editor, The SKCC Centurion

>
> ---- Mike <mkwags@...> wrote:
>
> ==========
> Hi Dave;
> Wow, I saw this the other night when I was switching mics around.
> With the MC-60 I have the problem as you say.
> With the orignal mic for the unit, no problems.
> Go figure??
> Hope this helps some.
> Thanks for the info. Now I know.
> 73's
> Mike KD4BNM
>
>
> --- In TS-850_450_690@yahoogroups.com, "Dave" <emailw8nf@> wrote:
> >
> > I ran an experiment last night, to check on a theory I have about the
> > speech processor in the TS-850.
> >
> > Here's the setup:
> >
> > * Set the PWR knob full clockwise, basically full 100W output.
> > * Mode can be USB or LSB, doesn't matter.
> > * Rig should be connected to a dummy load, or an antenna with low SWR,
> > or use the tuner. Best to do this on a band that's closed...you'll
> > make some noise doing this.
> > * Turn the PROC knob fully counter-clockwise.
> > * Turn the PROC ON
> > * Start with the MIC (gain) all the way counter-clockwise
> >
> > Now, press the PTT...zero output power, as you would expect. Start
> > advancing the MIC (gain) control and you will see the RF output power
> > climb. You're transmitting broadband noise. On mine, I can get it up
> > to about 70 watts shown on the front panel meter, at which point, it's
> > a very wide noise, centered on the dial frequency.
> >
> > My theory is that the speech processor is a very high-gain circuit, so
> > it's inherently noisy. When you turn on the processor, it is inserted
> > between the microphone and the MIC control. The PROC control, when
> > the processor is enabled, becomes the new "mic gain" function and the
> > radio is dependent on the MIC pot having been set correctly before the
> > processor is enabled.
> >
> > The "high boost" is really designed to work in conjunction with the
> > processor...my experiments suggest that it's optimized for 10dB of
> > compression. I often run with the high boost enabled, and the
> > processor turned on, and until I mention that I'm running processing,
> > nobody notices.
> >

> > Anyway, I'd be curious if someone else would try that test - PROC gain
> > all the way down, turn on PROC and see if you get broad noise out of
> > the rig as you advance the MIC control.
> >
> > In my case, I can hear it in the monitor, if I have that enabled.
> >
> > TNX & 73,
> >
> > Dave W8NF
> >
>

5801. TUNING KNOB CRACKLING SOUND

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-04-03 01:25:44 UTC
From: mintaka capella
Topic: 5801 Message: 5801

Hello everybody!

I have a Kenwood TS 850S rig which I find a little annoying lately. The problem with it is the mild crackling sound that could be heard whenever the main frequency tuning knob is turned and the sound stops when the knob is at rest. The crackle is heard on all ham bands. Rather odd this problem is and I am at a lost as to how to rectify it. Would appreciate suggestions to solve it. Regards

Hanafi (9W2TZ)

It's here! Your new message!
Get new email alerts with the free Yahoo! Toolbar.
http://tools.search.yahoo.com/toolbar/features/mail/

5802. Re: Ran an experiment on the TS-850 processor, wonder if someone else could do s

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-04-03 00:34:40 UTC
From: Mike
Topic: 5796 Message: 5802

Hi again;
Just a note, I did run it without the amp on. I haven't had the chance
to test that part yet. Just bought it 2 weeks ago and was still
compareing the two.
73's Mike KD4BNM

--- In TS-850_450_690@yahoogroups.com, "Mark, KJ7BS" <kj7bs@...> wrote:
>
> The MC-60 is an amplified desk microphone. I suspect the gain of
the microphone preamp + the gain of the compressor is responsible for
the wideband noise. I use my microphone so infrequently I've not
noticed this condition. I will check this evening after I get home
from our club meeting.
>
> I've often wondered the proper way to adjust the microphone gain and
then the compressor, with or without a preamplified microphone.
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> Mark, KJ7BS
> Glendale, AZ
> Editor, The SKCC Centurion
>
> ---- Mike <mkwags@...> wrote:
>
> =============
> Hi Dave;
> Wow, I saw this the other night when I was switching mics around.
> With the MC-60 I have the problem as you say.
> With the orignal mic for the unit, no problems.
> Go figure??
> Hope this helps some.
> Thanks for the info. Now I know.
> 73's
> Mike KD4BNM
>
>
> --- In TS-850_450_690@yahoogroups.com, "Dave" <emailw8nf@> wrote:
> >
> > I ran an experiment last night, to check on a theory I have about the
> > speech processor in the TS-850.
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> > Here's the setup:
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> > * Set the PWR knob full clockwise, basically full 100W output.
> > * Mode can be USB or LSB, doesn't matter.

> > * Rig should be connected to a dummy load, or an antenna with low SWR,
> > or use the tuner. Best to do this on a band that's closed...you'll
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> > Now, press the PTT...zero output power, as you would expect. Start
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> > climb. You're transmitting broadband noise. On mine, I can get it up
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> > processor...my experiments suggest that it's optimized for 10dB of
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> > processor turned on, and until I mention that I'm running processing,
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> > Anyway, I'd be curious if someone else would try that test - PROC gain
> > all the way down, turn on PROC and see if you get broad noise out of
> > the rig as you advance the MIC control.
> >
> > In my case, I can hear it in the monitor, if I have that enabled.
> >
> > TNX & 73,
> >
> > Dave W8NF
> >
>

5803. TS850 CPU type noise...SOLVED!!

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-04-03 12:47:50 UTC
From: Barry
Topic: 5791 Message: 5803

Ok, since you asked for them:

These are the radio part numbers, and the digi-key parts numbers for them. This is for the Digital Board only...

C134
C135
C138
C139
These are all 47uf caps, and I used Digi-key part number:

P1179-ND

I made a mistake in my last post, there are 4 of these caps near the heat sink.

C152
C172
C181
C190
C196
C198
C208
C288
C291
C305

These are all 100uf, and I used Digi-Key part number:

P1180-ND

C195 is a 10uf, and I used Digi-Key part number:

P1176-ND

This really isn't a hard job, there are SMT components nearby, but using a small soldering iron, you should have no trouble changing the caps out right next to them. The caps are pulled very tightly to the PC board, and the leads are folded back against the pads. I found the best way to remove them was to use a desoldering iron, and to heat the joint and just push the cap until one lead was out, and then heat the other joint, and pull it out. My desoldering iron cleaned the holes out very nicely and it was easy after that point. Label the cables before you unplug them, but it's really hard to plug them back in incorrectly. Be careful on the heat, I did have one pad come loose,

but it wasn't a problem.

Good Luck.

Barry

5804. Re: TS850 CPU type noise...SOLVED!!

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-04-03 12:49:09 UTC
From: Barry
Topic: 5791 Message: 5804

--- In TS-850_450_690@yahoogroups.com, "Anthony W. DePrato WA4JQS"
<wa4jqs@...> wrote:
>
> At 11:35 PM 4/1/2007, you wrote:
> >Well, it's over! It appears that the 850 must have been sitting a
> >while, or the 16V caps Kenwood used just gave up coincidentally with
> >my replacing the battery. I think 16V caps on a 13.8V radio is kind of
> >cutting it too close.
> >This is a MOD that kenwood service came out with.. you MUST replace
> >ALL 16 volt caps on three boards . if they start leaking which they
> >will it will trash the boards.
>
> N8UX has some info on this page about this.
> 73 Tony
>
>
> Anthony W. DePrato WA4JQS
> QCWA # 23602 10X # 3621
> A1-OP FISTS # 10573 VBA # 55 AMI # 1274
> NCDXF # 1036 RNARS # 1309 SKCC # 1227
> DXCC PHONE DXCC RTTY DXCC CW
> Lis. 1962 Calls Held
> VP8BZL VP8SSI 3Y0PI V31SS ZD8JQS
> WA4JQS/ZS1 WA4JQS/4K1 WA4JQS/KC4
>

Where is this page? I would like to read up on this. If I have to do
it, might as well be now..

Thanks,

Barry

5805. Re: [TS-850_450_690] TUNING KNOB CRACKLING SOUND

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-04-03 05:51:06 UTC
From: Paul
Topic: 5801 Message: 5805

Had the same problem.
The problem is an insufficient RF and Electrical earth

Paul

mintaka capella <mintaka_capella@...> wrote: Hello everybody!

I have a Kenwood TS 850S rig which I find a little
annoying lately. The problem with it is the mild
crackling sound that could be heard whenever the main
frequency tuning knob is turned and the sound stops
when the knob is at rest. The crackle is heard on all
ham bands. Rather odd this problem is and I am at a
lost as to how to rectify it. Would appreciate
suggestions to solve it. Regards

Hanafi (9W2TZ)

It's here! Your new message!
Get new email alerts with the free Yahoo! Toolbar.
http://tools.search.yahoo.com/toolbar/features/mail/

Don't be flakey. Get Yahoo! Mail for Mobile and
always stay connected to friends.

[Non-text portions of this message have been removed]

5806. AT TS850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-04-03 16:17:03 UTC
From: mdmalley
Topic: 5806 Message: 5806

I just acquierd an internal AT for my TS850S.I have installed it correctly,changed sw at rear for internal,set menu 20 to on ,but the tuner is dead .I tried different antennas etc. I also have cw carrier at 10 watts ,still no responce but the AT lamp lights. Am I missing something or is the AT boke which wouldn't surprise me.any suggestions??
MIKE

5807. Re: [TS-850_450_690] AT TS850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-04-03 19:08:55 UTC
From: yash@aol.com
Topic: 5806 Message: 5807

Mike
try raising the carrier level,my tuner would never work unless it sat about 30+ watts.
dale wt4t

-----Original Message-----
From: mdmalley@...
To: TS-850_450_690@yahoogroups.com
Sent: Tue, 3 Apr 2007 12:17 PM
Subject: [TS-850_450_690] AT TS850

I just acquierd an internal AT for my TS850S.I have installed it
correctly,changed sw at rear for internal,set menu 20 to on ,but the
tuner is dead .I tried different antennas etc. I also have cw carrier
at 10 watts ,still no responce but the AT lamp lights. Am I missing
something or is the AT boke which wouldn't surprise me.any suggestions??
MIKE

_____
AOL now offers free email to everyone. Find out more about what's free from AOL at AOL.com.

[Non-text portions of this message have been removed]

5808. Re: [TS-850_450_690] AT TS850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-04-03 21:43:28 UTC
From: ve3wej gmail
Topic: 5806 Message: 5808

I use mine in fsk mode to test trnsmit, but autotune has always been thru/auto pushed in , then at tune pressed and release when done

cant remember if there is a setting to turn it on or off...

VE3WEJ
Dave Garber
----- Original Message -----
From: yash@...
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, April 03, 2007 3:08 PM
Subject: Re: [TS-850_450_690] AT TS850

Mike
try raising the carrier level,my tuner would never work unless it sat about 30+ watts.
dale wt4t

-----Original Message-----
From: mdmalley@...
To: TS-850_450_690@yahoogroups.com
Sent: Tue, 3 Apr 2007 12:17 PM
Subject: [TS-850_450_690] AT TS850

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MIKE

_____
AOL now offers free email to everyone. Find out more about what's free from AOL at AOL.com.

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

5809. Re: Ran an experiment on the TS-850 processor, wonder if someone else could do s

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-04-04 00:22:50 UTC
From: Clif
Topic: 5796 Message: 5809

While I had an 850 on the bench this afternoon I ran the test you describe.

I got less than 1/2w out with mike gain AND proc all the way up. Turn down either just a bit and nothing. Sounds like there is a problem with your carrier balance. This was with NOTHING connected to the mike jack.

Clif

--- In TS-850_450_690@yahoogroups.com, "Dave" <emailw8nf@...> wrote:
>
> I ran an experiment last night, to check on a theory I have about the
> speech processor in the TS-850.
>
> Here's the setup:
>
> * Set the PWR knob full clockwise, basically full 100W output.
> * Mode can be USB or LSB, doesn't matter.
> * Rig should be connected to a dummy load, or an antenna with low SWR,
> or use the tuner. Best to do this on a band that's closed...you'll
> make some noise doing this.
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>
> Now, press the PTT...zero output power, as you would expect. Start
> advancing the MIC (gain) control and you will see the RF output power
> climb. You're transmitting broadband noise. On mine, I can get it up
> to about 70 watts shown on the front panel meter, at which point, it's
> a very wide noise, centered on the dial frequency.
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> processor turned on, and until I mention that I'm running processing,
> nobody notices.

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> Anyway, I'd be curious if someone else would try that test - PROC gain
> all the way down, turn on PROC and see if you get broad noise out of
> the rig as you advance the MIC control.
>
> In my case, I can hear it in the monitor, if I have that enabled.
>
> TNX & 73,
>
> Dave W8NF
>

5810. Re: [TS-850_450_690] Re: TS850 CPU type noise...SOLVED!!

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-04-04 13:52:49 UTC
From: Anthony W. DePrato
Topic: 5791 Message: 5810

i have misplaced it do a google for N8UX . that should take you to it. i know his cluster is N8UX.NO-IP.COM
73 Tony
QBE ZUT DE WA4JQS

ANTHONY W. (Tony) DePrato WA4JQS EXTRA - HEAVY
Since 1962
CQ DX HALL OF FAME # 35
A1-OP FISTS # 10573 SKCC #1227
South Sandwich Island Dxpedition Group
CALLS HELD:
WA4JQS/ZS1, WA4JQS/KC4, WA4JQS/4K1
ZD8JQS, V31SS,
VP8BZL, VP8SSI, 3Y0PI

[Non-text portions of this message have been removed]

5811. Looking for x59-3680-00 board.

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-04-04 11:49:46 UTC
From: lightsearch52
Topic: 5811 Message: 5811

Test indications point to the x59-3680-00 board in my 850 is bad. I am looking for a source. rfparts.com says unavailable.

K9DEH

5812. Re: Ran an experiment on the TS-850 processor, wonder if someone else could do s

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-04-04 17:51:04 UTC
From: Dave
Topic: 5796 Message: 5812

I get those results with the processor turned off...about 1/2 watt of noise output.

I've looked at mine on a spectrum analyzer...carrier power is about 10mW, 70dB below 100 watts, so that's well in spec. What I see on the spectrum analyzer is about a 2.7kHz wide noise pedestal, consistent with feeding white noise through an SSB transmit filter.

Was your test done with proc on or off?

I also did mine now on several bands...10 meters is the lowest power out in the test, about five watts. On 20 meters and below, I can clip the final amp.

It's a matter of curiosity only...having both knobs cranked up is not at all a recommended operating condition. For correct operation on mine with the supplied handheld microphone, I run the mic gain and proc knobs both at about 9 o'clock, and I have a rather quiet voice.

Dave W8NF

--- In TS-850_450_690@yahoogroups.com, "Clif" <clif@...> wrote:
>
> While I had an 850 on the bench this afternoon I ran the test you
> describe.
>
> I got less than 1/2w out with mike gain AND proc all the way up. Turn
> down either just a bit and nothing. Sounds like there is a problem
> with your carrier balance. This was with NOTHING connected to the mike
> jack.
>
> Clif
>
>
> --- In TS-850_450_690@yahoogroups.com, "Dave" <emailw8nf@> wrote:
> >
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> > speech processor in the TS-850.
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> > Here's the setup:
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> > make some noise doing this.
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> > Now, press the PTT...zero output power, as you would expect. Start
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> >
> > In my case, I can hear it in the monitor, if I have that enabled.
> >
> > TNX & 73,
> >
> > Dave W8NF
> >
>

5813. Re: [TS-850_450_690] Looking for x59-3680-00 board.

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-04-04 19:21:22 UTC
From: ve3wej gmail
Topic: 5811 Message: 5813

I think I missed something here...why do you say that....

VE3WEJ
Dave Garber
----- Original Message -----
From: lightsearch52
To: TS-850_450_690@yahoogroups.com
Sent: Wednesday, April 04, 2007 7:49 AM
Subject: [TS-850_450_690] Looking for x59-3680-00 board.

Test indications point to the x59-3680-00 board in my 850 is bad. I am looking for a source. rfparts.com says unavailable.

K9DEH

[Non-text portions of this message have been removed]

5814. Re: Looking for x59-3680-00 board.

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-04-05 00:25:26 UTC
From: Clif
Topic: 5811 Message: 5814

RF Parts sells transistors, etc but are not Kenwood parts distributors.

Try www.pacparts.com or www.kenwoodparts.com Those are the Kenwood parts distributors. PacParts shows them to be out of stock but not discontinued which means they are on order. Kenwoodparts show them and may have them in stock, give them a call. They don't indicate stock on the website. Put in an order and wait, it usually takes 2-3 weeks unless you timed it wrong and they just ran out which means it can take up to 6 weeks.

Pacparts is in Ca and Kenwood Parts (East Coast Transistor is on the other coast. Pick whichever...

Clif

--- In TS-850_450_690@yahoogroups.com, "lightsearch52" <lightsearch52@...> wrote:
>
> Test indications point to the x59-3680-00 board in my 850 is bad. I am
> looking for a source. rfparts.com says unavailable.
>
> K9DEH
>

5815. Re: Looking for x59-3680-00 board.

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-04-05 01:10:22 UTC
From: Dave
Topic: 5811 Message: 5815

--- In TS-850_450_690@yahoogroups.com, "lightsearch52"
<lightsearch52@...> wrote:
>
> Test indications point to the x59-3680-00 board in my 850 is bad. I am
> looking for a source. rfparts.com says unavailable.
>
> K9DEH
>

Doyle,

That appears to be the "TRX" module. If it's got a visible overheated transistor, you need to find the cause, or it will happen again.

The cause is a short-circuit on the TX8 line to ground somewhere. The most common short, is when capacitor C1 on the CAR board leaks. I mean, physically - the goo oozes out of it, etching away at the PC board underneath, causing a short circuit to ground. The CAR board is the one with the four large DDS chips on it, under a stack of shields on the left top of the radio.

I fixed mine by removing C1, scraping off the charred board, filling the resulting hole with epoxy, and soldering on a wire to replace the now-scraped-off trace.

You can find other hams' experiences doing the same repair with a simple Google search for the words C1 CAR TS-850SAT.

I got my new TRX board from PacParts...just place the order online with a credit card and all will be well.

Hope this is useful.

73,

Dave W8NF

5816. Re: [TS-850_450_690] Re: TS-850 Microphones

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-04-05 02:17:38 UTC
From: Steve Gehring
Topic: 5700 Message: 5816

Hey Mike,

I've run the following on my TS-850Sat for years with great success:

Shure 522 -- an outstanding wide frequency response mic with
unidirectional characteristics
Shure 444D -- an excellent mic with more omnidirectional characteristics
-- picks up more background noise with the processor on.

I'm finding 522s on eBay for excellent prices, and have picked up two
like new units for 5 to 20 bucks.

They will last a lifetime... and sound great!

Steve, NL7W

Mike wrote:
>
> --- In TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>, "bigfork04" <bigfork04@...>
> wrote:
> >
> > I just purchased a TS-850SAT and would like to purchase a desk mic for
> > it. Any suggestions on which ones are good to use with the 850.
> > Thanks for the input.
> >
> > KL1NJ
> >
> Yes, I just got the Kenwood MC-60 for mine. It works great!!!
> 73's KD4BNM Mike
>
>

--
No virus found in this outgoing message.
Checked by AVG Free Edition.
Version: 7.5.446 / Virus Database: 268.18.26/746 - Release Date: 4/4/2007 1:09 PM

5817. Re: TS850 CPU type noise...SOLVED!!

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-04-05 08:42:50 UTC
From: Barry
Topic: 5791 Message: 5817

--- In TS-850_450_690@yahoogroups.com, "Anthony W. DePrato"
<wa4jqs@...> wrote:
>
>
>
>
> i have misplaced it do a google for N8UX . that should take you to
it. i
> know his cluster is N8UX.NO-IP.COM
> 73 Tony
> QBE ZUT DE WA4JQS
>
> ANTHONY W. (Tony) DePrato WA4JQS EXTRA - HEAVY
> Since 1962
> CQ DX HALL OF FAME # 35
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> South Sandwich Island Dxpedition Group
> CALLS HELD:
> WA4JQS/ZS1, WA4JQS/KC4, WA4JQS/4K1
> ZD8JQS, V31SS,
> VP8BZL, VP8SSI, 3Y0PI
>
>
>
> [Non-text portions of this message have been removed]
>

I haven't been able to find anything on this at all. I found his page,
but there is nothing about the TS850 on it. I ordered the caps for the
carrier board and the RF board too, I'm going to replace all the 16
volt caps. It was a crazy thing to use them in the first place.

Thanks,

Barry

5818. Re: Looking for x59-3680-00 board (more info)

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-04-05 14:50:43 UTC
From: lightsearch52
Topic: 5811 Message: 5818

OK, I had no receive audio and performed test where jumper wire between pin 7 to pin 10 while in RX mode is used to see if audio returns and it did. I shall check the CAR board caps as well. Thank you all for the valuable information.

K9DEH

5819. Re: TS-850 Microphones

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-04-05 20:00:04 UTC
From: Dave
Topic: 5700 Message: 5819

Dumb questions about microphones...

I used a desk mic with my Drake B-line, and when I sold that and got the '850, I adapted it for the '850..impedance and level conversion. I get good audio reports from it.

However, I find I almost never use the desk mic, but instead, use the handheld mic or a headset/boom mic combination. I'm a tad short on desk space, and don't care to have the desk mic taking up a lot of space, also I found when using the desk mic, I most often picked it up and held it. I guess when speaking into a microphone, I'm not keen on being glued to sitting in one spot. I find the headset/boom microphone to be the handiest, and that's what I use most often. I just use a $2 PC-style headset/boom mic, to which I added a 9V battery, coupling cap and two bias resistors, since the mic needs DC to power it. I get "great audio" reports with that microphone as well.

If you're using a desk mic, do you leave it sitting on the desk, or do you find yourself holding it in your hand a lot anyway?

Dave W8NF

--- In TS-850_450_690@yahoogroups.com, Steve Gehring <steveg@...> wrote:
>
> Hey Mike,
>
> I've run the following on my TS-850Sat for years with great success:
>
> Shure 522 -- an outstanding wide frequency response mic with
> unidirectional characteristics
> Shure 444D -- an excellent mic with more omnidirectional
characteristics
> -- picks up more background noise with the processor on.
>
> I'm finding 522s on eBay for excellent prices, and have picked up two
> like new units for 5 to 20 bucks.
>
> They will last a lifetime... and sound great!
>
> Steve, NL7W
>
>
>
> Mike wrote:
> >
> > --- In TS-850_450_690@yahoogroups.com

> > <mailto:TS-850_450_690%40yahoogroups.com>, "bigfork04" <bigfork04@>
> > wrote:
> > >
> > > I just purchased a TS-850SAT and would like to purchase a desk
mic for
> > > it. Any suggestions on which ones are good to use with the 850.
> > > Thanks for the input.
> > >
> > > KL1NJ
> > >
> > Yes, I just got the Kenwood MC-60 for mine. It works great!!!
> > 73's KD4BNM Mike
> >
> >
>
>
>
>
> --
> No virus found in this outgoing message.
> Checked by AVG Free Edition.
> Version: 7.5.446 / Virus Database: 268.18.26/746 - Release Date:
4/4/2007 1:09 PM
>

5820. TS850 transmit

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-04-06 16:50:41 UTC
From: mdmalley
Topic: 5820 Message: 5820

my TS850 intermittently drops output to about 50 watts and the swr increases drastically. the problem is not the antenna or AT.At times the output stays ok and smr is normal,then suddenly the problem ocurrs.Is it likely a failing final transiter??thanks for any suggestions and where is a good place to send it for repair. MIKE

5821. Control my TS-450SAT transmitter from Amateur Contact Log ?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-04-06 20:02:45 UTC
From: ve9xyz
Topic: 5821 Message: 5821

I've been using Amateur Contact Log 3.0 and am really impressed. I am using the MAX232 based interface for my Kenwood TS-450 (see plans in the Files section)

One feature that I've been reading about sounds very impressive - using my station PC's function keys to key my HF transceiver & broadcast a pre-recorded station ID or contest call. Would save me a lot of voice (I was about to build my own hardware solution to do this!)

So I read up "Phone Wav Selections" but am not sure about what is meant in the set-up screen to get my transmitter to key. Do I interface a simple relay that look for a logic state on the serial port's DTR or RTS pins, or is this done with a serial command that the Kenwood must interpret? Maybe there's a pin in the parallel printer port I'm supposed to steal?

I've been experimenting with Ham Radio Deluxe and its embeded PSK31 application and it seems to be able to key the TS-450 just fine but I'm not sure how that is actually keying up the transmitter, but its definitely doing so thru the CAT interface I built.

Perhaps somebody who has some experience with this can offer some advice or detailed instruction?

Sorry if this has already been answered, but I couldn't find some help in my web searches.

73 and Happy Easter,

Kevin VE9-XYZ

5822. Re: TS-450SAT CAT Interface.

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-04-06 20:12:22 UTC
From: ve9xyz
Topic: 5786 Message: 5822

Terry I built my own interface just last year and published the plans for that little project in the files section of this group.

I use Ham Radio Deluxe, Amateur Contact Log, and Kenwood Smart Memory Manager with my TS-450SAT and have had excellent results. Sure makes the hobby easy to work with.

I see that you bought an interface, and it's on its way. Drop a message if you'd like any further help. QRZ.com has my coordinates.

Kevin VE9-XYZ

and --- In TS-850_450_690@yahoogroups.com, "dxspotter" <dxspotter@...> wrote:
>
> Hello.
> As a totally new owner and user of the TS-450 SAT transceiver and
> member of this group may I ask what is no doubt a simple and very basic
> question please.
>
> I would like to put my TS-450 under computer control,however I am not sure
> that the radio will support computer control without adding additional
> components !! My radio does have a 6 pin din plug on the side of the radio
> which is meant for the CAT interface !!.
>
> The interface I am interested in is made here in the UK by Neil G4ZLP his
> web site is www.g4zlp.co.uk clicking on the Kenwood cat link will take
> persons to the appropriate page on the site - clicking on the more info link
> then gives more information on additional components for the various Kenwood
> radios that needs additional components fitting !! The TS-450 is not listed
> in the list !! However to be sure I would be ok before ordering the
> interface I mailed Neil direct to ask re the additional components I
> received a reply back a short while saying he was not sure if the radio
> needed the additional components hence the reason for this mail.
>

> The handbook / manual does refer to computer control but does not
give any
> set up advice e.g. Baud rate / parity etc.
>
> The serial number of my radio is 40700039.
>
> Any advice will be more than welcome.
>
> Thank You in Advance.
>
> 73s.
>
> Terry.
>
>
>
>
> [Non-text portions of this message have been removed]
>

5823. Re: TS850 transmit

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-04-06 20:27:31 UTC
From: Clif
Topic: 5820 Message: 5823

Most likely it's the -6v DC/DC converter board (X59-1100-00). Notes on it are in the files section under 850 Notes. It's a long letter and it's about halfway down. It's not a hard fix if you want to do it yourself...

Clif

-- In TS-850_450_690@yahoogroups.com, "mdmalley" <mdmalley@...> wrote:
>
> my TS850 intermittently drops output to about 50 watts and the swr
> increases drastically. the problem is not the antenna or AT.At times
> the output stays ok and smr is normal,then suddenly the problem
> ocurrs.Is it likely a failing final transiter??thanks for any
> suggestions and where is a good place to send it for repair. MIKE
>

5824. Re: [TS-850_450_690] Re: TS850 transmit

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-04-06 21:23:35 UTC
From: crownhaven
Topic: 5820 Message: 5824

I would highly recommend Clif at Avvid Electronics if you don't want to fix it yourself. He has worked on two of my radios. I can't say enough good things about him. Competent, good comms and reasonable prices. Plus, VERY good reputation of many years.

Steve, N4JQQ

Clif wrote:

> Most likely it's the -6v DC/DC converter board (X59-1100-00). Notes on
> it are in the files section under 850 Notes. It's a long letter and
> it's about halfway down. It's not a hard fix if you want to do it
> yourself...
>
> Clif
>
> -- In TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>, "mdmalley" <mdmalley@...>
> wrote:
> >
> > my TS850 intermittently drops output to about 50 watts and the swr
> > increases drastically. the problem is not the antenna or AT.At times
> > the output stays ok and smr is normal,then suddenly the problem
> > ocurrs.Is it likely a failing final transiter??thanks for any
> > suggestions and where is a good place to send it for repair. MIKE
> >
>
>

5825. Re: [TS-850_450_690] Control my TS-450SAT transmitter from Amateur Contact Log ?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-04-06 21:44:47 UTC
From: Tom Osborne
Topic: 5821 Message: 5825

Hi Kevin

Goto N1MM Logger page. All that you ask for is in that program. It's a great contesting and logging program. It has the built-in DVK operation. You can program up to 24 canned messages.

I use it with my TS-450SAT. 73
Tom W7WHY

> I've been using Amateur Contact Log 3.0 and am really impressed. I
> am using the MAX232 based interface for my Kenwood TS-450 (see plans
> in the Files section)
>
> One feature that I've been reading about sounds very impressive -
> using my station PC's function keys to key my HF transceiver &
> broadcast a pre-recorded station ID or contest call. Would save me a
> lot of voice (I was about to build my own hardware solution to do
> this!)
>
> So I read up "Phone Wav Selections" but am not sure about what is
> meant in the set-up screen to get my transmitter to key. Do I
> interface a simple relay that look for a logic state on the serial
> port's DTR or RTS pins, or is this done with a serial command that
> the Kenwood must interpret? Maybe there's a pin in the parallel
> printer port I'm supposed to steal?
>
> I've been experimenting with Ham Radio Deluxe and its embeded PSK31
> application and it seems to be able to key the TS-450 just fine but
> I'm not sure how that is actually keying up the transmitter, but its
> definitely doing so thru the CAT interface I built.
>
> Perhaps somebody who has some experience with this can offer some
> advice or detailed instruction?
>
> Sorry if this has already been answered, but I couldn't find some
> help in my web searches.
>
> 73 and Happy Easter,
>
> Kevin VE9-XYZ
>
>
>
> THANKS FOR USING TS-850_450_690@...

> Yahoo! Groups Links
>
>
>
>

5826. Re: TS850 transmit

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-04-06 21:30:35 UTC
From: bigfork04
Topic: 5820 Message: 5826

--- In TS-850_450_690@yahoogroups.com, "mdmalley" <mdmalley@...> wrote:
>
> my TS850 intermittently drops output to about 50 watts and the swr
> increases drastically. the problem is not the antenna or AT.At times
> the output stays ok and smr is normal,then suddenly the problem
> ocurrs.Is it likely a failing final transiter??thanks for any
> suggestions and where is a good place to send it for repair. MIKE
>
This sound exactly like the DC/DC board or the X59-1100-00. Mine 850
has been repaired for this same problem. I keep two extra board on
hand.

5827. Re: [TS-850_450_690] Control my TS-450SAT transmitter from Amateur Contact Log ?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-04-07 01:15:58 UTC
From: ve3wej gmail
Topic: 5821 Message: 5827

i would ask the people at ac log website

VE3WEJ
Dave Garber
----- Original Message -----
From: Tom Osborne
To: TS-850_450_690@yahoogroups.com
Sent: Friday, April 06, 2007 5:44 PM
Subject: Re: [TS-850_450_690] Control my TS-450SAT transmitter from Amateur Contact Log ?

Hi Kevin

Goto N1MM Logger page. All that you ask for is in that program. It's a
great contesting and logging program. It has the built-in DVK operation.
You can program up to 24 canned messages.

I use it with my TS-450SAT. 73
Tom W7WHY

> I've been using Amateur Contact Log 3.0 and am really impressed. I
> am using the MAX232 based interface for my Kenwood TS-450 (see plans
> in the Files section)
>
> One feature that I've been reading about sounds very impressive -
> using my station PC's function keys to key my HF transceiver &
> broadcast a pre-recorded station ID or contest call. Would save me a
> lot of voice (I was about to build my own hardware solution to do
> this!)
>
> So I read up "Phone Wav Selections" but am not sure about what is
> meant in the set-up screen to get my transmitter to key. Do I
> interface a simple relay that look for a logic state on the serial
> port's DTR or RTS pins, or is this done with a serial command that
> the Kenwood must interpret? Maybe there's a pin in the parallel
> printer port I'm supposed to steal?
>
> I've been experimenting with Ham Radio Deluxe and its embeded PSK31
> application and it seems to be able to key the TS-450 just fine but
> I'm not sure how that is actually keying up the transmitter, but its
> definitely doing so thru the CAT interface I built.
>
> Perhaps somebody who has some experience with this can offer some
> advice or detailed instruction?
>
> Sorry if this has already been answered, but I couldn't find some

> help in my web searches.
>
> 73 and Happy Easter,
>
> Kevin VE9-XYZ
>
>
>
> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
>
>
>
>

[Non-text portions of this message have been removed]

5828. TS-850 Repair new link.

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-04-07 16:49:26 UTC
From: bigfork04
Topic: 5828 Message: 5828

Posted a new link for information on TS-850 repair problem.
Posted under the Links section and it is called "TS-850 Repairs"

5829. Re: [TS-850_450_690] TS-850 Repair new link.

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-04-07 18:08:43 UTC
From: ve3wej gmail
Topic: 5828 Message: 5829

any way to get bad links removed from the site???

VE3WEJ
Dave Garber
----- Original Message -----
From: bigfork04
To: TS-850_450_690@yahoogroups.com
Sent: Saturday, April 07, 2007 12:49 PM
Subject: [TS-850_450_690] TS-850 Repair new link.

Posted a new link for information on TS-850 repair problem.
Posted under the Links section and it is called "TS-850 Repairs"

[Non-text portions of this message have been removed]

5830. Re: TS-850 Repair new link.

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-04-07 23:16:37 UTC
From: Clif
Topic: 5828 Message: 5830

Yes, which one???

Clif

--- In TS-850_450_690@yahoogroups.com, "ve3wej gmail" <ve3wej@...> wrote:
>
> any way to get bad links removed from the site???
>
>
> VE3WEJ
> Dave Garber
> ----- Original Message -----
> From: bigfork04
> To: TS-850_450_690@yahoogroups.com
> Sent: Saturday, April 07, 2007 12:49 PM
> Subject: [TS-850_450_690] TS-850 Repair new link.
>
>
> Posted a new link for information on TS-850 repair problem.
> Posted under the Links section and it is called "TS-850 Repairs"
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

5831. Re: TS-850 Repair new link.

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-04-08 03:32:24 UTC
From: bigfork04
Topic: 5828 Message: 5831

-- In TS-850_450_690@yahoogroups.com, "Clif" <clif@...> wrote:
>
> Yes, which one???
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "ve3wej gmail" <ve3wej@> wrote:
> >
> > any way to get bad links removed from the site???
> >
> >
> > VE3WEJ
> > Dave Garber
> > ----- Original Message -----
> > From: bigfork04
> > To: TS-850_450_690@yahoogroups.com
> > Sent: Saturday, April 07, 2007 12:49 PM
> > Subject: [TS-850_450_690] TS-850 Repair new link.
> >
> >
> > Posted a new link for information on TS-850 repair problem.
> > Posted under the Links section and it is called "TS-850 Repairs"
> >
> >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>
If you are indicating that my post was inappropriate or bad in any way
I apologize and will remove it if asked or the moderator can do it.
KL1NJ Jim

5832. Re: [TS-850_450_690] Re: TS-850 Repair new link.

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-04-08 03:41:24 UTC
From: ve3wej gmail
Topic: 5828 Message: 5832

If I have to I will find them again, and list them...I found them after I saw the email about the link update
here is one
http://www.ssb-audio.com/ka0ka/

VE3WEJ
Dave Garber
----- Original Message -----
From: bigfork04
To: TS-850_450_690@yahoogroups.com
Sent: Saturday, April 07, 2007 11:32 PM
Subject: [TS-850_450_690] Re: TS-850 Repair new link.

-- In TS-850_450_690@yahoogroups.com, "Clif" <clif@...> wrote:
>
> Yes, which one???
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "ve3wej gmail" <ve3wej@> wrote:
> >
> > any way to get bad links removed from the site???
> >
> >
> > VE3WEJ
> > Dave Garber
> > ----- Original Message -----
> > From: bigfork04
> > To: TS-850_450_690@yahoogroups.com
> > Sent: Saturday, April 07, 2007 12:49 PM
> > Subject: [TS-850_450_690] TS-850 Repair new link.
> >
> >
> > Posted a new link for information on TS-850 repair problem.
> > Posted under the Links section and it is called "TS-850 Repairs"
> >
> >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>
If you are indicating that my post was inappropriate or bad in any way
I apologize and will remove it if asked or the moderator can do it.

KL1NJ Jim

[Non-text portions of this message have been removed]

5833. Re: [TS-850_450_690] Re: TS-850 Repair new link.

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-04-08 03:43:37 UTC
From: ve3wej gmail
Topic: 5828 Message: 5833

here is another
ftp://193.233.9.196/pub/hamradio/schemes/kenwood/

VE3WEJ
Dave Garber
----- Original Message -----
From: bigfork04
To: TS-850_450_690@yahoogroups.com
Sent: Saturday, April 07, 2007 11:32 PM
Subject: [TS-850_450_690] Re: TS-850 Repair new link.

-- In TS-850_450_690@yahoogroups.com, "Clif" <clif@...> wrote:
>
> Yes, which one???
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "ve3wej gmail" <ve3wej@> wrote:
> >
> > any way to get bad links removed from the site???
> >
> >
> > VE3WEJ
> > Dave Garber
> > ----- Original Message -----
> > From: bigfork04
> > To: TS-850_450_690@yahoogroups.com
> > Sent: Saturday, April 07, 2007 12:49 PM
> > Subject: [TS-850_450_690] TS-850 Repair new link.
> >
> >
> > Posted a new link for information on TS-850 repair problem.
> > Posted under the Links section and it is called "TS-850 Repairs"
> >
> >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>
If you are indicating that my post was inappropriate or bad in any way
I apologize and will remove it if asked or the moderator can do it.
KL1NJ Jim

[Non-text portions of this message have been removed]

5834. Re: TS-850 Repair new link.

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-04-08 03:53:05 UTC
From: Clif
Topic: 5828 Message: 5834

I guess I'm a little slow tonite. Neither of those is listed under the
"LINKS" folder that I get from Yahoo. Where are you finding them? BTW
the KA0KA link is good and relevant, where ever you found it.

Clif

--- In TS-850_450_690@yahoogroups.com, "ve3wej gmail" <ve3wej@...> wrote:
>
> here is another
> ftp://193.233.9.196/pub/hamradio/schemes/kenwood/
>
> VE3WEJ
> Dave Garber
> ----- Original Message -----
> From: bigfork04
> To: TS-850_450_690@yahoogroups.com
> Sent: Saturday, April 07, 2007 11:32 PM
> Subject: [TS-850_450_690] Re: TS-850 Repair new link.
>
>
> -- In TS-850_450_690@yahoogroups.com, "Clif" <clif@> wrote:
> >
> > Yes, which one???
> >
> > Clif
> >
> > --- In TS-850_450_690@yahoogroups.com, "ve3wej gmail" <ve3wej@>
wrote:
> > >
> > > any way to get bad links removed from the site???
> > >
> > >
> > > VE3WEJ
> > > Dave Garber
> > > ----- Original Message -----
> > > From: bigfork04
> > > To: TS-850_450_690@yahoogroups.com
> > > Sent: Saturday, April 07, 2007 12:49 PM
> > > Subject: [TS-850_450_690] TS-850 Repair new link.
> > >
> > >
> > > Posted a new link for information on TS-850 repair problem.
> > > Posted under the Links section and it is called "TS-850 Repairs"
> > >
> > >

> > >
> > >
> > >
> > > [Non-text portions of this message have been removed]
> > >
> >
> If you are indicating that my post was inappropriate or bad in any
way
> I apologize and will remove it if asked or the moderator can do it.
> KL1NJ Jim
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

5835. Re: [TS-850_450_690] Re: TS-850 Repair new link.

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-04-08 04:16:36 UTC
From: ve3wej gmail
Topic: 5828 Message: 5835

those are the urls, not the name of the link...hold your mouse over the links to see those urls...

I will find a better way tomorrow

VE3WEJ
Dave Garber
----- Original Message -----
From: Clif
To: TS-850_450_690@yahoogroups.com
Sent: Saturday, April 07, 2007 11:53 PM
Subject: [TS-850_450_690] Re: TS-850 Repair new link.

I guess I'm a little slow tonite. Neither of those is listed under the
"LINKS" folder that I get from Yahoo. Where are you finding them? BTW
the KA0KA link is good and relevant, where ever you found it.

Clif

--- In TS-850_450_690@yahoogroups.com, "ve3wej gmail" <ve3wej@...> wrote:
>
> here is another
> ftp://193.233.9.196/pub/hamradio/schemes/kenwood/
>
> VE3WEJ
> Dave Garber
> ----- Original Message -----
> From: bigfork04
> To: TS-850_450_690@yahoogroups.com
> Sent: Saturday, April 07, 2007 11:32 PM
> Subject: [TS-850_450_690] Re: TS-850 Repair new link.
>
>
> -- In TS-850_450_690@yahoogroups.com, "Clif" <clif@> wrote:
> >
> > Yes, which one???
> >
> > Clif
> >
> > --- In TS-850_450_690@yahoogroups.com, "ve3wej gmail" <ve3wej@>
wrote:
> > >
> > > any way to get bad links removed from the site???
> > >
> > >
> > > VE3WEJ

> > > Dave Garber
> > > ----- Original Message -----
> > > From: bigfork04
> > > To: TS-850_450_690@yahoogroups.com
> > > Sent: Saturday, April 07, 2007 12:49 PM
> > > Subject: [TS-850_450_690] TS-850 Repair new link.
> > >
> > >
> > > Posted a new link for information on TS-850 repair problem.
> > > Posted under the Links section and it is called "TS-850 Repairs"
> > >
> > >
> > >
> > >
> > >
> > > [Non-text portions of this message have been removed]
> > >
> >
> If you are indicating that my post was inappropriate or bad in any
way
> I apologize and will remove it if asked or the moderator can do it.
> KL1NJ Jim
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

5836. Further Problems Found

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-04-08 18:44:01 UTC
From: Marty Bluhm
Topic: 5836 Message: 5836

In addition to the other key problems, I found my fm/am does not work at all. Pressing this button give me the quick memo feature with channel 1 displayed.

Something tells me that this is bad new.

73
Marty
W8AKS

5837. Front Panel Controls Hosed

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-04-08 18:34:37 UTC
From: Marty Bluhm
Topic: 5837 Message: 5837

Happy Easter All!

Well, I've got a strange one that has just started happening.
When I try to enter a freq on the keypad, it reverts to the previous freq.
For example:

Freq 21125
Ent
14087.00, it reverts back to 21125.

If I try to enter 15000.00, it reverts back to 12.(blank)

if I try to enter 16000.00, it reverts to 13000.00 and goes into the scan mode.

I've done a master reset (rx-a down while turning on the radio, with no success.

If I right click on a 14khz freq off the cluster, it goes right to it. If I try and enter another 14khz freq on the keypad, it reverts back to freq taken from the cluster i.e. 14.268.70, try to enter 14.087.00 from the keypad, you can enter the first two digits and it reverts back to 14.268.70.

The problem seems to be in the row containing the 4,5 and 6 with the rec-1, rec-2 and rec-3. I can enter freqs via the keypad with numbers in the first and last row (1,2,3 and 7,8,9)

Also, if I go to VFO B receivemy 1mh icon comes on and doesnt not change in the 1mhz range, if I go to vfo b tx the flock comes on and locks the display.

Anybody else experience this. Hopefully, there is a switch or something that can be reset.

Thanks and HELP!!! Just got the radio in Dec for Christmas.
73
Marty
W8AKS

5838. TS-850 lost RX?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-04-09 13:40:04 UTC
From: Mike
Topic: 5838 Message: 5838

Turned the TS-850 on this morning and started listening around the bands. Was listening to a some weak stations on 75m when the RX quit. I checked and I have 100% TX but no RX on any band. Turned rig off and let it sit for a minute then turned back on and had RX for about 5 minutes then lost RX again. Now it stays off.I noticed the "On Air" light is barely lit but both the radio meter and the meter in my tuner show no power out. Un hooked the mic. but that made no difference. Any ideas ?? I switched to the FT-990 back up rig and already miss the 850 :-(. 73 , Mike

5839. Re: Front Panel Controls Hosed

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-04-09 11:56:16 UTC
From: rickyknx
Topic: 5837 Message: 5839

Do you hit the enter button first? To change freqs you must hit the enter button first, then key in the desired freq, then hit enter again. That works for me.

Rick
N5SRG

--- In TS-850_450_690@yahoogroups.com, "Marty Bluhm" <w8aks@...> wrote:
>
> Happy Easter All!
>
> Well, I've got a strange one that has just started happening.
> When I try to enter a freq on the keypad, it reverts to the previous freq.
> For example:
>
> Freq 21125
> Ent
> 14087.00, it reverts back to 21125.
>
> If I try to enter 15000.00, it reverts back to 12.(blank)
>
> if I try to enter 16000.00, it reverts to 13000.00 and goes into the scan
> mode.
>
> I've done a master reset (rx-a down while turning on the radio, with no
> success.
>
> If I right click on a 14khz freq off the cluster, it goes right to it. If I
> try and enter another 14khz freq on the keypad, it reverts back to freq
> taken from the cluster i.e. 14.268.70, try to enter 14.087.00 from the
> keypad, you can enter the first two digits and it reverts back to 14.268.70.
>
> The problem seems to be in the row containing the 4,5 and 6 with the rec-1,
> rec-2 and rec-3. I can enter freqs via the keypad with numbers in the first
> and last row (1,2,3 and 7,8,9)

>
> Also, if I go to VFO B receivemy 1mh icon comes on and doesnt not
change in
> the 1mhz range, if I go to vfo b tx the flock comes on and locks the
> display.
>
> Anybody else experience this. Hopefully, there is a switch or
something
> that can be reset.
>
> Thanks and HELP!!! Just got the radio in Dec for Christmas.
> 73
> Marty
> W8AKS
>

5840. Re: [TS-850_450_690] Re: Front Panel Controls Hosed

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-04-09 14:13:55 UTC
From: Zack Widup
Topic: 5837 Message: 5840

Which rig are you talkking about? On the TS-850S, you push "Enter", then push the digits of your frequency and when you've entered enough digits it goes to that frequency (if it's working right). I've never had to push "Enter" again after I started entering the numbers. If you want to go to a lower frequency, such as 500 kHz, you have to push "0050000" to get there.

73, Zack W9SZ

On Mon, 9 Apr 2007, rickyknx wrote:

> Do you hit the enter button first? To change freqs you must hit the
> enter button first, then key in the desired freq, then hit enter
> again. That works for me.
>
> Rick
> N5SRG
>
> --- In TS-850_450_690@yahoogroups.com, "Marty Bluhm" <w8aks@...>
> wrote:
> >
> > Happy Easter All!
> >
> > Well, I've got a strange one that has just started happening.
> > When I try to enter a freq on the keypad, it reverts to the
> previous freq.
> > For example:
> >
> > Freq 21125
> > Ent
> > 14087.00, it reverts back to 21125.
> >
> > If I try to enter 15000.00, it reverts back to 12.(blank)
> >
> > if I try to enter 16000.00, it reverts to 13000.00 and goes into
> the scan
> > mode.
> >
> > I've done a master reset (rx-a down while turning on the radio,
> with no
> > success.
> >
> > If I right click on a 14khz freq off the cluster, it goes right to
> it. If I
> > try and enter another 14khz freq on the keypad, it reverts back to
> freq

> > taken from the cluster i.e. 14.268.70, try to enter 14.087.00 from
> the
> > keypad, you can enter the first two digits and it reverts back to
> 14.268.70.
> >
> > The problem seems to be in the row containing the 4,5 and 6 with
> the rec-1,
> > rec-2 and rec-3. I can enter freqs via the keypad with numbers in
> the first
> > and last row (1,2,3 and 7,8,9)
> >
> > Also, if I go to VFO B receivemy 1mh icon comes on and doesnt not
> change in
> > the 1mhz range, if I go to vfo b tx the flock comes on and locks the
> > display.
> >
> > Anybody else experience this. Hopefully, there is a switch or
> something
> > that can be reset.
> >
> > Thanks and HELP!!! Just got the radio in Dec for Christmas.
> > 73
> > Marty
> > W8AKS
> >
>
>
>

5841. RE: [TS-850_450_690] Re: Front Panel Controls Hosed

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-04-09 14:14:01 UTC
From: Marty Bluhm
Topic: 5837 Message: 5841

Yes, I've used this feature before. Also this is not the only thing wrong.
73
Marty

-----Original Message-----
From: TS-850_450_690@yahoogroups.com
[mailto:TS-850_450_690@yahoogroups.com]On Behalf Of rickyknx
Sent: Monday, April 09, 2007 11:56
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] Re: Front Panel Controls Hosed

Do you hit the enter button first? To change freqs you must hit the
enter button first, then key in the desired freq, then hit enter
again. That works for me.

Rick
N5SRG

--- In TS-850_450_690@yahoogroups.com, "Marty Bluhm" <w8aks@...>
wrote:
>
> Happy Easter All!
>
> Well, I've got a strange one that has just started happening.
> When I try to enter a freq on the keypad, it reverts to the
previous freq.
> For example:
>
> Freq 21125
> Ent
> 14087.00, it reverts back to 21125.
>
> If I try to enter 15000.00, it reverts back to 12.(blank)
>
> if I try to enter 16000.00, it reverts to 13000.00 and goes into
the scan
> mode.
>
> I've done a master reset (rx-a down while turning on the radio,
with no
> success.
>
> If I right click on a 14khz freq off the cluster, it goes right to
it. If I
> try and enter another 14khz freq on the keypad, it reverts back to
freq

> taken from the cluster i.e. 14.268.70, try to enter 14.087.00 from
the
> keypad, you can enter the first two digits and it reverts back to
14.268.70.
>
> The problem seems to be in the row containing the 4,5 and 6 with
the rec-1,
> rec-2 and rec-3. I can enter freqs via the keypad with numbers in
the first
> and last row (1,2,3 and 7,8,9)
>
> Also, if I go to VFO B receivemy 1mh icon comes on and doesnt not
change in
> the 1mhz range, if I go to vfo b tx the flock comes on and locks the
> display.
>
> Anybody else experience this. Hopefully, there is a switch or
something
> that can be reset.
>
> Thanks and HELP!!! Just got the radio in Dec for Christmas.
> 73
> Marty
> W8AKS
>

[Non-text portions of this message have been removed]

5842. Re: TS-850 lost RX?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-04-09 18:26:54 UTC
From: Clif
Topic: 5838 Message: 5842

It could be D31 or Q15 depends. Do you have any noise at all out the speaker?? If not D31.

Remove the bottom cover. With the radio upside down and VFO towards you the RF unit is on the left. Midway back on the right side of the RF unit are some marked test points. Locate the one marked RXB and measure the voltage on it. It should about 8v. If it is 1-2v then D31 is bad. Ths is most likely with the dim TX light. In the photos I have posted a picture of where it is (bottom of the RF unit). Replace it with a MI204, not the SM diode.

Clif

--- In TS-850_450_690@yahoogroups.com, "Mike" <mypc800@...> wrote:
>
> Turned the TS-850 on this morning and started listening around the
> bands. Was listening to a some weak stations on 75m when the RX quit. I
> checked and I have 100% TX but no RX on any band. Turned rig off and
> let it sit for a minute then turned back on and had RX for about 5
> minutes then lost RX again. Now it stays off.I noticed the "On Air"
> light is barely lit but both the radio meter and the meter in my tuner
> show no power out. Un hooked the mic. but that made no difference. Any
> ideas ?? I switched to the FT-990 back up rig and already miss the
> 850 :-(. 73 , Mike
>

5843. TS850S Problems (For Clif)

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-04-09 21:07:08 UTC
From: Marty Bluhm
Topic: 5843 Message: 5843

Clif,
I've followed your posted messages since I joined the group and found them very interesting and informative.

Have you read my two messages concerning my 850S keypad, fm/am, vfo b and 1mh and flock going south?

Do you have any ideas on the cause and what it will take o fix it?

If you want to reply off-line, my email is w8aks@...

Thanks and 73
Marty
W8AKS

5844. Re: TS850S Problems (For Clif)

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-04-10 02:06:31 UTC
From: Clif
Topic: 5843 Message: 5844

I don't have any definitive ideas. Were I to guess I would start by looking at the battery. If it has leaked and damaged traces all bets are off as to what the radio will do. There are several data lines that run under the battery which usually cause the problems.

The keypad itself is a simple matrix with very little to go wrong, push this button and it shorts these 2 lines type of deal.

Clif

--- In TS-850_450_690@yahoogroups.com, "Marty Bluhm" <w8aks@...> wrote:
>
> Clif,
> I've followed your posted messages since I joined the group and found them
> very interesting and informative.
>
> Have you read my two messages concerning my 850S keypad, fm/am, vfo b and
> 1mh and flock going south?
>
> Do you have any ideas on the cause and what it will take o fix it?
>
> If you want to reply off-line, my email is w8aks@...
>
> Thanks and 73
> Marty
> W8AKS
>

5845. Re: TS-850 lost RX?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-04-10 13:03:33 UTC
From: Mike
Topic: 5838 Message: 5845

Thanks Clif. I will try to check it out in the next couple of days.
73 , Mike
>
>
>
>
>
>--- In TS-850_450_690@yahoogroups.com, "Clif" <clif@...> wrote:
>
> It could be D31 or Q15 depends. Do you have any noise at all out the
> speaker?? If not D31.
>
> Remove the bottom cover. With the radio upside down and VFO towards
> you the RF unit is on the left. Midway back on the right side of the
> RF unit are some marked test points. Locate the one marked RXB and
> measure the voltage on it. It should about 8v. If it is 1-2v then
D31
> is bad. Ths is most likely with the dim TX light. In the photos I
have
> posted a picture of where it is (bottom of the RF unit). Replace it
> with a MI204, not the SM diode.
>
> Clif

5846. Re: Looking for x59-3680-00 board.

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-04-10 13:32:45 UTC
From: k8isk
Topic: 5811 Message: 5846

Actually, I just ordered two from East Coast Parts, they were the only ones that had them in stock.

Terry - K8ISK

5847. TS-850SAT

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-04-10 22:57:22 UTC
From: ei3gsb
Topic: 1009 Message: 5847

Hi,

I'm looking at buying an 850SAT. I spoke to the owner who told me that the measured power output was 145 Watts on a dummy load. I thought the radio was rated up to 100 Watts. I suppose it's possible that running 145 watts may cause problems, has anyone else on this group encountered any problems with 850 at these power levels??

Thanks for any info!

Andrew

5848. Re: [TS-850_450_690] TS-850SAT

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-04-11 00:04:07 UTC
From: Brian K. Gaskamp
Topic: 1009 Message: 5848

Mine won't do 145 watts...
All I get is 100.

Brian
KA5BKG

----- Original Message -----
From: ei3gsb
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, April 10, 2007 5:57 PM
Subject: [TS-850_450_690] TS-850SAT

Hi,

I'm looking at buying an 850SAT. I spoke to the owner who told me that the measured power output was 145 Watts on a dummy load. I thought the radio was rated up to 100 Watts. I suppose it's possible that running 145 watts may cause problems, has anyone else on this group encountered any problems with 850 at these power levels??

Thanks for any info!

Andrew

[Non-text portions of this message have been removed]

5849. Re: [TS-850_450_690] TS-850SAT

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-04-11 00:30:08 UTC
From: ve3wej gmail
Topic: 1009 Message: 5849

I would question his watt meter!!!!

VE3WEJ
Dave Garber
----- Original Message -----
From: Brian K. Gaskamp
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, April 10, 2007 8:04 PM
Subject: Re: [TS-850_450_690] TS-850SAT

Mine won't do 145 watts...
All I get is 100.

Brian
KA5BKG

----- Original Message -----
From: ei3gsb
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, April 10, 2007 5:57 PM
Subject: [TS-850_450_690] TS-850SAT

Hi,

I'm looking at buying an 850SAT. I spoke to the owner who told me that
the measured power output was 145 Watts on a dummy load. I thought the
radio was rated up to 100 Watts. I suppose it's possible that running
145 watts may cause problems, has anyone else on this group
encountered any problems with 850 at these power levels??

Thanks for any info!

Andrew

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

5850. Re: TS-850SAT

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-04-11 04:14:16 UTC
From: sp600jx21
Topic: 1009 Message: 5850

I don't have the info in front of me, but actually you can adjust VR whatever on whatever board and it will easily do 145+ watts, done it. Probably ALC but I don't recall. Why anyone would run a rig that hard escapes me but I was just playing...No junk meter either... I wouldn't advise you to run your '850 that hard but it will handle it most of the time.

-- In TS-850_450_690@yahoogroups.com, "ve3wej gmail" <ve3wej@...> wrote:
>
> I would question his watt meter!!!!
>
>
> VE3WEJ
> Dave Garber
> ----- Original Message -----
> From: Brian K. Gaskamp
> To: TS-850_450_690@yahoogroups.com
> Sent: Tuesday, April 10, 2007 8:04 PM
> Subject: Re: [TS-850_450_690] TS-850SAT
>
>
> Mine won't do 145 watts...
> All I get is 100.
>
> Brian
> KA5BKG
>
> ----- Original Message -----
> From: ei3gsb
> To: TS-850_450_690@yahoogroups.com
> Sent: Tuesday, April 10, 2007 5:57 PM
> Subject: [TS-850_450_690] TS-850SAT
>
> Hi,
>
> I'm looking at buying an 850SAT. I spoke to the owner who told me that
> the measured power output was 145 Watts on a dummy load. I thought the
> radio was rated up to 100 Watts. I suppose it's possible that running
> 145 watts may cause problems, has anyone else on this group
> encountered any problems with 850 at these power levels??
>
> Thanks for any info!
>
> Andrew
>

> [Non-text portions of this message have been removed]
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

5851. Re: TS-850SAT

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-04-11 12:19:22 UTC
From: Janez Celarc
Topic: 1009 Message: 5851

Hi, when I buy mine TS-850 the power was around 95W
on all bands. I was adjust output power to 120W.
It was meassuerd with the Bird wattmeter. Yes,
the power could go even higher, but I think that
more than 120W is just to much for the output stage.
If you need more buy an amplifier. If the seller's
850 is in good shape and if still deliver the power,
buy it and decrease the trimpot down.

Good luck

de Janez S51DX

73 es DX de Janez S51DX

Primary e-mail : s51dx@...
URL : http://www.qsl.net/s51dx/

Need Mail bonding?
Go to the Yahoo! Mail Q&A for great tips from Yahoo! Answers users.
http://answers.yahoo.com/dir/?link=list&sid=396546091

5852. DSp 100

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-04-11 18:31:13 UTC
From: Rupert Walford
Topic: 5852 Message: 5852

Looking for a DSP100 should be in good condition with all the necc. cables. email allmode5@...

[Non-text portions of this message have been removed]

5853. Re: TS-850SAT

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-04-11 16:51:54 UTC
From: ei3gsb
Topic: 1009 Message: 5853

Thanks for the replies so far.

I think I'll take a look at the rig anyway and if I do buy it I'll reset it to 100w. If the rig has been regularly used at 145w what kind of problems should I look out for? Are there any tell tale signs that would indicate a problem with the rig? It's currently in use only on 11m, maybe that should be fair warning to stay clear!

Thanks again,
Andrew

5854. Re: TS-850SAT

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-04-11 17:38:17 UTC
From: Clif
Topic: 1009 Message: 5854

In the FWIW dept. I had an 850 on the bench the other day. It was set to 135w output. Just for grins I checked for distortion. When the radio developed ALC, just starting, at this power setting the 2-tone audio was obviously distorted. When set back to 100w there was no distortion until the ALC went off scale, not fullscale, off the right side of the scale.

Clif

--- In TS-850_450_690@yahoogroups.com, Janez Celarc <s51dx@...> wrote:
>
> Hi, when I buy mine TS-850 the power was around 95W
> on all bands. I was adjust output power to 120W.
> It was meassuerd with the Bird wattmeter. Yes,
> the power could go even higher, but I think that
> more than 120W is just to much for the output stage.
> If you need more buy an amplifier. If the seller's
> 850 is in good shape and if still deliver the power,
> buy it and decrease the trimpot down.
>
> Good luck
>
> de Janez S51DX
>
>
>
> 73 es DX de Janez S51DX
>
> Primary e-mail : s51dx@...
> URL : http://www.qsl.net/s51dx/
>
>
>
>

> Need Mail bonding?
> Go to the Yahoo! Mail Q&A for great tips from Yahoo! Answers users.
> http://answers.yahoo.com/dir/?link=list&sid=396546091
>

5855. RE: [TS-850_450_690] Re: TS-850SAT

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-04-11 17:38:08 UTC
From: Marty Bluhm
Topic: 1009 Message: 5855

May I make one suggestion. Check the battery inside. If you do buy it, change it out NOW!!!.
I bought my 850 in Dec and love it. It is now on its way to the Kenwood Service Center. The battery leaked onto the traces and part of my front panel is inoperative. Reading the 850 pages, this is a common problem. So beware.

73
Marty
W8AKS

-----Original Message-----
From: TS-850_450_690@yahoogroups.com
[mailto:TS-850_450_690@yahoogroups.com]On Behalf Of ei3gsb
Sent: Wednesday, April 11, 2007 16:52
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] Re: TS-850SAT

Thanks for the replies so far.

I think I'll take a look at the rig anyway and if I do buy it I'll reset it to 100w. If the rig has been regularly used at 145w what kind of problems should I look out for? Are there any tell tale signs that would indicate a problem with the rig? It's currently in use only on 11m, maybe that should be fair warning to stay clear!

Thanks again,
Andrew

[Non-text portions of this message have been removed]

5856. Re: [TS-850_450_690] Re: TS-850SAT

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-04-11 17:13:53 UTC
From: k8isk@comcast.net
Topic: 1009 Message: 5856

Before everyone gets all excited about cranking up their TS-850 to a kw, THINK about what it is going to do to the 3rd and 5th order distortion products. Yes, maybe it will run at that level without blowing up but most bi-polar devices increase in IMD dramtically when pushed. Inject a two tone generator into the mic input and measure the distortion products on a spectrum analyzer at 100w, then increase it an watch. If you don't have this equipment, DON'T even try it.

Terry

[Non-text portions of this message have been removed]

5857. Re: [TS-850_450_690] Re: TS-850SAT

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-04-11 20:15:15 UTC
From: Zack Widup
Topic: 1009 Message: 5857

There isn't really a lot to be gained from increasing the power from 100 to 150 watts in terms of S-units. It WILL produce additional distortion, as has been noted.

I've always held the philosophy that if I need more power I'll just get an amp big enough to make a real difference.

73, Zack W9SZ

On Wed, 11 Apr 2007 k8isk@... wrote:

> Before everyone gets all excited about cranking up their TS-850 to a kw, THINK about what it is going to do to the 3rd and 5th order distortion products. Yes, maybe it will run at that level without blowing up but most bi-polar devices increase in IMD dramtically when pushed. Inject a two tone generator into the mic input and measure the distortion products on a spectrum analyzer at 100w, then increase it an watch. If you don't have this equipment, DON'T even try it.
>
> Terry
>

5858. Re: TS-850SAT

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-04-12 09:16:52 UTC
From: f6iqa
Topic: 1009 Message: 5858

JUST THINK DECIBEL: increasing to 150W will only drive you to problems giving less than 2dB of gain. Furthermore remember that amplifiers usualy require 60 to 100 watts of input power. Sending more can lead you to tube (or transistor) destruction. Stay at regular power, DO NOT INCREASE OUTPUT POWER.

--- In TS-850_450_690@yahoogroups.com, Zack Widup <w9sz@...> wrote:

>
>
> There isn't really a lot to be gained from increasing the power from 100
> to 150 watts in terms of S-units. It WILL produce additional distortion,
> as has been noted.
>
> I've always held the philosophy that if I need more power I'll just get an
> amp big enough to make a real difference.
>
> 73, Zack W9SZ
>
> On Wed, 11 Apr 2007 k8isk@... wrote:
>
> > Before everyone gets all excited about cranking up their TS-850 to a kw, THINK about what it is going to do to the 3rd and 5th order distortion products. Yes, maybe it will run at that level without blowing up but most bi-polar devices increase in IMD dramtically when pushed. Inject a two tone generator into the mic input and measure the distortion products on a spectrum analyzer at 100w, then increase it an watch. If you don't have this equipment, DON'T even try it.
> >
> > Terry
> >
>

5859. Re: TS-850SAT

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-04-12 15:53:08 UTC
From: ltw_1937
Topic: 1009 Message: 5859

--- In TS-850_450_690@yahoogroups.com, "ei3gsb" <ei3gsb@...> wrote:
>
> Hi,
>
> I'm looking at buying an 850SAT. I spoke to the owner who told me that
> the measured power output was 145 Watts on a dummy load. I thought the
> radio was rated up to 100 Watts. I suppose it's possible that running
> 145 watts may cause problems, has anyone else on this group
> encountered any problems with 850 at these power levels??
>
> Thanks for any info!
>
> Andrew
>
Hi,

I have a TS 450 that has the opposite problem. It's power out is 85 watts on all bands. I looked at the service manual and could not find any direct way to raise the power back to the 100 watts. Yes I know it there but I couldn't find it. Will anyone tell me the correct pot to turn? Even more helpful would be where this whole subject is discussed in the service manual. Many Thanks, K4LLQ

5860. TS-820-S Needs Ten Year Checkup!!

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-04-12 20:53:49 UTC
From: H.L.
Topic: 5860 Message: 5860

Hello Everyone,

I need name, phone, etc. for a couple of reliable "technicians" who still work on the Kenwood 820 S????

I want to replace the relay and install a new set of matched tubes at a minimum. If I could buy a digital readout for future replacement I would do so.

I love this old radio and use it more than my Pro III when working 80 and 40 meters voice.

Thanks for any help anyone can offer......KJ4PW Mac

5861. Re: TS-850SAT

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-04-12 21:11:44 UTC
From: f6iqa
Topic: 1009 Message: 5861

--- In TS-850_450_690@yahoogroups.com, "ltw_1937" <k4llq@...> wrote:
>
> --- In TS-850_450_690@yahoogroups.com, "ei3gsb" <ei3gsb@> wrote:
> >
> > Hi,
> >
> > I'm looking at buying an 850SAT. I spoke to the owner who told me
that
> > the measured power output was 145 Watts on a dummy load. I
thought the
> > radio was rated up to 100 Watts. I suppose it's possible that
running
> > 145 watts may cause problems, has anyone else on this group
> > encountered any problems with 850 at these power levels??
> >
> > Thanks for any info!
> >
> > Andrew
> >
> Hi,
>
> I have a TS 450 that has the opposite problem. It's power out is 85
> watts on all bands. I looked at the service manual and could not
find
> any direct way to raise the power back to the 100 watts. Yes I know
it
> there but I couldn't find it. Will anyone tell me the correct pot to
> turn? Even more helpful would be where this whole subject is
discussed
> in the service manual. Many Thanks, K4LLQ
>

Ok, with such low power (if your measuring instrument is trusty) do
you have a BIG ALC deviation? If not, it means that total transmiting
gain is below specifications, if yes, this means that you just have
to open the tap a bit. The involved VR is VR7. Located UNDER the
radio where the board exhibits a metal shied. A hole in the shield is
provided to acces the adjustable resistor. MAKE SURE THAT YOU HAVE
THE PROPER SCREWDRIVER AND A RELIABLE METER, as well as a powerfull
enough power-supply. On my personal radio, the lower transmiting gain
(thus requiering the most of CAR position) is obtained on 15 meters.
I even do not have any ALC with CAR fully clockwise, if power voltage
drops below 12V. Everithing goes fine if voltage is 13.8V. I guess
this will vary with other radios.
After making new adjustment, MAKE SURE THAT YOU HAVE ALC DEVIATION on

all bands, thus making output power "under control" and not free run.
73's from Joss, F6IQA

Clif's note. He has a 450 not an 850. The alignment is on pg 124 of the service manual, step 8. It's VR15 (right rear of the IF unit)

5862. Re: TS-820-S Needs Ten Year Checkup!!

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-04-12 21:34:53 UTC
From: Clif
Topic: 5860 Message: 5862

Do it yourself. The hardest part will be finding a new relay, Kenwood discontinued them over 10 years ago. Since you have another radio neutralizing the tubes is simple. The tubes and relays (yep, there are 2) all plug in by the way.

Clif

--- In TS-850_450_690@yahoogroups.com, "H.L." <hmcarthur2@...> wrote:
>
>
> Hello Everyone,
>
> I need name, phone, etc. for a couple of reliable "technicians" who
> still work on the Kenwood 820 S????
>
> I want to replace the relay and install a new set of matched tubes at a
> minimum. If I could buy a digital readout for future replacement I
> would do so.
>
> I love this old radio and use it more than my Pro III when working 80
> and 40 meters voice.
>
> Thanks for any help anyone can offer......KJ4PW Mac
>

5864. Re: [TS-850_450_690] TS-850SAT Intermod Products.

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-04-13 05:45:17 UTC
From: Steve Gehring
Topic: 1009 Message: 5864

Yes, the 850S can be adjusted for this high power output level...

But, much above 100 watts, for which the rig was designed, caused much worse intermodulation distortion products -- something we do not want to do as amateurs. The 850's transmit intermod distortion products were/are not the best to begin with, I think around -28 dBm from the ARRL report of years ago. So, you'll be increasing the distortion products of an already poor intermod product level radio... not wise.

I would adjust for 100 to 110 watts -- no more. If you buy the radio, realign it to factory spec.

73.

Steve, NL7W

ei3gsb wrote:
>
> Hi,
>
> I'm looking at buying an 850SAT. I spoke to the owner who told me that
> the measured power output was 145 Watts on a dummy load. I thought the
> radio was rated up to 100 Watts. I suppose it's possible that running
> 145 watts may cause problems, has anyone else on this group
> encountered any problems with 850 at these power levels??
>
> Thanks for any info!
>
> Andrew
>
>

--
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5865. Re: [TS-850_450_690] TS-850SAT Intermod Products.

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-04-13 06:52:57 UTC
From: Steve Gehring
Topic: 1009 Message: 5865

By the way, I love my TS-850Sat. At 100 watts out, it drives my Alpha 374A to 1000 to 1200 watts.

They are a great combination.

73 all.

Steve Gehring wrote:
> Yes, the 850S can be adjusted for this high power output level...
>
> But, much above 100 watts, for which the rig was designed, caused much
> worse intermodulation distortion products -- something we do not want to
> do as amateurs. The 850's transmit intermod distortion products
> were/are not the best to begin with, I think around -28 dBm from the
> ARRL report of years ago. So, you'll be increasing the distortion
> products of an already poor intermod product level radio... not wise.
>
> I would adjust for 100 to 110 watts -- no more. If you buy the radio,
> realign it to factory spec.
>
> 73.
>
> Steve, NL7W
>
> ei3gsb wrote:
> >
> > Hi,
> >
> > I'm looking at buying an 850SAT. I spoke to the owner who told me that
> > the measured power output was 145 Watts on a dummy load. I thought the
> > radio was rated up to 100 Watts. I suppose it's possible that running
> > 145 watts may cause problems, has anyone else on this group
> > encountered any problems with 850 at these power levels??
> >
> > Thanks for any info!
> >
> > Andrew
> >
> >
>
> --
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> Version: 7.5.446 / Virus Database: 269.4.0/759 - Release Date:
> 4/12/2007 7:58 PM

>
>

--
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Version: 7.5.446 / Virus Database: 269.4.0/759 - Release Date: 4/12/2007 7:58 PM

5866. Re: TS-850SAT

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-04-13 09:39:44 UTC
From: ei3gsb
Topic: 1009 Message: 5866

--- In TS-850_450_690@yahoogroups.com, "ei3gsb" <ei3gsb@...> wrote:
>
> Thanks for the replies so far.
>
> I think I'll take a look at the rig anyway and if I do buy it I'll
> reset it to 100w. If the rig has been regularly used at 145w what
> kind of problems should I look out for? Are there any tell tale signs
> that would indicate a problem with the rig? It's currently in use only
> on 11m, maybe that should be fair warning to stay clear!
>
> Thanks again,
> Andrew
>

Thanks again for the comments! At least no-one has said avoid this rig even if it has been run at 150 watts! If I were to buy it I would definitely reset it to 100w, my main concern was if the radio had been abused how could I tell? I suppose one check would be to listen to the audio through the monitor and check to hear if the audio is 'clean'. Anyway, thanks again for the comments....!

Andrew

5867. Re: [TS-850_450_690] TS-850SAT Intermod Products.

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-04-13 05:52:11 UTC
From: John Geiger
Topic: 1009 Message: 5867

And I am not sure the extra 40 watts or so would be
very noticable on HF. Might be harder on the finals.
Make up the difference with aluminum

73s John W5TD

--- Steve Gehring <steveg@...> wrote:

> Yes, the 850S can be adjusted for this high power
> output level...
>
> But, much above 100 watts, for which the rig was
> designed, caused much
> worse intermodulation distortion products --
> something we do not want to
> do as amateurs. The 850's transmit intermod
> distortion products
> were/are not the best to begin with, I think around
> -28 dBm from the
> ARRL report of years ago. So, you'll be increasing
> the distortion
> products of an already poor intermod product level
> radio... not wise.
>
> I would adjust for 100 to 110 watts -- no more. If
> you buy the radio,
> realign it to factory spec.
>
> 73.
>
> Steve, NL7W
>
>
> ei3gsb wrote:
> >
> > Hi,
> >
> > I'm looking at buying an 850SAT. I spoke to the
> owner who told me that
> > the measured power output was 145 Watts on a dummy
> load. I thought the
> > radio was rated up to 100 Watts. I suppose it's
> possible that running
> > 145 watts may cause problems, has anyone else on
> this group
> > encountered any problems with 850 at these power

> levels??
> >
> > Thanks for any info!
> >
> > Andrew
> >
> >
>
>
>
> --
> No virus found in this outgoing message.
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> Release Date: 4/12/2007 7:58 PM
>
>

8:00? 8:25? 8:40? Find a flick in no time
with the Yahoo! Search movie showtime shortcut.
http://tools.search.yahoo.com/shortcuts/#news

5868. TS-450S Backup battery replacement

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-04-14 19:20:01 UTC
From: w7smj
Topic: 5868 Message: 5868

All:

I just performed the battery replacement mod on my rig last night and found that there was no battery leakage and the old battery still produced 3.2 V.

I purchased my rig in Oct 1995 and the serial no is in the 603 range. I have been relatively inactive the last 11 years and rarely, if ever, used memories so this may have been a direct result of the battery's performance.

Anyway, I just wanted to pass on my results as another data point to add for anyone considering replacing the battery.

73,
Scott

5869. TS-850 Receive problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-04-15 00:11:05 UTC
From: lightsearch52
Topic: 5869 Message: 5869

My 850 has been a problem for a while. I replaced the DC to DC board and replaced the battery. While performing these I inspected the caps on the CAR board at that time and they were visually OK. It started a different problem now with no receive when turned on. With this I noticed the On Air light would be on about half brilliance. The rig was NOT transmitting, however. Reading in the group postings and elsewhere made me believe the TX board may be at fault. We just changed it this evening. Problem still exists. When the rig is off for some period and powered up, the On Air light is half brilliance. Keying the radio does cause it to transmit and the light go to full brilliance. After it is powered for a period of time, the Air light dims to almost out. At this point, there is an intermittent receive condition that may last from 5 seconds to a minute. All bands work during this time and the S Meter responds. During these periods the radio will transmit when keyed and work fine. Kerchunking the mike does not necessarily cause receive to return.
Do not find anything in my research, so I am asking the experts.

Doyle/K9DEH

5870. Re: [TS-850_450_690] Re: TS-850SAT

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-04-15 06:36:54 UTC
From: Steve Gehring
Topic: 1009 Message: 5870

Hi Andrew,

You could propose a "try before you buy" scenario.
That would be good...

73.

ei3gsb wrote:
>
> --- In TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>, "ei3gsb" <ei3gsb@...> wrote:
> >
> > Thanks for the replies so far.
> >
> > I think I'll take a look at the rig anyway and if I do buy it I'll
> > reset it to 100w. If the rig has been regularly used at 145w what
> > kind of problems should I look out for? Are there any tell tale signs
> > that would indicate a problem with the rig? It's currently in use only
> > on 11m, maybe that should be fair warning to stay clear!
> >
> > Thanks again,
> > Andrew
> >
>
> Thanks again for the comments! At least no-one has said avoid this rig
> even if it has been run at 150 watts! If I were to buy it I would
> definitely reset it to 100w, my main concern was if the radio had been
> abused how could I tell? I suppose one check would be to listen to the
> audio through the monitor and check to hear if the audio is 'clean'.
> Anyway, thanks again for the comments....!
>
> Andrew
>
>

--
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5871. Re: TS-850SAT

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-04-15 10:49:49 UTC
From: ei3gsb
Topic: 1009 Message: 5871

I did, and I bought the radio! I'm very impressed by the very quiet
and sensitive RX and I've had very good reports with the rig so far.
One thing I will do in the coming days is to replace the battery, I'll
have to read the article again but I think I can use a CR2032 instead,
they just don't last as long...

Anyway, so far so good, I'm glad I joined this forum, there's a lot of
useful info to be found...!

Cheers,
Andrew EI3GSB

--- In TS-850_450_690@yahoogroups.com, Steve Gehring <steveg@...> wrote:
>
> Hi Andrew,
>
> You could propose a "try before you buy" scenario.
> That would be good...
>
> 73.

5872. Re: TS-850SAT

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-04-15 23:01:38 UTC
From: Mike
Topic: 1009 Message: 5872

Congrats Andrew! Now to tell you the bad things that are usually kept secret... you now will be forced to get used to the "Great audio" reports and once you get hooked on the slope tunning you will be disappointed in the new high $$ rigs because they just wont do what the 850 does as easily. I've had a chance to play with both the Orion and a IC-7800 for a few hours each and I like the 850 better. 73 , Mike

> > > Hi Andrew,
> > You could propose a "try before you buy" scenario.
> > That would be good...
> >
> > 73.

--- In TS-850_450_690@yahoogroups.com, "ei3gsb" <ei3gsb@...> wrote:
>
> I did, and I bought the radio! I'm very impressed by the very quiet
> and sensitive RX and I've had very good reports with the rig so far.

5873. Re: [TS-850_450_690] Re: TS-850SAT

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-04-15 23:06:53 UTC
From: John Geiger
Topic: 1009 Message: 5873

Yes, congrats! Now decide you need DSP and email me
off the list offering it to me. Wish I hadn't sold
mine.

73s John W5TD

--- Mike <mypc800@...> wrote:

> Congrats Andrew! Now to tell you the bad things
> that are usually kept
> secret... you now will be forced to get used to the
> "Great audio"
> reports and once you get hooked on the slope tunning
> you will be
> disappointed in the new high $$ rigs because they
> just wont do what the
> 850 does as easily. I've had a chance to play with
> both the Orion and
> a IC-7800 for a few hours each and I like the 850
> better. 73 , Mike
>
>
>
>
>
> > > > Hi Andrew,
> > > You could propose a "try before you buy"
> scenario.
> > > That would be good...
> > >
> > > 73.
>
>
> --- In TS-850_450_690@yahoogroups.com, "ei3gsb"
> <ei3gsb@...> wrote:
> >
> > I did, and I bought the radio! I'm very impressed
> by the very quiet
> > and sensitive RX and I've had very good reports
> with the rig so far.
>
>
>

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5874. RE: [TS-850_450_690] Re: TS-850SAT

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-04-16 00:20:41 UTC
From: Marty Bluhm
Topic: 1009 Message: 5874

I'll second Mike's comments. This is the best I've had in 50+ years of operating and to top it off, you have one of the best support groups around right here.
Enjoy and hope to work u someday.

73
Marty
W8AKS

-----Original Message-----
From: TS-850_450_690@yahoogroups.com
[mailto:TS-850_450_690@yahoogroups.com]On Behalf Of Mike
Sent: Sunday, April 15, 2007 23:02
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] Re: TS-850SAT

Congrats Andrew! Now to tell you the bad things that are usually kept secret... you now will be forced to get used to the "Great audio" reports and once you get hooked on the slope tunning you will be disappointed in the new high $$ rigs because they just wont do what the 850 does as easily. I've had a chance to play with both the Orion and a IC-7800 for a few hours each and I like the 850 better. 73 , Mike

> > > Hi Andrew,
> > You could propose a "try before you buy" scenario.
> > That would be good...
> >
> > 73.

--- In TS-850_450_690@yahoogroups.com, "ei3gsb" <ei3gsb@...> wrote:
>
> I did, and I bought the radio! I'm very impressed by the very quiet
> and sensitive RX and I've had very good reports with the rig so far.

[Non-text portions of this message have been removed]

5875. Re: TS-850 Receive problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-04-16 15:54:10 UTC
From: Clif
Topic: 5869 Message: 5875

What does the s-meter show when "no receive"?
Open the radio and measure the RXB and TXB lines when in no rx mode.
Readings???

SN of radio?? First 4 numbers fine...

Clif

--- In TS-850_450_690@yahoogroups.com, "lightsearch52"
<lightsearch52@...> wrote:
>
> My 850 has been a problem for a while. I replaced the DC to DC board
> and replaced the battery. While performing these I inspected the caps
> on the CAR board at that time and they were visually OK. It started a
> different problem now with no receive when turned on. With this I
> noticed the On Air light would be on about half brilliance. The rig
> was NOT transmitting, however. Reading in the group postings and
> elsewhere made me believe the TX board may be at fault. We just
> changed it this evening. Problem still exists. When the rig is off for
> some period and powered up, the On Air light is half brilliance.
> Keying the radio does cause it to transmit and the light go to full
> brilliance. After it is powered for a period of time, the Air light
> dims to almost out. At this point, there is an intermittent receive
> condition that may last from 5 seconds to a minute. All bands work
> during this time and the S Meter responds. During these periods the
> radio will transmit when keyed and work fine. Kerchunking the mike
> does not necessarily cause receive to return.
> Do not find anything in my research, so I am asking the experts.
>
> Doyle/K9DEH
>

5876. Re: TS-850 Receive problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-04-16 21:35:08 UTC
From: lightsearch52
Topic: 5869 Message: 5876

Cliff, will get back to you in couple days. "Work" gets in the way of
radio now, sigh. Thanks

--- In TS-850_450_690@yahoogroups.com, "Clif" <clif@...> wrote:
>
> What does the s-meter show when "no receive"?
> Open the radio and measure the RXB and TXB lines when in no rx mode.
> Readings???
>
> SN of radio?? First 4 numbers fine...
>
> Clif
>
>
> --- In TS-850_450_690@yahoogroups.com, "lightsearch52"
> <lightsearch52@> wrote:
> >
> > My 850 has been a problem for a while. I replaced the DC to DC board
> > and replaced the battery. While performing these I inspected the caps
> > on the CAR board at that time and they were visually OK. It started a
> > different problem now with no receive when turned on. With this I
> > noticed the On Air light would be on about half brilliance. The rig
> > was NOT transmitting, however. Reading in the group postings and
> > elsewhere made me believe the TX board may be at fault. We just
> > changed it this evening. Problem still exists. When the rig is off for
> > some period and powered up, the On Air light is half brilliance.
> > Keying the radio does cause it to transmit and the light go to full
> > brilliance. After it is powered for a period of time, the Air light
> > dims to almost out. At this point, there is an intermittent receive
> > condition that may last from 5 seconds to a minute. All bands work
> > during this time and the S Meter responds. During these periods the
> > radio will transmit when keyed and work fine. Kerchunking the mike
> > does not necessarily cause receive to return.
> > Do not find anything in my research, so I am asking the experts.
> >
> > Doyle/K9DEH
> >
>

5877. DSP-100 sale

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-04-17 07:23:12 UTC
From: s51dx
Topic: 5877 Message: 5877

Hi, anyone interest in good looking
and in good shape DSP-100 unit?
Unit is complette with all cables,
manual and carton original box.
I'll send it only to European union!
There are the market price on eBay and
also the reasnoble price. So give me some
good offer and it's yours.
(There are also postage costs).
Pictures can be send to e-mail.

I'm sorry for use an group for sell offer!

73 es DX de Janez S51DX

5878. kenwood ts450s display problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-04-18 11:56:36 UTC
From: jose saavedra
Topic: 5878 Message: 5878

hi my name is jose .i habe a kenwood ts 450s. the radio have a problem
with the display .the problem is when i see the radio in front of me
the numbers have too brighness and no contrast only when i see beside
no the front .i test in the ribbon cable conector 1 from the the
digital unit
and the voltage read correct in the pin 10 read 4.8 and pin 9 read 8.0
volts ,i have other friend with the same problem .

i apreciate your help
thanks att JOSE -WP4NK-

5879. FS: SP-23 external speaker

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-04-18 17:39:02 UTC
From: John Geiger
Topic: 5879 Message: 5879

I have for sale a Kenwood SP-23 external speaker which matches the TS450/690/570 series of radios, but will work with any radio. It works fine and comes with a cable to hook into the external speaker jack. The case has quite a few scratches on it, but the face of it looks fine. I am asking $35 plus shipping for it.

73s John W5TD

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5880. FS: computer control cable for 450/690

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-04-18 17:35:35 UTC
From: John Geiger
Topic: 5880 Message: 5880

I have for sale a computer control cable for the TS450
and TS690. It plugs into a serial port on the
computer, and to the DIN plug on the side of the 450
or 690 to allow computer control of the radio. Not
really sure what this is worth-how about $15 shipped
in US?

73s John W5TD

_____
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http://mail.yahoo.com

5881. Re: [TS-850_450_690] kenwood ts450s display problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-04-18 19:04:06 UTC
From: Rodrigo
Topic: 5878 Message: 5881

Hi Jose

I also have this problem...it happens once in a while (righ now the display is ok)...Let us all know of any news you have!

Regards

Rod

----- Original Message -----
From: jose saavedra
To: TS-850_450_690@yahoogroups.com
Sent: Wednesday, April 18, 2007 8:56 AM
Subject: [TS-850_450_690] kenwood ts450s display problem

hi my name is jose .i habe a kenwood ts 450s. the radio have a problem
with the display .the problem is when i see the radio in front of me
the numbers have too brighness and no contrast only when i see beside
no the front .i test in the ribbon cable conector 1 from the the
digital unit
and the voltage read correct in the pin 10 read 4.8 and pin 9 read 8.0
volts ,i have other friend with the same problem .

i apreciate your help
thanks att JOSE -WP4NK-

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Version: 7.5.446 / Virus Database: 269.5.2/766 - Release Date: 4/18/2007 7:39 AM

[Non-text portions of this message have been removed]

5882. TS-450S ACC3 Pinout

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-04-19 20:00:29 UTC
From: w7smj
Topic: 5882 Message: 5882

Hi,

I recently purchased an LDG K-OTT interface and would like to add a fuse to the interface to protect the radio. So far I have been unable to find the pinout of the ACC3 jack in any documentation.

I did run across a web page for adding an external fan that indicates pin 6 is +13.8V. Does anyone have the ACC3 pinout info they can provide or verify that pin 6 is the +13.8V lead?

Also, as long as I'm asking, in order to size the fuse appropriately does anyone know how much current you can safely draw from ACC3?

Thanks & 73,
Scott

5883. Re: TS-450S ACC3 Pinout

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-04-19 20:57:28 UTC
From: ve3tmt
Topic: 5882 Message: 5883

Scott,

Looking at the connector from the back of the radio, pin 1,2,3 run across the top row left to right. Pin 4,5,6 run across the bottom row left to right. So pin 1 and 3, which are the two outside pins on the top are ground. Pin 6 in the bottom right is the +V pin. It should be good for a couple of amps at least.

Max
VE3TMT

5884. Re: TS-450S ACC3 Pinout

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-04-20 02:40:32 UTC
From: w7smj
Topic: 5882 Message: 5884

Hi Max,

Thanks for the info. It looks like the tuner only pulls 500 mills so
I guess a 1 amp fuse will be sufficient protection.

73,
Scott

5885. TS-850 Power meter indication

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-04-22 15:21:20 UTC
From: observer35
Topic: 5885 Message: 5885

Hello All,

On the 850 the meter's moving bar, indicating output, changes
colour (changes to red) at about 75 W or there abouts.

I have not been able to locate in the manual what the meaning is
of this colour change. Any answers? Thanks in advance

73 Rein W6SZ.

5886. Re: [TS-850_450_690] TS-850 Power meter indication

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-04-22 16:12:07 UTC
From: José Corino
Topic: 5885 Message: 5886

Hi Rein!
The colour changes because the meter is also used as signal meter, and if the signal is greater than 9db the leds are red. No big deal.
73 de PY4WWW - Jos?

----- Original Message -----
From: "observer35" <rein0zn@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Sunday, April 22, 2007 12:21 PM
Subject: [TS-850_450_690] TS-850 Power meter indication

> Hello All,
>
> On the 850 the meter's moving bar, indicating output, changes
> colour (changes to red) at about 75 W or there abouts.
>
> I have not been able to locate in the manual what the meaning is
> of this colour change. Any answers? Thanks in advance
>
> 73 Rein W6SZ.
>
>
>
> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
>
>
>

5887. Re: TS-850 Power meter indication

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-04-22 16:30:26 UTC
From: Dave
Topic: 5885 Message: 5887

Interesting...mine go red at 50 watts, not 75 watts. And mine appear
to be a vacuum-fluorescent display, not LEDs.

They could have let the VF bars be uni-color, and simply "reddened"
the meter scale above it.

I wish they'd used a genuine analog meter. I notice today's high
dollar rigs are going back to analog metering. My eyes always
preferred a moving needle. But overall, it's not a big deal...the
metering doesn't impact how great the RX is in these rigs!

Dave W8NF

--- In TS-850_450_690@yahoogroups.com, José Corino <py4www@...> wrote:
>
> Hi Rein!
> The colour changes because the meter is also used as signal meter,
and if
> the signal is greater than 9db the leds are red. No big deal.
> 73 de PY4WWW - José
>
> ----- Original Message -----
> From: "observer35" <rein0zn@...>
> To: <TS-850_450_690@yahoogroups.com>
> Sent: Sunday, April 22, 2007 12:21 PM
> Subject: [TS-850_450_690] TS-850 Power meter indication
>
>
> > Hello All,
> >
> > On the 850 the meter's moving bar, indicating output, changes
> > colour (changes to red) at about 75 W or there abouts.
> >
> > I have not been able to locate in the manual what the meaning is
> > of this colour change. Any answers? Thanks in advance
> >
> > 73 Rein W6SZ.
> >
> >
> >
> > THANKS FOR USING TS-850_450_690@...
> > Yahoo! Groups Links
> >
> >
> >
>

5888. Re: [TS-850_450_690] TS-850 Power meter indication

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-04-23 01:02:03 UTC
From: Rein A. Smit
Topic: 5885 Message: 5888

Hello Jos?,.

Thanks, smart thinking,

That is right , I was concerned about some limitation.
I am running JT65A with a high duty cycle.
There is nothing in the manual about it I believe.

Thanks again es 73

Rein W6SZ

> [Original Message]
> From: Jos? Corino <py4www@...>
> To: <TS-850_450_690@yahoogroups.com>
> Date: 4/22/2007 9:17:11 AM
> Subject: Re: [TS-850_450_690] TS-850 Power meter indication
>
> Hi Rein!
> The colour changes because the meter is also used as signal meter, and if
> the signal is greater than 9db the leds are red. No big deal.
> 73 de PY4WWW - Jos?
>
> ----- Original Message -----
> From: "observer35" <rein0zn@...>
> To: <TS-850_450_690@yahoogroups.com>
> Sent: Sunday, April 22, 2007 12:21 PM
> Subject: [TS-850_450_690] TS-850 Power meter indication
>
>
> > Hello All,
> >
> > On the 850 the meter's moving bar, indicating output, changes
> > colour (changes to red) at about 75 W or there abouts.
> >
> > I have not been able to locate in the manual what the meaning is
> > of this colour change. Any answers? Thanks in advance
> >
> > 73 Rein W6SZ.
> >
> >
> >
> > THANKS FOR USING TS-850_450_690@...
> > Yahoo! Groups Links
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> >

> >
>
>
>
> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
>
>
>

5889. AF/RF gain CNTL for ts850 Wanted

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-04-23 15:48:10 UTC
From: weak_signals
Topic: 5889 Message: 5889

Anyone got one of these?
Know Where I can get one? Kenwood discontinued.

Thanks

5890. TS-850SAT

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-04-23 22:34:15 UTC
From: ei3gsb
Topic: 1009 Message: 5890

Just saw this on dxzone...

http://tinyurl.com/2bsspe

Not my radio but it might be of interest to someone in the US or Canada...

Cheers,
Andrew

5891. Re: [TS-850_450_690] TS-850SAT

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-04-24 04:12:37 UTC
From: John Geiger
Topic: 1009 Message: 5891

There is also a TS850 listed on The ARRL's Radios On
Line right now for $550. Not sure if it is the SAT
model or not. If only they did 6m.

73s John W5TD

--- ei3gsb <ei3gsb@...> wrote:

> Just saw this on dxzone...
>
> http://tinyurl.com/2bsspe
>
> Not my radio but it might be of interest to someone
> in the US or Canada...
>
> Cheers,
> Andrew
>
>

Do You Yahoo!?
Tired of spam? Yahoo! Mail has the best spam protection around
http://mail.yahoo.com

5892. Re: TS-850 Power meter indication

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-04-24 13:11:11 UTC
From: Private
Topic: 5885 Message: 5892

--- In TS-850_450_690@yahoogroups.com, José Corino <py4www@...> wrote:
>Hi,

I also have a 850sat, original ownerand not moded out, however my
meter does not change colors....the moving bar is always white no
matter how high or low an output!

Frank KB2AYS

> Hi Rein!
> The colour changes because the meter is also used as signal meter,
and if
> the signal is greater than 9db the leds are red. No big deal.
> 73 de PY4WWW - José
>
> ----- Original Message -----
> From: "observer35" <rein0zn@...>
> To: <TS-850_450_690@yahoogroups.com>
> Sent: Sunday, April 22, 2007 12:21 PM
> Subject: [TS-850_450_690] TS-850 Power meter indication
>
>
> > Hello All,
> >
> > On the 850 the meter's moving bar, indicating output, changes
> > colour (changes to red) at about 75 W or there abouts.
> >
> > I have not been able to locate in the manual what the meaning is
> > of this colour change. Any answers? Thanks in advance
> >
> > 73 Rein W6SZ.
> >
> >
> >
> > THANKS FOR USING TS-850_450_690@...
> > Yahoo! Groups Links
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> >
> >
>

5893. Info...

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-04-24 14:52:53 UTC
From: Jean-Guy
Topic: 5893 Message: 5893

Hello All, got me an ts-850sat yesterday, and come to find out today that the antenna tuner will not tune antenna. Now i dont have the very best of antennas, but they are the same as i was running on my 450 about 6 months ago and had not problems with that rig. This one does try to tune, and then ends the tuning cycle with a number of beeps and it is not tuned at all. Wonder what could possibly be wrong with it, as i am new to the 850.
Hope to hear good comments and maybe a cure to this.

73 de Jean-Guy/ve9buf

http://www.ve9tca.org

Google Earth coordinates.
46? 6' 25.71'' N, 64? 44' 39.69'' W

[Non-text portions of this message have been removed]

5894. VHF on TS-850SAT

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-04-24 15:06:21 UTC
From: Zack Widup
Topic: 1009 Message: 5894

I got the DEM TIB-850 kit (transverter interface specially designed to go with the 850) at Dayton last year and finally got around to building it last month. I'm building a transverter just to use at home on 6m with my 850. The other one I use was built primarily for portable use and the layout and design wasn't optimized for the 850.

Some people have gotten 850's cheap and taken the amp board out and replaced it with a transverter for a VHF band. Someone was selling a couple a few years ago set up for 6 and 2 meters. Unfortunately, they would have been a lot of work to restore to HF operation. With the DEM transverter interface I can do that by flipping a switch.

73, Zack W9SZ

On Mon, 23 Apr 2007, John Geiger wrote:

> There is also a TS850 listed on The ARRL's Radios On
> Line right now for $550. Not sure if it is the SAT
> model or not. If only they did 6m.
>
> 73s John W5TD
>

5895. Re: VHF on TS-850SAT

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-04-24 16:09:32 UTC
From: ve3tmt
Topic: 1009 Message: 5895

Zack,

I used to run a Yaesu FTV-700 2m transverter with mine. I installed two RCA jacks on the rear of the 850. You break the coaxial line that runs from the output of the driver going to the final amp. The output end of the driver stage goes to one plug and the input to the final goes to the other. I rigged a switch box to switch the transverter and RF path in and out depending on if I was using HF or 2m. Worked great, and you didn't have to remember to turn the RF down.

Max
VE3TMT

5896. Re: Tuner Issue (was [TS-850_450_690] Info...)

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-04-24 18:52:04 UTC
From: John Kuklewicz N7ZN
Topic: 5893 Message: 5896

Jean-Guy wrote:
> Hello All, got me an ts-850sat yesterday, and come to find out today that the antenna tuner will not tune antenna. Now i dont have the very best of antennas, but they are the same as i was running on my 450 about 6 months ago and had not problems with that rig. This one does try to tune, and then ends the tuning cycle with a number of beeps and it is not tuned at all. Wonder what could possibly be wrong with it, as i am new to the 850.
> Hope to hear good comments and maybe a cure to this.
>

One possibility is that the previous owner had the
tuner set up for some unusual load.

Will the tuner settle down when you drive a 50 ohm
dummy load?

I once purchased a used TS-850S/AT where the tuner
worked OK except on 40m where it would not find a
match. My 40m antenna was resonant and exhibited
SWR close to 1:1.

I put the tuner into manual mode and was able to
drive the controls to get close to a match. The
tuner has operated fine since (in auto mode).

Not sure if this is your problem, but something
worth trying - if the tuner will not settle down
into a dummy load, use manual mode to drive it there.
Then try the real antenna again.

I hope tis helps.

vy 73;

John N7ZN

> 73 de Jean-Guy/ve9buf
>
> http://www.ve9tca.org
>
> Google Earth coordinates.
> 46? 6' 25.71'' N, 64? 44' 39.69'' W
>
> [Non-text portions of this message have been removed]
>

5897. Antennas

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-04-29 08:14:53 UTC
From: Paul Spiteri
Topic: 5897 Message: 5897

Hi Everybody,
I have an EXP-14 from Hy-Gain with the 40 Mtr kit on it. I am going to buy a D3W rotateable dipole for 12-17-30 Mtrs.
My question is this :-
I am going to put the D3W like 3 feet up of the EXP-14.
How can I install the D3W ? on the EXP-14 driven element (zero degrees) or on the boom (plus 90 degrees). Hope you understand.
Thank you for any help. I am just asking cause I think that someone here allready passed from this situation. Also I'm afraid of the SWR and no good performance of the two antennas.

73's de'
9H1SP
Paul
www.9h1sp.com

[Non-text portions of this message have been removed]

5898. Looking For a Kenwood Board

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-04-30 18:46:57 UTC
From: Marty Bluhm
Topic: 5898 Message: 5898

It looks like I have intermitt connection on the digit control board which is causing my controls to act up. Kenwood Service tells me I need board X46-3080-11 which is discontinued. I've checked East Coast, RF Parts and Pacific with no results. Anybody in the group know of any boards floating around?

Thanks
Marty
W8AKS

5899. Re: [TS-850_450_690] Looking For a Kenwood Board

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-04-30 19:46:11 UTC
From: ve3wej gmail
Topic: 5898 Message: 5899

read the service letters..and previous posts
.....most boards have bad caps on them maybe they can be replaced. if that is why.

what is the reason the board is suspect....alc????output????

VE3WEJ
Dave Garber
----- Original Message -----
From: Marty Bluhm
To: TS-850_450_690@yahoogroups. com
Sent: Monday, April 30, 2007 2:46 PM
Subject: [TS-850_450_690] Looking For a Kenwood Board

It looks like I have intermitt connection on the digit control board which
is causing my controls to act up. Kenwood Service tells me I need board
X46-3080-11 which is discontinued. I've checked East Coast, RF Parts and
Pacific with no results. Anybody in the group know of any boards floating
around?

Thanks
Marty
W8AKS

[Non-text portions of this message have been removed]

5900. RE: [TS-850_450_690] Looking For a Kenwood Board

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-04-30 20:09:50 UTC
From: Marty Bluhm
Topic: 5898 Message: 5900

For Dave VE3WEJ:
this is what is going on. It acted up the first part of the month, so I drove to Va Beach from WV and delivered it to Kenwood service center. Stayed with my kids and got a call the next day that they could find nothing wrong with it. Picked it up and brought it home. Worked fine until Sat morning. Turned in on and tried to punch 14243 to hunt submarines and the same thing as below started again.
Driving me crazy. I've reseted the micro numerous times, disconnected power, checked the power supply voltage (13.91 volts). Only thing I havent done is pop the cover or bounce it off the walls. (That is next, 3 pointer into the dumpster). Only thing, XYL says NO MORE RADIO'S. So I guess that ended that discussion.

Hopefully, I can get some ideas from the group or a new board.

73
Marty
W8AKS
Well, I've got a strange one that has just started happening.
When I try to enter a freq on the keypad, it reverts to the previous freq.
For example:

Freq 21125
Ent
14087.00, it reverts back to 21125.

If I try to enter 15000.00, it reverts back to 12.(blank)

if I try to enter 16000.00, it reverts to 13000.00 and goes into the scan mode.

I've done a master reset (rx-a down while turning on the radio, with no success. Also A=B while turning on the radio. Also no success. According to Steve at Kenwood Service Center that is all they did.

If I right click on a 14khz freq off the cluster, it goes right to it. If I try and enter another 14khz freq on the keypad, it reverts back to freq taken from the cluster i.e. 14.268.70, try to enter 14.087.00 from the keypad, you can enter the first two digits and it reverts back to 14.268.70.

The problem seems to be in the row containing the 4,5 and 6 with the rec-1, rec-2 and rec-3. I can enter freqs via the keypad with numbers in the first and last row (1,2,3 and 7,8,9)

Also, if I go to VFO B receivemy 1mh icon comes on and doesnt not change in the 1mhz range, if I go to vfo b tx the flock comes on and locks the display.

Going to Vfo B TX, I get the F.Lock with the tuning locked as supposed to be.

In addition to the other key problems, I found my fm/am does not work at all. Pressing this button give me the quick memo feature with channel 1 displayed.

-----Original Message-----
From: TS-850_450_690@yahoogroups.com
[mailto:TS-850_450_690@yahoogroups.com]On Behalf Of ve3wej gmail
Sent: Monday, April 30, 2007 19:46
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] Looking For a Kenwood Board

read the service letters..and previous posts
.....most boards have bad caps on them maybe they can be replaced. if that is why.

what is the reason the board is suspect....alc????output????

VE3WEJ
Dave Garber
----- Original Message -----
From: Marty Bluhm
To: TS-850_450_690@yahoogroups. com
Sent: Monday, April 30, 2007 2:46 PM
Subject: [TS-850_450_690] Looking For a Kenwood Board

It looks like I have intermitt connection on the digit control board which is causing my controls to act up. Kenwood Service tells me I need board X46-3080-11 which is discontinued. I've checked East Coast, RF Parts and Pacific with no results. Anybody in the group know of any boards floating around?

Thanks
Marty
W8AKS

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

5901. Re: [TS-850_450_690] Looking For a Kenwood Board

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-04-30 20:41:52 UTC
From: Ken Winterling
Topic: 5898 Message: 5901

Marty,

When you mentioned "right click" and "cluster" I realized that your rig is connected to a PC. Have you tried shutting off the rig, disconnecting the PC and then resetting the rig to see if it operates properly when separated from computer control?

Ken, WA2LBI

On 4/30/07, Marty Bluhm <w8aks@...> wrote:
>
> For Dave VE3WEJ:
> this is what is going on. It acted up the first part of the month, so I
> drove to Va Beach from WV and delivered it to Kenwood service center.
> Stayed
> with my kids and got a call the next day that they could find nothing
> wrong
> with it. Picked it up and brought it home. Worked fine until Sat morning.
> Turned in on and tried to punch 14243 to hunt submarines and the same
> thing
> as below started again.
> Driving me crazy. I've reseted the micro numerous times, disconnected
> power,
> checked the power supply voltage (13.91 volts). Only thing I havent done
> is
> pop the cover or bounce it off the walls. (That is next, 3 pointer into
> the
> dumpster). Only thing, XYL says NO MORE RADIO'S. So I guess that ended
> that
> discussion.
>
> Hopefully, I can get some ideas from the group or a new board.
>
> 73
> Marty
> W8AKS
> Well, I've got a strange one that has just started happening.
> When I try to enter a freq on the keypad, it reverts to the previous freq.
> For example:
>
> Freq 21125
> Ent
> 14087.00, it reverts back to 21125.
>
> If I try to enter 15000.00, it reverts back to 12.(blank)
>

> if I try to enter 16000.00, it reverts to 13000.00 and goes into the scan
> mode.
>
> I've done a master reset (rx-a down while turning on the radio, with no
> success. Also A=B while turning on the radio. Also no success. According
> to
> Steve at Kenwood Service Center that is all they did.
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> If I right click on a 14khz freq off the cluster, it goes right to it. If
> I
> try and enter another 14khz freq on the keypad, it reverts back to freq
> taken from the cluster i.e. 14.268.70, try to enter 14.087.00 from the
> keypad, you can enter the first two digits and it reverts back to
> 14.268.70.
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> The problem seems to be in the row containing the 4,5 and 6 with the
> rec-1,
> rec-2 and rec-3. I can enter freqs via the keypad with numbers in the
> first
> and last row (1,2,3 and 7,8,9)
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> Also, if I go to VFO B receivemy 1mh icon comes on and doesnt not change
> in
> the 1mhz range, if I go to vfo b tx the flock comes on and locks the
> display.
> Going to Vfo B TX, I get the F.Lock with the tuning locked as supposed to
> be.
>
> In addition to the other key problems, I found my fm/am does not work at
> all. Pressing this button give me the quick memo feature with channel 1
> displayed.
>
>
>
>
> -----Original Message-----
> From: TS-850_450_690@yahoogroups.com
> [mailto:TS-850_450_690@yahoogroups.com]On Behalf Of ve3wej gmail
> Sent: Monday, April 30, 2007 19:46
> To: TS-850_450_690@yahoogroups.com
> Subject: Re: [TS-850_450_690] Looking For a Kenwood Board
>
>
> read the service letters..and previous posts
> .....most boards have bad caps on them maybe they can be replaced. if that
> is why.
>
> what is the reason the board is suspect....alc????output????
>
> VE3WEJ

> Dave Garber
> ----- Original Message -----
> From: Marty Bluhm
> To: TS-850_450_690@yahoogroups. com
> Sent: Monday, April 30, 2007 2:46 PM
> Subject: [TS-850_450_690] Looking For a Kenwood Board
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> It looks like I have intermitt connection on the digit control board which
> is causing my controls to act up. Kenwood Service tells me I need board
> X46-3080-11 which is discontinued. I've checked East Coast, RF Parts and
> Pacific with no results. Anybody in the group know of any boards floating
> around?
>
> Thanks
> Marty
> W8AKS
>

[Non-text portions of this message have been removed]

5902. RE: [TS-850_450_690] Looking For a Kenwood Board

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-04-30 21:18:55 UTC
From: Marty Bluhm
Topic: 5898 Message: 5902

Ken, Just tried it. Same thing. I hit VFO B TX and I get the Flock. All
other functions are doing the same as before.
Thanks for the suggestion. You never know.
73
Marty
W8AKS

-----Original Message-----
From: TS-850_450_690@yahoogroups.com
[mailto:TS-850_450_690@yahoogroups.com]On Behalf Of Ken Winterling
Sent: Monday, April 30, 2007 20:42
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] Looking For a Kenwood Board

Marty,

When you mentioned "right click" and "cluster" I realized that your rig is
connected to a PC. Have you tried shutting off the rig, disconnecting the
PC and then resetting the rig to see if it operates properly when
separated
from computer control?

Ken, WA2LBI

On 4/30/07, Marty Bluhm <w8aks@...> wrote:
>
> For Dave VE3WEJ:
> this is what is going on. It acted up the first part of the month, so I
> drove to Va Beach from WV and delivered it to Kenwood service center.
> Stayed
> with my kids and got a call the next day that they could find nothing
> wrong
> with it. Picked it up and brought it home. Worked fine until Sat
morning.
> Turned in on and tried to punch 14243 to hunt submarines and the same
> thing
> as below started again.
> Driving me crazy. I've reseted the micro numerous times, disconnected
> power,
> checked the power supply voltage (13.91 volts). Only thing I havent done
> is
> pop the cover or bounce it off the walls. (That is next, 3 pointer into
> the
> dumpster). Only thing, XYL says NO MORE RADIO'S. So I guess that ended
> that
> discussion.

>
> Hopefully, I can get some ideas from the group or a new board.
>
> 73
> Marty
> W8AKS
> Well, I've got a strange one that has just started happening.
> When I try to enter a freq on the keypad, it reverts to the previous
freq.
> For example:
>
> Freq 21125
> Ent
> 14087.00, it reverts back to 21125.
>
> If I try to enter 15000.00, it reverts back to 12.(blank)
>
> if I try to enter 16000.00, it reverts to 13000.00 and goes into the
scan
> mode.
>
> I've done a master reset (rx-a down while turning on the radio, with no
> success. Also A=B while turning on the radio. Also no success. According
> to
> Steve at Kenwood Service Center that is all they did.
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If
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> try and enter another 14khz freq on the keypad, it reverts back to freq
> taken from the cluster i.e. 14.268.70, try to enter 14.087.00 from the
> keypad, you can enter the first two digits and it reverts back to
> 14.268.70.
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> The problem seems to be in the row containing the 4,5 and 6 with the
> rec-1,
> rec-2 and rec-3. I can enter freqs via the keypad with numbers in the
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> and last row (1,2,3 and 7,8,9)
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> Also, if I go to VFO B receivemy 1mh icon comes on and doesnt not change
> in
> the 1mhz range, if I go to vfo b tx the flock comes on and locks the
> display.
> Going to Vfo B TX, I get the F.Lock with the tuning locked as supposed
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> be.
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> all. Pressing this button give me the quick memo feature with channel 1

> displayed.
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>
>
> -----Original Message-----
> From: TS-850_450_690@yahoogroups.com
> [mailto:TS-850_450_690@yahoogroups.com]On Behalf Of ve3wej gmail
> Sent: Monday, April 30, 2007 19:46
> To: TS-850_450_690@yahoogroups.com
> Subject: Re: [TS-850_450_690] Looking For a Kenwood Board
>
>
> read the service letters..and previous posts
> .....most boards have bad caps on them maybe they can be replaced. if
that
> is why.
>
> what is the reason the board is suspect....alc????output????
>
> VE3WEJ
> Dave Garber
> ----- Original Message -----
> From: Marty Bluhm
> To: TS-850_450_690@yahoogroups. com
> Sent: Monday, April 30, 2007 2:46 PM
> Subject: [TS-850_450_690] Looking For a Kenwood Board
>
> It looks like I have intermitt connection on the digit control board
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> X46-3080-11 which is discontinued. I've checked East Coast, RF Parts and
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> around?
>
> Thanks
> Marty
> W8AKS
>

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5903. Found One Work Around

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-04-30 21:30:40 UTC
From: Marty Bluhm
Topic: 5903 Message: 5903

Well, By reading the manual a little deeper and playing, all is not lost.
With BS7H on the air, I was afraid spilt ops were impossible. Not true. Set
up Receive on VFO A and Input TX freq into Mem 1 and put VFO B into mem.
The spilt indicator is up and it keys spilt operation, so all is not lost.
At least I can operate until I can make complete repairs.

Passing this along for general information.

73
Marty
W8AKS

5904. Re: [TS-850_450_690] Looking For a Kenwood Board

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-05-01 00:27:56 UTC
From: ve3wej gmail
Topic: 5898 Message: 5904

I dont see you hittting enter after you actually enter the freq, only before..... (or is this an oversight)

enter allows you to type the frequency, but you must hit enter again to "make it so" or make sure you add all ending zeros....

VE3WEJ
Dave Garber
----- Original Message -----
From: Marty Bluhm
To: TS-850_450_690@yahoogroups.com
Sent: Monday, April 30, 2007 4:09 PM
Subject: RE: [TS-850_450_690] Looking For a Kenwood Board

For Dave VE3WEJ:
this is what is going on. It acted up the first part of the month, so I drove to Va Beach from WV and delivered it to Kenwood service center. Stayed with my kids and got a call the next day that they could find nothing wrong with it. Picked it up and brought it home. Worked fine until Sat morning. Turned in on and tried to punch 14243 to hunt submarines and the same thing as below started again.
Driving me crazy. I've reseted the micro numerous times, disconnected power, checked the power supply voltage (13.91 volts). Only thing I havent done is pop the cover or bounce it off the walls. (That is next, 3 pointer into the dumpster). Only thing, XYL says NO MORE RADIO'S. So I guess that ended that discussion.

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Going to Vfo B TX, I get the F.Lock with the tuning locked as supposed to be.

In addition to the other key problems, I found my fm/am does not work at all. Pressing this button give me the quick memo feature with channel 1 displayed.

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5905. kenwood ts850 no transmit

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-05-01 02:03:49 UTC
From: ke8fj
Topic: 5905 Message: 5905

I am trying to repair a ts850 with no tx. The tx b line that runs to several different boards to supply several circuits with voltage im assuming around 8 volts stayss low all the time.I would like to know where this is originated from. On the schematic i see its is connected to multiple points and even goes to the front control boards. But i cant see where it starts from Help.!!!!!!! Gary.

5906. RE: [TS-850_450_690] Looking For a Kenwood Board

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-05-01 00:44:49 UTC
From: Marty Bluhm
Topic: 5898 Message: 5906

It never reaches that point. For instance, you are on 14024.00 and you want to go to 14185.00. Hit Enter (Brings up screen with dashes), put in 14 and immediately it goes back to 14024.00. If you are on 14024.00 and hit "Enter" then input 15, it comes up 12.___.__ , of course you can finish it out and add the zero's. . If you enter 125, it comes up 122 (the number right above it). Now if you enter 12 or 14 (it doesnt really matter) and input "6" as the third number you go to scan on mem chan 90 . Fun times are had by all.
i do a reset periodically hoping that the intermittent will reset it self; but I'm afraid I'm up the creek without the paddle.
Thanks for the suggestions, any and all are most welcome.
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Marty
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Sent: Tuesday, May 01, 2007 00:28
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Subject: Re: [TS-850_450_690] Looking For a Kenwood Board

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VE3WEJ
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Sent: Monday, April 30, 2007 4:09 PM
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Thanks
Marty
W8AKS

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5907. Re: kenwood ts850 no transmit

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-05-01 03:57:41 UTC
From: Clif
Topic: 5905 Message: 5907

Most likely scenario;

C1 on the Car unit has leaked and shorted the TXB line. Clean up that mess first and hope it didn't get the TRX module.

If still no TXB then find the TRX module on the IF unit. It is a small circuit board mounted vertically at the back right of the IF. Look for X59-3680. Be careful there is a 3880 also. On the TRX module check these voltages;
Rx then TX
Pin-2 0 3.2 TX line
Pin-5 0 7.8 TXB
Pin-7 8 8 Common
Pin-10 8 0 RXB

If still no go Q152 on the board is fried. You can remove the board and replace the bad transistor and hope that's all there is or you can replace the board for less than $20. Me, I always just replace the board.

Keep us posted...

Clif

--- In TS-850_450_690@yahoogroups.com, "ke8fj" <ke8fj@...> wrote:
>
> I am trying to repair a ts850 with no tx. The tx b line that runs
> to several different boards to supply several circuits with
> voltage im assuming around 8 volts stayss low all the time.I
> would like to know where this is originated from. On the schematic
> i see its is connected to multiple points and even goes to the
> front control boards. But i cant see where it starts from
> Help.!!!!!!! Gary.
>

5908. Re: kenwood ts850 no transmit

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-05-01 12:16:30 UTC
From: ve3tmt
Topic: 5905 Message: 5908

--- In TS-850_450_690@yahoogroups.com, "Clif" <clif@...> wrote:

If still no TXB then find the TRX module on the IF unit. It is a small circuit board mounted vertically at the back right of the IF. Look for X59-3680. Be careful there is a 3880 also. On the TRX module check these voltages;
Rx then TX
Pin-2 0 3.2 TX line
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If still no go Q152 on the board is fried. You can remove the board and replace the bad transistor and hope that's all there is or you can replace the board for less than $20. Me, I always just replace the board.

Exactly what happened on one of my old 850's. There was no TXB voltage anywhere. Upon inspecting the TRX board, one transistor had opened right up. Bought a new one from East Coast Transistor.

Max
VE3TMT

5911. Power cable

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-05-01 16:31:08 UTC
From: Steve
Topic: 5911 Message: 5911

What model of power cable does the 850 use? I only see one Kenwood cable on HRO site, and don't know if it is the one.

5912. Re: [TS-850_450_690] Power cable

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-05-01 16:45:13 UTC
From: eric
Topic: 5911 Message: 5912

It is the same as used for TS-2000, TS-870, TS-440, etc.

Steve wrote:
>
> What model of power cable does the 850 use? I only see one Kenwood
> cable on HRO site, and don't know if it is the one.
>
>

5914. Re: [TS-850_450_690] Power cable

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-05-01 19:55:17 UTC
From: ve3wej gmail
Topic: 5911 Message: 5914

All kenwoods use the same 6 pin

VE3WEJ
Dave Garber
----- Original Message -----
From: Steve
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, May 01, 2007 12:31 PM
Subject: [TS-850_450_690] Power cable

What model of power cable does the 850 use? I only see one Kenwood
cable on HRO site, and don't know if it is the one.

[Non-text portions of this message have been removed]

5915. Re: [TS-850_450_690] Looking For a Kenwood Board

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-05-01 19:57:52 UTC
From: ve3wej gmail
Topic: 5898 Message: 5915

Had you removed or tilted the front panel recently....could the ribbon to the head be pulled slightly????

VE3WEJ
Dave Garber
----- Original Message -----
From: Marty Bluhm
To: TS-850_450_690@yahoogroups.com
Sent: Monday, April 30, 2007 8:44 PM
Subject: RE: [TS-850_450_690] Looking For a Kenwood Board

It never reaches that point. For instance, you are on 14024.00 and you want to go to 14185.00. Hit Enter (Brings up screen with dashes), put in 14 and immediately it goes back to 14024.00. If you are on 14024.00 and hit "Enter" then input 15, it comes up 12.___.__ , of course you can finish it out and add the zero's. . If you enter 125, it comes up 122 (the number right above it). Now if you enter 12 or 14 (it doesnt really matter) and input "6" as the third number you go to scan on mem chan 90 . Fun times are had by all.
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W8AKS

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5916. RE: [TS-850_450_690] Looking For a Kenwood Board

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-05-01 22:11:53 UTC
From: Marty Bluhm
Topic: 5898 Message: 5916

You are not going to believe this! Dave, I came in from outside and read your email. Thought I would try it. As I normally have been doing since last Sat, I hit the VFO B TX button and lo and behold the SPILT indicator came on instead of the F.Lock indicator. So I punched in an freq on the keyboard and it worked. So Things are back to normal for the moment. For how long is anybody's guess. I want to thank everybody that send suggestions, they were greatly appreciated. Really means a lot to have a great support group..

Thanks again, guys and 73
Marty
W8AKS

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From: TS-850_450_690@yahoogroups.com
[mailto:TS-850_450_690@yahoogroups.com]On Behalf Of ve3wej gmail
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Sent: Monday, April 30, 2007 2:46 PM
Subject: [TS-850_450_690] Looking For a Kenwood Board

It looks like I have intermitt connection on the digit control board which is causing my controls to act up. Kenwood Service tells me I need board X46-3080-11 which is discontinued. I've checked East Coast, RF Parts and Pacific with no results. Anybody in the group know of any boards floating around?

Thanks
Marty
W8AKS

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5917. Re: [TS-850_450_690] Looking For a Kenwood Board

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-05-01 23:17:24 UTC
From: ve3wej gmail
Topic: 5898 Message: 5917

still does not explain things, thogh , does it?

VE3WEJ
Dave Garber
----- Original Message -----
From: Marty Bluhm
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, May 01, 2007 6:11 PM
Subject: RE: [TS-850_450_690] Looking For a Kenwood Board

You are not going to believe this! Dave, I came in from outside and read your email. Thought I would try it. As I normally have been doing since last Sat, I hit the VFO B TX button and lo and behold the SPILT indicator came on instead of the F.Lock indicator. So I punched in an freq on the keyboard and it worked. So Things are back to normal for the moment. For how long is anybody's guess. I want to thank everybody that send suggestions, they were greatly appreciated. Really means a lot to have a great support group..

Thanks again, guys and 73
Marty
W8AKS

-----Original Message-----
From: TS-850_450_690@yahoogroups.com
[mailto:TS-850_450_690@yahoogroups.com]On Behalf Of ve3wej gmail
Sent: Tuesday, May 01, 2007 19:58
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] Looking For a Kenwood Board

Had you removed or tilted the front panel recently....could the ribbon to the head be pulled slightly????

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Dave Garber
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To: TS-850_450_690@yahoogroups.com
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enter allows you to type the frequency, but you must hit enter again to
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The problem seems to be in the row containing the 4,5 and 6 with the
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.....most boards have bad caps on them maybe they can be replaced. if that

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what is the reason the board is suspect....alc????output????

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5918. Question regarding the RX attenuators

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-05-02 03:25:19 UTC
From: ve3tmt
Topic: 5918 Message: 5918

When I press the 6dB attenuator the received signal drops from 20 over to zero on the meter. Pressing the 12dB it only drops to 10 over. If I press the 6dB with it it again drops to zero. Possibly R2 on the RF unit is shorted to ground?

Max
VE3TMT

5919. Re: Question regarding the RX attenuators

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-05-02 05:07:26 UTC
From: Clif
Topic: 5918 Message: 5919

Think about it. R2 goes to ground. How about R1 open????

Clif

-- In TS-850_450_690@yahoogroups.com, "ve3tmt" <ve3tmt@...> wrote:
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5921. RE: [TS-850_450_690] Looking For a Kenwood Board

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-05-03 01:07:55 UTC
From: Marty Bluhm
Topic: 5898 Message: 5921

Well Dave, I think you hit the nail on the head. The radio went back to its old ways, shortly after I declared it solved (so what else is new :) However, tonight I was listening to 14185.00 (static) and thought I would try your suggestion. I had the 850 sitting on two small blocks of wood under the front feet. I cant get the feet to rotate down. Anyway, I removed the wood blocks and let the radio sit down on the desk and it started working properly. Not to get caught again, I've added/removed the blocks three times and each time it goes back and forth. Blocks under, radio goes down the tube. Blocks removed and back to normal. So your suggestion on the ribbon cable being pitched looks like a good one. Now to figger out how to get the top off and find the ribbon cable. Any ideas on that. I dont have the service manual. Would appreciate it. Dave, Cant thank you enough.

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5922. Re: Looking For a Kenwood Board

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-05-03 10:28:17 UTC
From: ve3tmt
Topic: 5898 Message: 5922

--- In TS-850_450_690@yahoogroups.com, "Marty Bluhm" <w8aks@...> wrote:

Anyway, I removed the
wood blocks and let the radio sit down on the desk and it started
working properly. Not to get caught again, I've added/removed the
blocks three times and each time it goes back and forth. Blocks under,
radio goes down the tube. Blocks removed and back to normal. So your
suggestion on the ribbon cable being pitched looks like a good one.

Marty,

Very odd that lifting the front of the radio up and down would cause
this. I would think it would be more likely some connector on the back
of the radio putting strain on the circuit board, but I can't see how
any of the connections back there would cause your symptoms. Ass for
the ribon cables, they are easy to spot. Wide flat thin connectors. No
wires are on them as they are thicks strips all coated in one package.
Pop the top cover off the radio and you will see many of them go to
the front digital board.

Max
VE3TMT

5923. FS TS-450SAT and accessories

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-05-03 16:19:27 UTC
From: Bill P.
Topic: 5923 Message: 5923

I have for sale my original TS-450SAT (ATU, 160-10 meters plus general coverage) purchased new from HRO around 1992 with the 1.9 Khz SSB filter. Very clean with 60 meters and includes the original hand Mic, mobile mounting bracket (used in the shack), DC power cable, Owners Manual and Heil HM-10 Mic CABLE without the HM-10. $575 plus shipping costs from Southern Cal.

Please respond off line. Bill K6ACJ

5924. Re: [TS-850_450_690] Looking For a Kenwood Board

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-05-03 22:34:30 UTC
From: ve3wej gmail
Topic: 5898 Message: 5924

Service manual is available online.......

http://home.cogeco.ca/~ve3smu/

right click and select "save as"

VE3WEJ
Dave Garber
----- Original Message -----
From: Marty Bluhm
To: TS-850_450_690@yahoogroups.com
Sent: Wednesday, May 02, 2007 9:07 PM
Subject: RE: [TS-850_450_690] Looking For a Kenwood Board

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5925. RE: [TS-850_450_690] Looking For a Kenwood Board

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-05-03 22:45:41 UTC
From: Marty Bluhm
Topic: 5898 Message: 5925

Got it downloaded. Thanks a lot, appreciate it.
73
Marty
W8AKS

-----Original Message-----
From: TS-850_450_690@yahoogroups.com
[mailto:TS-850_450_690@yahoogroups.com]On Behalf Of ve3wej gmail
Sent: Thursday, May 03, 2007 22:35
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] Looking For a Kenwood Board

Service manual is available online.......

http://home.cogeco.ca/~ve3smu/

right click and select "save as"

VE3WEJ
Dave Garber
----- Original Message -----
From: Marty Bluhm
To: TS-850_450_690@yahoogroups.com
Sent: Wednesday, May 02, 2007 9:07 PM
Subject: RE: [TS-850_450_690] Looking For a Kenwood Board

Well Dave, I think you hit the nail on the head. The radio went back to
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and each time it goes back and forth. Blocks under, radio goes down the
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cable being pitched looks like a good one. Now to figger out how to get
the
top off and find the ribbon cable. Any ideas on that. I dont have the
service manual. Would appreciate it. Dave, Cant thank you enough.

73
Marty
W8AKS

-----Original Message-----
From: TS-850_450_690@yahoogroups.com
[mailto:TS-850_450_690@yahoogroups.com]On Behalf Of ve3wej gmail
Sent: Tuesday, May 01, 2007 23:17
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] Looking For a Kenwood Board

still does not explain things, thogh , does it?

VE3WEJ
Dave Garber
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From: Marty Bluhm
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, May 01, 2007 6:11 PM
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From: TS-850_450_690@yahoogroups.com
[mailto:TS-850_450_690@yahoogroups.com]On Behalf Of ve3wej gmail
Sent: Tuesday, May 01, 2007 19:58
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] Looking For a Kenwood Board

Had you removed or tilted the front panel recently....could the ribbon to
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VE3WEJ
Dave Garber
----- Original Message -----
From: Marty Bluhm
To: TS-850_450_690@yahoogroups.com
Sent: Monday, April 30, 2007 8:44 PM
Subject: RE: [TS-850_450_690] Looking For a Kenwood Board

It never reaches that point. For instance, you are on 14024.00 and you
want

to go to 14185.00. Hit Enter (Brings up screen with dashes), put in 14 and immediately it goes back to 14024.00. If you are on 14024.00 and hit "Enter"
then input 15, it comes up 12.___.__ , of course you can finish it out and add the zero's. . If you enter 125, it comes up 122 (the number right above
it). Now if you enter 12 or 14 (it doesnt really matter) and input "6" as the third number you go to scan on mem chan 90 . Fun times are had by all. i do a reset periodically hoping that the intermittent will reset it self; but I'm afraid I'm up the creek without the paddle.
Thanks for the suggestions, any and all are most welcome.
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W8AKS

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From: TS-850_450_690@yahoogroups.com
[mailto:TS-850_450_690@yahoogroups.com]On Behalf Of ve3wej gmail
Sent: Tuesday, May 01, 2007 00:28
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] Looking For a Kenwood Board

I dont see you hittting enter after you actually enter the freq, only before..... (or is this an oversight)

enter allows you to type the frequency, but you must hit enter again to "make it so" or make sure you add all ending zeros....

VE3WEJ
Dave Garber
----- Original Message -----
From: Marty Bluhm
To: TS-850_450_690@yahoogroups.com
Sent: Monday, April 30, 2007 4:09 PM
Subject: RE: [TS-850_450_690] Looking For a Kenwood Board

For Dave VE3WEJ:
this is what is going on. It acted up the first part of the month, so I drove to Va Beach from WV and delivered it to Kenwood service center. Stayed
with my kids and got a call the next day that they could find nothing wrong
with it. Picked it up and brought it home. Worked fine until Sat morning. Turned in on and tried to punch 14243 to hunt submarines and the same thing
as below started again.
Driving me crazy. I've reseted the micro numerous times, disconnected power,
checked the power supply voltage (13.91 volts). Only thing I havent done is
pop the cover or bounce it off the walls. (That is next, 3 pointer into

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Hopefully, I can get some ideas from the group or a new board.

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When I try to enter a freq on the keypad, it reverts to the previous freq.
For example:

Freq 21125
Ent
14087.00, it reverts back to 21125.

If I try to enter 15000.00, it reverts back to 12.(blank)

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to
Steve at Kenwood Service Center that is all they did.

If I right click on a 14khz freq off the cluster, it goes right to it. If
I
try and enter another 14khz freq on the keypad, it reverts back to freq
taken from the cluster i.e. 14.268.70, try to enter 14.087.00 from the
keypad, you can enter the first two digits and it reverts back to
14.268.70.

The problem seems to be in the row containing the 4,5 and 6 with the
rec-1,
rec-2 and rec-3. I can enter freqs via the keypad with numbers in the
first
and last row (1,2,3 and 7,8,9)

Also, if I go to VFO B receivemy 1mh icon comes on and doesnt not change
in
the 1mhz range, if I go to vfo b tx the flock comes on and locks the
display.
Going to Vfo B TX, I get the F.Lock with the tuning locked as supposed to
be.

In addition to the other key problems, I found my fm/am does not work at
all. Pressing this button give me the quick memo feature with channel 1
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From: TS-850_450_690@yahoogroups.com
[mailto:TS-850_450_690@yahoogroups.com]On Behalf Of ve3wej gmail
Sent: Monday, April 30, 2007 19:46
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] Looking For a Kenwood Board

read the service letters..and previous posts
.....most boards have bad caps on them maybe they can be replaced. if that is why.

what is the reason the board is suspect....alc????output????

VE3WEJ
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Subject: [TS-850_450_690] Looking For a Kenwood Board

It looks like I have intermitt connection on the digit control board which is causing my controls to act up. Kenwood Service tells me I need board X46-3080-11 which is discontinued. I've checked East Coast, RF Parts and Pacific with no results. Anybody in the group know of any boards floating around?

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5926. Re: [TS-850_450_690] Looking For a Kenwood Board

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-05-04 18:58:06 UTC
From: ve3wej gmail
Topic: 5898 Message: 5926

ok...anybody else grabbing it, or can I delete it ?????

VE3WEJ
Dave Garber
----- Original Message -----
From: Marty Bluhm
To: TS-850_450_690@yahoogroups.com
Sent: Thursday, May 03, 2007 6:45 PM
Subject: RE: [TS-850_450_690] Looking For a Kenwood Board

Got it downloaded. Thanks a lot, appreciate it.
73
Marty
W8AKS

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5927. Re: [TS-850_450_690] Looking For a Kenwood Board

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-05-04 19:41:19 UTC
From: Zack Widup
Topic: 5898 Message: 5927

I just grabbed it. Thanks!

73, Zack W9SZ

On Fri, 4 May 2007, ve3wej gmail wrote:

> ok...anybody else grabbing it, or can I delete it ?????
>
> VE3WEJ
> Dave Garber

5928. Re: Looking For a Kenwood Board

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-05-04 20:42:37 UTC
From: ve3tmt
Topic: 5898 Message: 5928

--- In TS-850_450_690@yahoogroups.com, "ve3wej gmail" <ve3wej@...> wrote:
>
> ok...anybody else grabbing it, or can I delete it ?????
>
> VE3WEJ
> Dave Garber

The service manual is also available here including full board scans
and parts locations:

http://www.wz5q.net/index/manuals.htm

Max
VE3TMT

5929. Antenna help

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-05-06 08:46:18 UTC
From: Paul Spiteri
Topic: 3747 Message: 5929

Hi Everybody,
I have an EXP-14 from Hy-Gain with the 40 Mtr kit on it. I am going to buy a D3W rotateable dipole for 12-17-30 Mtrs.
My question is this :-
I am going to put the D3W like 3 feet up of the EXP-14.
How can I install the D3W ? on the EXP-14 driven element (zero degrees) or on the boom (plus 90 degrees). Hope you understand.
Thank you for any help. I am just asking cause I think that someone here allready passed from this situation. Also I'm afraid of the SWR and no good performance of the two antennas.

73's de'
9H1SP
Paul
www.9h1sp.com

[Non-text portions of this message have been removed]

5930. Re: Antenna help

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-05-06 14:08:42 UTC
From: ve3tmt
Topic: 3747 Message: 5930

Try posting to one of the antenna forums, you might get an answer there.

5931. Re: [TS-850_450_690] Antenna help

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-05-06 14:35:23 UTC
From: crownhaven
Topic: 3747 Message: 5931

I have a D3W and a Force 12 C3E. I also have other VHF horizontal antennas on my mast which extends 18' out of my Rohn 45 tower. The C3E and the D3W are about 12' apart. If you can only separate the two by three feet, why not just turn it 90 degrees to be safe??????

BTW, the D3W plays VERY well, especially on 30 meters. I never thought being able to rotate a dipole would make such a difference. It blows away an inverted vee on 30 meter mounted just below it. There isn't much on the air I can't work with it.

Steve, N4JQQ

Paul Spiteri wrote:

> Hi Everybody,
> I have an EXP-14 from Hy-Gain with the 40 Mtr kit on it. I am going to
> buy a D3W rotateable dipole for 12-17-30 Mtrs.
> My question is this :-
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> How can I install the D3W ? on the EXP-14 driven element (zero
> degrees) or on the boom (plus 90 degrees). Hope you understand.
> Thank you for any help. I am just asking cause I think that someone
> here allready passed from this situation. Also I'm afraid of the SWR
> and no good performance of the two antennas.
>
> 73's de'
> 9H1SP
> Paul
> www.9h1sp.com
>
> [Non-text portions of this message have been removed]
>
>

5932. Re: [TS-850_450_690] Antenna help

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-05-06 14:36:24 UTC
From: crownhaven
Topic: 3747 Message: 5932

BTW, my wife is taking a group of students to Malta this summer!!!!!

Steve, N4JQQ

Paul Spiteri wrote:

> Hi Everybody,
> I have an EXP-14 from Hy-Gain with the 40 Mtr kit on it. I am going to
> buy a D3W rotateable dipole for 12-17-30 Mtrs.
> My question is this :-
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> and no good performance of the two antennas.
>
> 73's de'
> 9H1SP
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> www.9h1sp.com
>
> [Non-text portions of this message have been removed]
>
>

5933. Re: {Disarmed} Re: [TS-850_450_690] Antenna help

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-05-06 18:09:31 UTC
From: Paul Spiteri
Topic: 5933 Message: 5933

Hi Steve,
Thanks for your reply. I think better make it 90 deg of the EXP-14. Thanks again, Btw if your wife want some help please let me know, I try to do my very best to help you. just e-mail me private.
73's de'
9H1SP
Paul
----- Original Message -----
From: crownhaven
To: TS-850_450_690@yahoogroups.com
Sent: Sunday, May 06, 2007 4:36 PM
Subject: {Disarmed} Re: [TS-850_450_690] Antenna help

BTW, my wife is taking a group of students to Malta this summer!!!!!

Steve, N4JQQ

Paul Spiteri wrote:

> Hi Everybody,
> I have an EXP-14 from Hy-Gain with the 40 Mtr kit on it. I am going to
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> [Non-text portions of this message have been removed]
>
>

--
This message has been scanned for viruses and
dangerous content by MailScanner, and is
believed to be clean.

[Non-text portions of this message have been removed]

5934. MC-60A Mic partss

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-05-09 05:14:11 UTC
From: bigfork04
Topic: 5934 Message: 5934

I need to replace the P.T.T. switches on my MC-60A mic base. There are three of them. Two for the P.T.T. button and one for the Lock button. Does anybody now where I can find some. I don't have a part number as there is not one on the schematic. Any help would be appreciated.

Jim\KL1NJ

5935. 74LS145 N or P version ?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-05-09 18:56:02 UTC
From: Joe
Topic: 5935 Message: 5935

Hi
some threads here have a workaround for problems caused by the 74LS145 chip. In my service manual 74LS145N is listed, my local parts dealer only have 74LS145P version, is the a difference. Would the P version also work in 850 SAT?
73 Joe

5936. TS-450S RX Audio Distorted

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-05-10 11:46:38 UTC
From: John
Topic: 5936 Message: 5936

Hello Group,

I have been working on a TS-450 that intermittently had very garbled or distorted RX audio. When I finally got it act up for awhile, I found the adjustment voltage for VCO2 was low (3.3 volts). After re-adjustment the problem went away, only to return about a week later. This radio has the later version DDS chips. Is the VCO2 trimmer cap the most likely suspect?? How does it act when it goes bad?? Thanks for any info.

73, John, K9KA

5937. Re: TS-450S RX Audio Distorted

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-05-10 16:09:18 UTC
From: Clif
Topic: 5936 Message: 5937

That's exactly the way a bad trimmer acts. Just replace it with a nice ceramic one. The plastic ones didn't like the cleaning they got when the board was finished at the factory. Use a 10pf, Mouser has them for abt a buck...

Clif

--- In TS-850_450_690@yahoogroups.com, "John" <k9ka@...> wrote:
>
> Hello Group,
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> the adjustment voltage for VCO2 was low (3.3 volts). After re-
> adjustment the problem went away, only to return about a week later.
> This radio has the later version DDS chips. Is the VCO2 trimmer cap
> the most likely suspect?? How does it act when it goes bad?? Thanks
> for any info.
>
> 73, John, K9KA
>

5938. Re: 74LS145 N or P version ?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-05-10 16:10:07 UTC
From: Clif
Topic: 5935 Message: 5938

It will work just fine.

Clif

--- In TS-850_450_690@yahoogroups.com, "Joe" <oe3jtb@...> wrote:
>
> Hi
> some threads here have a workaround for problems caused by the 74LS145
> chip. In my service manual 74LS145N is listed, my local parts dealer
> only have 74LS145P version, is the a difference. Would the P version
> also work in 850 SAT?
> 73 Joe
>

5939. Re: MC-60A Mic partss

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-05-10 16:37:54 UTC
From: Clif
Topic: 5934 Message: 5939

I added the parts list for the MC60 under Files:MC60a

Clif

--- In TS-850_450_690@yahoogroups.com, "bigfork04" <bigfork04@...> wrote:
>
> I need to replace the P.T.T. switches on my MC-60A mic base. There are
> three of them. Two for the P.T.T. button and one for the Lock button.
> Does anybody now where I can find some. I don't have a part number as
> there is not one on the schematic. Any help would be appreciated.
>
> Jim\KL1NJ
>

5940. Re: [TS-850_450_690] Re: TS-450S RX Audio Distorted

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-05-10 17:50:11 UTC
From: Zack Widup
Topic: 5936 Message: 5940

Plastic trimmers have their place; I have learned the hard way that their place is NOT any sort of frequency-tuning or trimming circuit. They're fine for doublers and amps.

73, Zack W9SZ

On Thu, 10 May 2007, Clif wrote:

> That's exactly the way a bad trimmer acts. Just replace it with a nice
> ceramic one. The plastic ones didn't like the cleaning they got when
> the board was finished at the factory. Use a 10pf, Mouser has them for
> abt a buck...
>
> Clif
>
>
> --- In TS-850_450_690@yahoogroups.com, "John" <k9ka@...> wrote:
> >
> > Hello Group,
> >
> > I have been working on a TS-450 that intermittently had very garbled or
> > distorted RX audio. When I finally got it act up for awhile, I found
> > the adjustment voltage for VCO2 was low (3.3 volts). After re-
> > adjustment the problem went away, only to return about a week later.
> > This radio has the later version DDS chips. Is the VCO2 trimmer cap
> > the most likely suspect?? How does it act when it goes bad?? Thanks
> > for any info.
> >
> > 73, John, K9KA
> >
>
>
>

5941. Distorted RX audio

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-05-11 08:39:33 UTC
From: Jocelyn Navarro
Topic: 5941 Message: 5941

This is KNOWN problem: for your information, TX audio is ALSO distorted.The only way to solve it is to replace the variable capacitor by a piston type. This is a delicate operation but resolve the issue forever. I made this on my 850 (same problem and same solution) and now it works fine whatever temperature in the shack is.Before, adjusting VCO voltage will solve the problem only for a limited time (minutes) and temperature range.You can find additional information here:http://n6tr.jzap.com/vco2.jpghttp://n6tr.jzap.com/pll2.jpghttp://n6tr.jzap.com/850repair.html (on this page search for 'raspy signals on some bands')This is definitely the solution.73's fm Joss, F6IQA

_____
Explore the seven wonders of the world
http://search.msn.com/results.aspx?q=7+wonders+world&mkt=en-US&form=QBRE

[Non-text portions of this message have been removed]

5942. My TS-850 on ebay. Lots of options.

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-05-14 11:07:24 UTC
From: Zack
Topic: 5942 Message: 5942

http://cgi.ebay.com/Kenwood-TS-850SAT-IF-232C-SO-2-RM-1-3-Filters-More_W0QQitemZ150122262100QQihZ005QQcategoryZ40067QQssPageNameZWDVWQQrdZ1QQcmdZViewItem

Up for bid is my beloved TS-850SAT. I recently purchased a FlexRadio SDR-1000 and the XYL says that I have no need for two HF rigs so this one must go!

It has only been in a non-smoking environment. The serial number is 30500399. It puts out a full 100 watts on all bands. Sorry for the poor picture of the meter showing this! The rig is in very nice condition and has been well cared for. The only the things wrong are the following; the door that goes over the DRU-2 has one of the two latches broken. However the door closes just fine. Unless you are able to find a Kenwood VS-2 voice synthesizer (and good luck finding one of those!) you will never have a need to open that door. There are a few small paint nicks on the top cover and a scratch. On the other hand the display is clear and bright. The rig is sold as is but is fully functional and works great. You will not be disappointed!

Equipment included in the auction are the following items:
Kenwood TS-850SAT HF rig. It has been modified to transmit on 60 metres.
Kenwood AT-850 internal antenna tuner unit - installed.
Kenwood DRU-2 internal digital recording unit voice memory unit - installed.
Kenwood SO-2 TCXO temperature compensated crystal oscillator - installed.
Kenwood RM-1 remote function keyboard & box.
Kenwood MC-43S hand held microphone.
Kenwood IF-232C computer interface unit. (Interface cable not included but I included 3 DIN plugs to make your own.)
Kenwood PG-2Z 2 metre DC power cable.
Kenwood YK-88C-1 500hz CW filter 8.83 MHz IF - installed.
Kenwood YG-455C-1 500hz CW filter 455 kHz IF ☐ installed..
Inrad 1.8kHz 8830 SSB filter 8.83 MHz IF (installed).
Heil Proset 5 with the HC-5 microphone element.
Heil AD-1-K adapter to connect the Proset 5 to the TS-850SAT.
Downeast Microwave TIB850 and cables - lets you easily connect a transverter to the rig http://www.downeastmicrowave.com/cat-frame.htm
Finger Dimple tuning aid
http://www.fingerdimple.com/_mgxroot/page_10730.html
After market heavy DC power cable with fuses and Kenwood DC

connector.
3 Kenwood 12 pin DIN plugs for wiring accessories part KE07-1351-05
2 6 pin DIN plugs for wiring the IF-232C
1 small DC plug to provide DC to the IF-232C

Literature included with the rig are the following items:
Kenwood original colour sales brochure (original, very rare item)
Kenwood manual in a binder (rough shape)
Kenwood manual copy with all foldouts!
Kenwood RM-1 manual
Kenwood IF-232 manual (copy)
Heil Proset manual
ARRL QST review of the TS-850
DEMI TIB850CK manual

The following modifications have been performed on the rig by Cliff at Avvid in 2003. http://www.avvid.com/ The receipt is included.
Replaced the memory battery.
Modified the rig for all band TX (60 metres!)
Installed the Kenwood SO-2 TCXO and calibrated the rig.
Performed the tuner modification.
Performed the noise blanker modification.
Performed the DRU-2 modification.
Performed the CW modification.
Added separate RX & TX connections (see rear photo closeup)
Aligned the rig.
If you would like to know more about the above modifications please see http://tk5ep.free.fr/tech/ts850/en/ts850_g.php

Last month the display started acting strange. I sent it once again to Cliff and he found that a cap on the CAR unit had gone bad. He replaced all of the SMD capacitors on the CAR unit. The receipt is included.

73
Zack
N8FNR

5943. Re: [TS-850_450_690] My TS-850 on ebay. Lots of options.

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-05-14 11:21:24 UTC
From: Brian K. Gaskamp
Topic: 5942 Message: 5943

The link doesn't work, guess I have to put the item in manually.

Brian
----- Original Message -----
From: Zack
To: TS-850_450_690@yahoogroups.com
Sent: Monday, May 14, 2007 6:07 AM
Subject: [TS-850_450_690] My TS-850 on ebay. Lots of options.

http://cgi.ebay.com/Kenwood-TS-850SAT-IF-232C-SO-2-RM-1-3-Filters-More_W0QQitemZ150122262100QQihZ005QQcategoryZ40067QQssPageNameZWDVWQQrdZ1QQcmdZViewItem

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Kenwood RM-1 remote function keyboard & box.
Kenwood MC-43S hand held microphone.
Kenwood IF-232C computer interface unit. (Interface cable not included but I included 3 DIN plugs to make your own.)
Kenwood PG-2Z 2 metre DC power cable.
Kenwood YK-88C-1 500hz CW filter 8.83 MHz IF - installed.
Kenwood YG-455C-1 500hz CW filter 455 kHz IF - installed..
Inrad 1.8kHz 8830 SSB filter 8.83 MHz IF (installed).

Heil Proset 5 with the HC-5 microphone element.
Heil AD-1-K adapter to connect the Proset 5 to the TS-850SAT.
Downeast Microwave TIB850 and cables - lets you easily connect a transverter to the rig http://www.downeastmicrowave.com/cat-frame.htm
Finger Dimple tuning aid
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3 Kenwood 12 pin DIN plugs for wiring accessories part KE07-1351-05
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Last month the display started acting strange. I sent it once again to Cliff and he found that a cap on the CAR unit had gone bad. He replaced all of the SMD capacitors on the CAR unit. The receipt is included.

73
Zack
N8FNR

[Non-text portions of this message have been removed]

5944. Re: [TS-850_450_690] My TS-850 on ebay. Lots of options.

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-05-14 20:12:56 UTC
From: ve3wej gmail
Topic: 5942 Message: 5944

just send the item number, not the url.....the item number can be pasted in to the search box on ebay site, and we will find it.

VE3WEJ
Dave Garber
----- Original Message -----
From: Brian K. Gaskamp
To: TS-850_450_690@yahoogroups.com
Sent: Monday, May 14, 2007 7:21 AM
Subject: Re: [TS-850_450_690] My TS-850 on ebay. Lots of options.

The link doesn't work, guess I have to put the item in manually.

Brian
----- Original Message -----
From: Zack
To: TS-850_450_690@yahoogroups.com
Sent: Monday, May 14, 2007 6:07 AM
Subject: [TS-850_450_690] My TS-850 on ebay. Lots of options.

http://cgi.ebay.com/Kenwood-TS-850SAT-IF-232C-SO-2-RM-1-3-Filters-More_W0QQitemZ150122262100QQihZ005QQcategoryZ40067QQssPageNameZWDVWQQrdZ1QQcmdZViewItem

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Kenwood YK-88C-1 500hz CW filter 8.83 MHz IF - installed.
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Inrad 1.8kHz 8830 SSB filter 8.83 MHz IF (installed).
Heil Proset 5 with the HC-5 microphone element.
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Downeast Microwave TIB850 and cables - lets you easily connect a transverter to the rig http://www.downeastmicrowave.com/cat-frame.htm
Finger Dimple tuning aid
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73
Zack
N8FNR

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

5945. TS-850 owners manual and service manual for sale

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-05-15 00:13:58 UTC
From: WW3S
Topic: 5945 Message: 5945

Like new, reprints by W7FG, complete with schematicsm etc, all the foldouts....detials at www.w7fg.com

Owners guide 10.00 plus 5.00 postage

Service Manual 25.00 plus 5.00

Both for 30.00 plus 5.00
reply direct please

5946. My TS-850 on ebay

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-05-15 15:01:16 UTC
From: Zack
Topic: 5946 Message: 5946

The ebay item number is

150122262100

If you have any questions about the sale feel free to contact me.

73
Zack Schindler
N8FNR

5947. Antenna tuner problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-05-17 03:47:25 UTC
From: Tom Osborne
Topic: 5947 Message: 5947

Hi All

My TS-450SAT's antenna tuner seems to be kinda flaky. If I set it to manual, I can tune the antenna fine, but when I switch to automatic, it doesn't tune right. I can hear the motor turning and the SWR indicator goes up and down, but just never stops tuning. Any ideas where to start looking?
Thanks and 73
Tom W7WHY

5948. Re: Antenna tuner problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-05-17 10:55:25 UTC
From: ve3tmt
Topic: 5947 Message: 5948

--- In TS-850_450_690@yahoogroups.com, "Tom Osborne" <w7why@...> wrote:
>
> Hi All
>
> My TS-450SAT's antenna tuner seems to be kinda flaky. If I set it to
> manual, I can tune the antenna fine, but when I switch to automatic, it
> doesn't tune right. I can hear the motor turning and the SWR
indicator goes
> up and down, but just never stops tuning. Any ideas where to start
looking?
> Thanks and 73
> Tom W7WHY
>

Tom,

First check your carrier level. Second, look through the manual to see
if there is a menu item to select AT non-stop mode. On the 850, if
this is in the worng state, the tuner will never stop tuning. Just
thinking the 450 may have a similar setting??

Max
VE3TMT

5949. Re: [TS-850_450_690] Antenna tuner problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-05-17 12:55:45 UTC
From: crownhaven
Topic: 5947 Message: 5949

What are you trying to tune??????? The internal tuner won't tune your gutter. It was designed to flatten out the SWR on a fairly resonant antenna.

Tom Osborne wrote:

> Hi All
>
> My TS-450SAT's antenna tuner seems to be kinda flaky. If I set it to
> manual, I can tune the antenna fine, but when I switch to automatic, it
> doesn't tune right. I can hear the motor turning and the SWR indicator
> goes
> up and down, but just never stops tuning. Any ideas where to start
> looking?
> Thanks and 73
> Tom W7WHY
>
>

5950. Re: Antenna tuner problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-05-17 13:12:10 UTC
From: ve3tmt
Topic: 5947 Message: 5950

--- In TS-850_450_690@yahoogroups.com, crownhaven <crownhaven@...> wrote:
>
> What are you trying to tune??????? The internal tuner won't tune your
> gutter. It was designed to flatten out the SWR on a fairly resonant
> antenna.
>
> Tom Osborne wrote:
>
> > Hi All
> >
> > My TS-450SAT's antenna tuner seems to be kinda flaky. If I set it to
> > manual, I can tune the antenna fine, but when I switch to
automatic, it
> > doesn't tune right. I can hear the motor turning and the SWR
indicator
> > goes
> > up and down, but just never stops tuning. Any ideas where to start
> > looking?
> > Thanks and 73
> > Tom W7WHY

If the internal tuner can not achieve a reasonable SWR in a certain period of time, the radio emits a series of beeps and stops the tuning process. I don't think this is what is happening in his case. One thing I have found is if the carrier level is set too low the tuner will not stop. Also as I mentioned on the 850 there is a menu item that disable the tuner to stop if it achieves a match, i.e. it will just keep tuning until you release the tune button. I do not know if the 450 has this same menu setting but it might be worth a look.

Max

5951. Re: [TS-850_450_690] Re: Antenna tuner problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-05-17 14:28:07 UTC
From: José Corino
Topic: 5947 Message: 5951

Might be low carrier.
Jos? - PY4WWW

----- Original Message -----
From: "ve3tmt" <ve3tmt@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Thursday, May 17, 2007 10:12 AM
Subject: [TS-850_450_690] Re: Antenna tuner problem

> --- In TS-850_450_690@yahoogroups.com, crownhaven <crownhaven@...> wrote:
>>
>> What are you trying to tune??????? The internal tuner won't tune your
>> gutter. It was designed to flatten out the SWR on a fairly resonant
>> antenna.
>>
>> Tom Osborne wrote:
>>
>> > Hi All
>> >
>> > My TS-450SAT's antenna tuner seems to be kinda flaky. If I set it to
>> > manual, I can tune the antenna fine, but when I switch to
> automatic, it
>> > doesn't tune right. I can hear the motor turning and the SWR
> indicator
>> > goes
>> > up and down, but just never stops tuning. Any ideas where to start
>> > looking?
>> > Thanks and 73
>> > Tom W7WHY
>
> If the internal tuner can not achieve a reasonable SWR in a certain
> period of time, the radio emits a series of beeps and stops the tuning
> process. I don't think this is what is happening in his case. One
> thing I have found is if the carrier level is set too low the tuner
> will not stop. Also as I mentioned on the 850 there is a menu item
> that disable the tuner to stop if it achieves a match, i.e. it will
> just keep tuning until you release the tune button. I do not know if
> the 450 has this same menu setting but it might be worth a look.
>
> Max
>
>
>
>
> THANKS FOR USING TS-850_450_690@...

> Yahoo! Groups Links
>
>
>

5952. Re: [TS-850_450_690] Re: Antenna tuner problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-05-18 00:38:33 UTC
From: Tom Osborne
Topic: 5947 Message: 5952

Hi Max

No, there's not a setting for that. There is one to turn the tuner on or off, but that's all. I have 2 of the '450SAT's here and the good one will tune an antenna in just a few seconds. I even tried it last night, tuning my 80 meter dipole on 40 and it tuned it right quick.

On the bad one, I tried to tune my 80 meter vertical, which is cut for 3.550 on 3900 and it wouldn't tune. The SWR indicator would go way down, and I thought it would quit, but then it would go right back up again.

On manual, it tunes fine. 73

Tom W7WHY

> Tom,
>
> First check your carrier level. Second, look through the manual to see
> if there is a menu item to select AT non-stop mode. On the 850, if
> this is in the worng state, the tuner will never stop tuning. Just
> thinking the 450 may have a similar setting??
>
> Max
> VE3TMT
>
>
>
> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
>
>
>
>

5953. Re: [TS-850_450_690] Re: Antenna tuner problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-05-18 00:40:56 UTC
From: Tom Osborne
Topic: 5947 Message: 5953

Hi Max.

Yes, it does emit the beeps when on too long. I also tried tuning with the carrier level up or down. Samo samo. 73
Tom W7WHY

>
> If the internal tuner can not achieve a reasonable SWR in a certain
> period of time, the radio emits a series of beeps and stops the tuning
> process. I don't think this is what is happening in his case. One
> thing I have found is if the carrier level is set too low the tuner
> will not stop. Also as I mentioned on the 850 there is a menu item
> that disable the tuner to stop if it achieves a match, i.e. it will
> just keep tuning until you release the tune button. I do not know if
> the 450 has this same menu setting but it might be worth a look.
>
> Max
>
>
>
>
> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
>
>
>
>

5954. Re: [TS-850_450_690] Re: Antenna tuner problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-05-18 00:47:52 UTC
From: Tom Osborne
Topic: 5947 Message: 5954

I was trying to tune an 80 meter vertical cut for CW on the SSB part of the band.
Tom W7WHY

>What are you trying to tune??????? The internal tuner won't tune your
>gutter. It was designed to flatten out the SWR on a fairly resonant
>antenna.

5955. Re: [TS-850_450_690] Re: Antenna tuner problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-05-18 01:32:43 UTC
From: crownhaven
Topic: 5947 Message: 5955

Sounds like that isn't the problem then as we already know. Good luck figuring it out. Clif at Avvid Electronics is the man if you have to send it in for service.

Tom Osborne wrote:

> I was trying to tune an 80 meter vertical cut for CW on the SSB part
> of the
> band.
> Tom W7WHY
>
> >What are you trying to tune??????? The internal tuner won't tune your
> >gutter. It was designed to flatten out the SWR on a fairly resonant
> >antenna.
>
>

5956. Re: Antenna tuner problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-05-18 01:31:50 UTC
From: Clif
Topic: 5947 Message: 5956

It doesn't have the range for that, 3-1 max is all it will tune. Turn off the tuner and see what the internal SWR meter shows the SWR to be, probably close to 10-1.

Clif

--- In TS-850_450_690@yahoogroups.com, "Tom Osborne" <w7why@...> wrote:
>
> I was trying to tune an 80 meter vertical cut for CW on the SSB part of the
> band.
> Tom W7WHY
>
>
> >What are you trying to tune??????? The internal tuner won't tune your
> >gutter. It was designed to flatten out the SWR on a fairly resonant
> >antenna.
>

5957. Re: [TS-850_450_690] Re: Antenna tuner problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-05-18 01:39:02 UTC
From: crownhaven
Topic: 5947 Message: 5957

Ooooooops.....I stand corrected! I have a story about the TS-450S/AT tuner. A friend of mine used mine in C6 for a CW contest. He was able, somehow, to tune my 40 meter dipole to operate on 80 meters. Well, that didn't last very long. Fried the tuner and I had to buy a new one. I learned my lesson. If you need a real match, get one. I use mine to tune the input between the transceiver and my amp. That is about it.

Clif wrote:

> It doesn't have the range for that, 3-1 max is all it will tune. Turn
> off the tuner and see what the internal SWR meter shows the SWR to be,
> probably close to 10-1.
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>, "Tom Osborne" <w7why@...>
> wrote:
> >
> > I was trying to tune an 80 meter vertical cut for CW on the SSB part
> of the
> > band.
> > Tom W7WHY
> >
> >
> > >What are you trying to tune??????? The internal tuner won't tune your
> > >gutter. It was designed to flatten out the SWR on a fairly resonant
> > >antenna.
> >
>
>

5958. Re: [TS-850_450_690] Re: Antenna tuner problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-05-18 02:00:51 UTC
From: Tom Osborne
Topic: 5947 Message: 5958

Hi Clif

Is there a difference tuning in the manual mode and the auto mode on these tuners? I seem to be able to tune the SWR down with the manual mode.
Thanks and 73
Tom W7WHY

> It doesn't have the range for that, 3-1 max is all it will tune. Turn
> off the tuner and see what the internal SWR meter shows the SWR to be,
> probably close to 10-1.
>
> Clif
>
>
> --- In TS-850_450_690@yahoogroups.com, "Tom Osborne" <w7why@...> wrote:
>>
>> I was trying to tune an 80 meter vertical cut for CW on the SSB part
> of the
>> band.
>> Tom W7WHY
>>
>>
>> >What are you trying to tune??????? The internal tuner won't tune your
>> >gutter. It was designed to flatten out the SWR on a fairly resonant
>> >antenna.

5959. Re: [TS-850_450_690] Re: Antenna tuner problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-05-18 01:58:13 UTC
From: John Geiger
Topic: 5947 Message: 5959

I have found that the internal tuner will tune in a
much larger range that than. It has tuned most
antennas I have thrown at. Tunes my HQ-1 miniquad on
12 and 17, where it isn't resonant, and will tune my
homebrew G5RV type dipole on all bands 80-10. Most of
the newer internal tuners would not tune this antenna
on 40 and 80. THis is one of the best internal tuners
out there, which is one reason I went looking for a
TS690SAT.

73s John W5TD

--- Clif <clif@...> wrote:

> It doesn't have the range for that, 3-1 max is all
> it will tune. Turn
> off the tuner and see what the internal SWR meter
> shows the SWR to be,
> probably close to 10-1.
>
> Clif
>
>
> --- In TS-850_450_690@yahoogroups.com, "Tom Osborne"
> <w7why@...> wrote:
> >
> > I was trying to tune an 80 meter vertical cut for
> CW on the SSB part
> of the
> > band.
> > Tom W7WHY
> >
> >
> > >What are you trying to tune??????? The internal
> tuner won't tune your
> > >gutter. It was designed to flatten out the SWR
> on a fairly resonant
> > >antenna.
> >
>
>
>

_____You
snooze, you lose. Get messages ASAP with AutoCheck
in the all-new Yahoo! Mail Beta.

http://advision.webevents.yahoo.com/mailbeta/newmail_html.html

5960. Re: Antenna tuner problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-05-18 14:17:29 UTC
From: n5kzw
Topic: 5947 Message: 5960

Tom, I had the same problem on one of my 450's on 20M. It would tune manually, but it would not auto-tune. The problem turned out to be a stuck relay on the filter unit. When I pulled a couple of relays to check them, they all tested good. When I put the radio back together, everything started working and it hasn't acted up since. My father-in-law had fussed with this problem for several years before he gave the rig to me.

Try rapping on the relays with the handle of a screwdriver and see if that clears up the problem. If that doesn't work, start pulling them.

Regards,
Ed
--- In TS-850_450_690@yahoogroups.com, "Tom Osborne" <w7why@...> wrote:
>
> Hi Max.
>
> Yes, it does emit the beeps when on too long. I also tried tuning
with the
> carrier level up or down. Samo samo. 73
> Tom W7WHY
>
>
> >
> > If the internal tuner can not achieve a reasonable SWR in a certain
> > period of time, the radio emits a series of beeps and stops the tuning
> > process. I don't think this is what is happening in his case. One
> > thing I have found is if the carrier level is set too low the tuner
> > will not stop. Also as I mentioned on the 850 there is a menu item
> > that disable the tuner to stop if it achieves a match, i.e. it will
> > just keep tuning until you release the tune button. I do not know if
> > the 450 has this same menu setting but it might be worth a look.
> >
> > Max
> >
> >
> >
> >
> > THANKS FOR USING TS-850_450_690@...
> > Yahoo! Groups Links
> >
> >
> >
> >
>

5961. Re: [TS-850_450_690] Re: Antenna tuner problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-05-18 22:20:50 UTC
From: Tom Osborne
Topic: 5947 Message: 5961

Thanks Ed. I'll give that a try this weekend. 73
Tom W7WHY

> The problem turned out to be a
> stuck relay on the filter unit. When I pulled a couple of relays to
> check them, they all tested good. When I put the radio back together,
> everything started working and it hasn't acted up since. My
> father-in-law had fussed with this problem for several years before he
> gave the rig to me.

5962. Re: Antenna tuner problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-05-20 22:34:36 UTC
From: Clif
Topic: 5947 Message: 5962

No difference in tuning but you may stop at a higher SWR than the
tuner will stop at automatically. Typically they won't stop for less
than 1.2-1, some are even more picky.

Clif

--- In TS-850_450_690@yahoogroups.com, "Tom Osborne" <w7why@...> wrote:
>
>
> Hi Clif
>
> Is there a difference tuning in the manual mode and the auto mode on
these
> tuners? I seem to be able to tune the SWR down with the manual mode.
> Thanks and 73
> Tom W7WHY
>
>
>
> > It doesn't have the range for that, 3-1 max is all it will tune. Turn
> > off the tuner and see what the internal SWR meter shows the SWR to be,
> > probably close to 10-1.
> >
> > Clif
> >
> >
> > --- In TS-850_450_690@yahoogroups.com, "Tom Osborne" <w7why@> wrote:
> >>
> >> I was trying to tune an 80 meter vertical cut for CW on the SSB part
> > of the
> >> band.
> >> Tom W7WHY
> >>
> >>
> >> >What are you trying to tune??????? The internal tuner won't
tune your
> >> >gutter. It was designed to flatten out the SWR on a fairly resonant
> >> >antenna.
>

5963. Re: Antenna tuner problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-05-20 22:39:45 UTC
From: Clif
Topic: 5947 Message: 5963

I know they will tune a larger range than that but if you stick with
that range the tuner will last longer.

Think about it, you have a high SWR antenna and the tuner matches it.
The radio is happy and pumps out 100w. Now 80 of that may be coming
back down and guess what component gets to eat the 80 watts of
reflected, the poor old tuner. You may get by with it for a while
using only SSB but don't try AM, FM, or RTTY.

'nuff said.

Clif

--- In TS-850_450_690@yahoogroups.com, John Geiger <n5ten@...> wrote:
>
> I have found that the internal tuner will tune in a
> much larger range that than. It has tuned most
> antennas I have thrown at. Tunes my HQ-1 miniquad on
> 12 and 17, where it isn't resonant, and will tune my
> homebrew G5RV type dipole on all bands 80-10. Most of
> the newer internal tuners would not tune this antenna
> on 40 and 80. THis is one of the best internal tuners
> out there, which is one reason I went looking for a
> TS690SAT.
>
> 73s John W5TD
>
> --- Clif <clif@...> wrote:
>
> > It doesn't have the range for that, 3-1 max is all
> > it will tune. Turn
> > off the tuner and see what the internal SWR meter
> > shows the SWR to be,
> > probably close to 10-1.
> >
> > Clif
> >
> >
> > --- In TS-850_450_690@yahoogroups.com, "Tom Osborne"
> > <w7why@> wrote:
> > >
> > > I was trying to tune an 80 meter vertical cut for
> > CW on the SSB part
> > of the
> > > band.
> > > Tom W7WHY

> > >
> > >
> > > >What are you trying to tune??????? The internal
> > tuner won't tune your
> > > > >gutter. It was designed to flatten out the SWR
> > on a fairly resonant
> > > > >antenna.
> > > >
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>
_____You
snooze, you lose. Get messages ASAP with AutoCheck
> in the all-new Yahoo! Mail Beta.
> http://advision.webevents.yahoo.com/mailbeta/newmail_html.html
>

5964. Re: [TS-850_450_690] Re: Antenna tuner problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-05-21 00:04:41 UTC
From: crownhaven
Topic: 5947 Message: 5964

Clif, is right....read my earlier thread about a friend who tuned my 40 meter antenna to 80 and then proceeded to send high speed CW in a contest. Completely fried the tuner.

Clif wrote:

> I know they will tune a larger range than that but if you stick with
> that range the tuner will last longer.
>
> Think about it, you have a high SWR antenna and the tuner matches it.
> The radio is happy and pumps out 100w. Now 80 of that may be coming
> back down and guess what component gets to eat the 80 watts of
> reflected, the poor old tuner. You may get by with it for a while
> using only SSB but don't try AM, FM, or RTTY.
>
> 'nuff said.
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>, John Geiger <n5ten@...> wrote:
> >
> > I have found that the internal tuner will tune in a
> > much larger range that than. It has tuned most
> > antennas I have thrown at. Tunes my HQ-1 miniquad on
> > 12 and 17, where it isn't resonant, and will tune my
> > homebrew G5RV type dipole on all bands 80-10. Most of
> > the newer internal tuners would not tune this antenna
> > on 40 and 80. THis is one of the best internal tuners
> > out there, which is one reason I went looking for a
> > TS690SAT.
> >
> > 73s John W5TD
> >
> > --- Clif <clif@...> wrote:
> >
> > > It doesn't have the range for that, 3-1 max is all
> > > it will tune. Turn
> > > off the tuner and see what the internal SWR meter
> > > shows the SWR to be,
> > > probably close to 10-1.
> > >
> > > Clif
> > >
> > >

> > > --- In TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>, "Tom Osborne"
> > > <w7why@> wrote:
> > > >
> > > > I was trying to tune an 80 meter vertical cut for
> > > CW on the SSB part
> > > of the
> > > > band.
> > > > Tom W7WHY
> > > >
> > > >
> > > > >What are you trying to tune??????? The internal
> > > tuner won't tune your
> > > > >gutter. It was designed to flatten out the SWR
> > > on a fairly resonant
> > > > >antenna.
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> >
> > _____You
> snooze, you lose. Get messages ASAP with AutoCheck
> > in the all-new Yahoo! Mail Beta.
> > http://advision.webevents.yahoo.com/mailbeta/newmail_html.html
> <http://advision.webevents.yahoo.com/mailbeta/newmail_html.html>
> >
>
>

5965. RE: [TS-850_450_690] Re: Antenna tuner problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-05-21 10:43:18 UTC
From: John
Topic: 5947 Message: 5965

Isn't that why we should ground our rigs really well - excess reflected

power shouldn't get back to the tuner...it should all

go straight to ground..long before getting to the ATU stage.

What do you think ? that's how I see it.also, if your equipment is well

grounded then there will not be an issue with rf feedback distorting

the audio - no stray rf hanging around the atu.or anywhere else.

73

John

. Now 80 of that may be coming
back down and guess what component gets to eat the 80 watts of
reflected, the poor old tuner. You may get by with it for a while
using only SSB but don't try AM, FM, or RTTY.

'nuff said.

Clif

--- In TS-850_450_690@ <mailto:TS-850_450_690%40yahoogroups.com>
yahoogroups.com, John Geiger <n5ten@...> wrote:
>
> I have found that the internal tuner will tune in a
> much larger range that than. It has tuned most
> antennas I have thrown at. Tunes my HQ-1 miniquad on
> 12 and 17, where it isn't resonant, and will tune my
> homebrew G5RV type dipole on all bands 80-10. Most of
> the newer internal tuners would not tune this antenna
> on 40 and 80. THis is one of the best internal tuners
> out there, which is one reason I went looking for a
> TS690SAT.
>
> 73s John W5TD
>
> --- Clif <clif@...> wrote:
>
> > It doesn't have the range for that, 3-1 max is all
> > it will tune. Turn
> > off the tuner and see what the internal SWR meter
> > shows the SWR to be,
> > probably close to 10-1.
> >

> > Clif
> >
> >
> > --- In TS-850_450_690@ <mailto:TS-850_450_690%40yahoogroups.com>
yahoogroups.com, "Tom Osborne"
> > <w7why@> wrote:
> > >
> > > I was trying to tune an 80 meter vertical cut for
> > CW on the SSB part
> > of the
> > > band.
> > > Tom W7WHY
> > >
> > >
> > > >What are you trying to tune??????? The internal
> > tuner won't tune your
> > > >gutter. It was designed to flatten out the SWR
> > on a fairly resonant
> > > >antenna.
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_____You
snooze, you lose. Get messages ASAP with AutoCheck
> in the all-new Yahoo! Mail Beta.
> http://advision.
<http://advision.webevents.yahoo.com/mailbeta/newmail_html.html>
webevents.yahoo.com/mailbeta/newmail_html.html
>

[Non-text portions of this message have been removed]

5966. Re: Antenna tuner problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-05-21 14:37:37 UTC
From: n5kzw
Topic: 5947 Message: 5966

Tom, in theory, you should always be able to manually tune to a lower SWR than the auto tuner. This is because a servo system begins to hunt if its error voltage goes to zero. It must have a small, but non-zero error voltage to be stable.

How much you can improve on the auto setting would be a good topic for an experiment.

Regards,
Ed

--- In TS-850_450_690@yahoogroups.com, "Tom Osborne" <w7why@...> wrote:
>
>
> Hi Clif
>
> Is there a difference tuning in the manual mode and the auto mode on these
> tuners? I seem to be able to tune the SWR down with the manual mode.
> Thanks and 73
> Tom W7WHY
>
>
>
> > It doesn't have the range for that, 3-1 max is all it will tune. Turn
> > off the tuner and see what the internal SWR meter shows the SWR to be,
> > probably close to 10-1.
> >
> > Clif
> >
> >
> > --- In TS-850_450_690@yahoogroups.com, "Tom Osborne" <w7why@> wrote:
> >>
> >> I was trying to tune an 80 meter vertical cut for CW on the SSB part
> > of the
> >> band.
> >> Tom W7WHY
> >>
> >>
> >> >What are you trying to tune??????? The internal tuner won't tune your
> >> >gutter. It was designed to flatten out the SWR on a fairly resonant
> >> >antenna.
>

5967. Re: Antenna tuner problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-05-21 15:47:29 UTC
From: Clif
Topic: 5947 Message: 5967

Would you be so kind as to show me the magical path the reflected
power is routed to ground through? If all reflected power were routed
to ground before the tuner we wouldn't need the tuner because there
would be zero reflected power.

Nothing was said about distorted audio or RF floating about the shack.
The problem is components in the tuner having to dissipate more power
than they are rated for.

Clif

--- In TS-850_450_690@yahoogroups.com, "John" <jkramer@...> wrote:
>
> Isn't that why we should ground our rigs really well - excess reflected
>
> power shouldn't get back to the tuner...it should all
>
> go straight to ground..long before getting to the ATU stage.
>
>
>
> What do you think ? that's how I see it.also, if your equipment is well
>
> grounded then there will not be an issue with rf feedback distorting
>
> the audio - no stray rf hanging around the atu.or anywhere else.
>
>
>
> 73
>
>
>
> John
>
>
>
> . Now 80 of that may be coming
> back down and guess what component gets to eat the 80 watts of
> reflected, the poor old tuner. You may get by with it for a while
> using only SSB but don't try AM, FM, or RTTY.
>
> 'nuff said.
>
> Clif
>

> --- In TS-850_450_690@ <mailto:TS-850_450_690%40yahoogroups.com>
> yahoogroups.com, John Geiger <n5ten@> wrote:
> >
> > I have found that the internal tuner will tune in a
> > much larger range that than. It has tuned most
> > antennas I have thrown at. Tunes my HQ-1 miniquad on
> > 12 and 17, where it isn't resonant, and will tune my
> > homebrew G5RV type dipole on all bands 80-10. Most of
> > the newer internal tuners would not tune this antenna
> > on 40 and 80. THis is one of the best internal tuners
> > out there, which is one reason I went looking for a
> > TS690SAT.
> >
> > 73s John W5TD
> >
> > --- Clif <clif@> wrote:
> >
> > > It doesn't have the range for that, 3-1 max is all
> > > it will tune. Turn
> > > off the tuner and see what the internal SWR meter
> > > shows the SWR to be,
> > > probably close to 10-1.
> > >
> > > Clif
> > >
> > >
> > > --- In TS-850_450_690@ <mailto:TS-850_450_690%40yahoogroups.com>
> yahoogroups.com, "Tom Osborne"
> > > <w7why@> wrote:
> > > >
> > > > I was trying to tune an 80 meter vertical cut for
> > > CW on the SSB part
> > > of the
> > > > band.
> > > > Tom W7WHY
> > > >
> > > >
> > > > >What are you trying to tune??????? The internal
> > > tuner won't tune your
> > > > >gutter. It was designed to flatten out the SWR
> > > on a fairly resonant
> > > > >antenna.
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> >
> _____You
> snooze, you lose. Get messages ASAP with AutoCheck
> > in the all-new Yahoo! Mail Beta.
> > http://advision.
> <http://advision.webevents.yahoo.com/mailbeta/newmail_html.html>
> webevents.yahoo.com/mailbeta/newmail_html.html
> >
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

5968. Re: MC-60A Mic partss

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-05-21 17:21:34 UTC
From: bigfork04
Topic: 5934 Message: 5968

--- In TS-850_450_690@yahoogroups.com, "Clif" <clif@...> wrote:
>
> I added the parts list for the MC60 under Files:MC60a
>
> Clif
>
>
> --- In TS-850_450_690@yahoogroups.com, "bigfork04" <bigfork04@>
wrote:
> >
> > I need to replace the P.T.T. switches on my MC-60A mic base.
There are
> > three of them. Two for the P.T.T. button and one for the Lock
button.
> > Does anybody now where I can find some. I don't have a part
number as
> > there is not one on the schematic. Any help would be appreciated.
> >
> > Jim\KL1NJ
> >
>Any ideas on where to purchase parts?

5969. Re: [TS-850_450_690] Re: Antenna tuner problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-05-22 00:34:17 UTC
From: Tom Osborne
Topic: 5947 Message: 5969

Hi Ed

Well, this is the problem. My 80 meter vertical is cut for 3550 and if I move off to 3650, it will tune it, but if I go up to 3950, it just keeps trying to find a match. Eventually it just starts to beep and then I shut if off. It seems to go way down to 1.2 or 1.3 to 1, but doesn't stop there, just shoots back up again. Manually I can tune it down to nothing.

I have another '450SAT and it will even tune the 80 meter vertical on 40 in about 10 seconds.

I didn't get to play with it this weekend as I had to work and didn't feel like messing with it :-) 73
Tom W7WHY

> Tom, in theory, you should always be able to manually tune to a lower
> SWR than the auto tuner. This is because a servo system begins to
> hunt if its error voltage goes to zero. It must have a small, but
> non-zero error voltage to be stable.
>
> How much you can improve on the auto setting would be a good topic for
> an experiment.
>
> Regards,
> Ed

5970. Looking for an AT-450

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-05-22 13:05:51 UTC
From: Brian
Topic: 5970 Message: 5970

Hi all,

I am in need of an AT-450 for my TS-690S.

Anybody got one to sell or trade?

Thanks in advance,

Brian
KE6IYC

5971. Re: MC-60A Mic partss

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-05-22 16:42:22 UTC
From: Clif
Topic: 5934 Message: 5971

Kenwood Parts Distributors;
West Coast www.pacparts.com
East Coast www.kenwoodparts.com

Clif

--- In TS-850_450_690@yahoogroups.com, "bigfork04" <bigfork04@...> wrote:
>
> --- In TS-850_450_690@yahoogroups.com, "Clif" <clif@> wrote:
> >
> > I added the parts list for the MC60 under Files:MC60a
> >
> > Clif
> >
> >
> > --- In TS-850_450_690@yahoogroups.com, "bigfork04" <bigfork04@>
> wrote:
> > >
> > > I need to replace the P.T.T. switches on my MC-60A mic base.
> There are
> > > three of them. Two for the P.T.T. button and one for the Lock
> button.
> > > Does anybody now where I can find some. I don't have a part
> number as
> > > there is not one on the schematic. Any help would be appreciated.
> > >
> > > Jim\KL1NJ
> > >
> >Any ideas on where to purchase parts?
>

5972. Re: MC-60A Mic partss

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-05-24 15:37:18 UTC
From: bigfork04
Topic: 5934 Message: 5972

--- In TS-850_450_690@yahoogroups.com, "Clif" <clif@...> wrote:
>
> Kenwood Parts Distributors;
> West Coast www.pacparts.com
> East Coast www.kenwoodparts.com
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "bigfork04" <bigfork04@>
wrote:
> >
> > --- In TS-850_450_690@yahoogroups.com, "Clif" <clif@> wrote:
> > >
> > > I added the parts list for the MC60 under Files:MC60a
> > >
> > > Clif
> > >
> > >
> > > --- In TS-850_450_690@yahoogroups.com, "bigfork04" <bigfork04@>
> > wrote:
> > > >
> > > > I need to replace the P.T.T. switches on my MC-60A mic base.
> > There are
> > > > three of them. Two for the P.T.T. button and one for the
Lock
> > button.
> > > > Does anybody now where I can find some. I don't have a part
> > number as
> > > > there is not one on the schematic. Any help would be
appreciated.
> > > >
> > > > Jim\KL1NJ
> > > >
> > >Any ideas on where to purchase parts?
> > >
>Thanks I got them from the East coast supply.

5973. Wanted info about dsp-100

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-05-25 20:46:39 UTC
From: Allan
Topic: 5973 Message: 5973

Hi all,

Sorry for my post not concerning directly the ts-850 .

I look for on internet but don't find any answer about this question.

Is it possible easy for changing the voltage of the dsp-100 (120 volts to 220/230 volts) ?

There is just a switch to turn on some power-supply or a easy system like on the tl922 ; maybe this is a easy system too ?

I live in Europe and I find one to buy from USA.

Many thanks for any answer,

Regards

Allan

[Non-text portions of this message have been removed]

5974. Re: [TS-850_450_690] Wanted info about dsp-100

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-05-25 21:52:59 UTC
From: ve3wej gmail
Topic: 5973 Message: 5974

Have you checked the manual. I thought it got its power (12 v dc) from the radio connections.

obviously i do not have one, but I do have a manual (available online as well)

VE3WEJ
Dave Garber

----- Original Message -----
From: Allan
To: TS-850_450_690@yahoogroups.com
Sent: Friday, May 25, 2007 4:46 PM
Subject: [TS-850_450_690] Wanted info about dsp-100

Hi all,

Sorry for my post not concerning directly the ts-850 .

I look for on internet but don't find any answer about this question.

Is it possible easy for changing the voltage of the dsp-100 (120 volts to 220/230 volts) ?

There is just a switch to turn on some power-supply or a easy system like on the tl922 ; maybe this is a easy system too ?

I live in Europe and I find one to buy from USA.

Many thanks for any answer,

Regards

Allan

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

5975. Re:Wanted info about dsp-100

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-05-26 12:11:23 UTC
From: Janez Celarc
Topic: 5973 Message: 5975

Hi to all,
checked my DSP-100, there's no switch for
selecting the voltage. Behind is a label stating -
220 - 240V 22W unit. I think that the model must
be made for 220 or 110V. Alan, I hope you'll get
cheap DSP from USA - there is posibility to
use 220/110V transformer infront of the DSP.
Ask your electrician.

GL de Janez S51DX

73 es DX de Janez S51DX

Primary e-mail : s51dx@...
URL : http://www.qsl.net/s51dx/

_____Get
the free Yahoo! toolbar and rest assured with the added security of spyware protection.
http://new.toolbar.yahoo.com/toolbar/features/norton/index.php

5976. No TX output, maybe 1w

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-05-26 11:35:02 UTC
From: Samir Popaja
Topic: 5234 Message: 5976

Hello,

I have more then maybe 1w (1 led diode) out on all bands with AT, and maybe little more without AT (2 led diodes).

Has someone experienced the same problem? Any help? Is possible that power amplifiers transistors are dead? How to check?

Thanks
Samir

[Non-text portions of this message have been removed]

5977. Re: TS-850 transverter interfacing

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-05-26 11:38:24 UTC
From: Samir Popaja
Topic: 5234 Message: 5977

OK, we now know waht the voltage do.

I'm wondering what the little coax have for use which I need to move from CN26 into CN25 do?

Thanks

73´Samir

--- In TS-850_450_690@yahoogroups.com, Zack Widup <w9sz@...> wrote:
>
>
> Applying the voltage to the IF OUT 1 connector merely switches internal
> circuitry to enable output from that connection instead of the ANT jack.
> The radio controls the transverter and not vice versa. You would use the
> radio normally as you would on HF with the mic or the key/keyer inputs to
> transmit.
>
> The REMOTE connector has a relay on pins 2, 4 and 5 that can be used to
> switch power for the transverter T/R function.
>
> I've found the Down East Microwave TIB-850 interface kit for the TS-850
> use with transverters to be well worth the money and does a great job of
> interfacing transverters to the rig.
>
> 73, Zack W9SZ
>
> On Sat, 28 Oct 2006, Scarlett wrote:
>
> > I'm working on a transverter interface for my TS-850S, which involves
> > a relay to supply the +8-12VDC bias to the IF 1 OUT port. The manual
> > says "supply DC voltage to this port and the relay activates". My
> > question: does supplying the bias voltage merely *enable* the
> > low-level TX output at the IF 1 OUT, or does it also perform the
> > changeover to TX for the radio? Another way, once I supply the bias

> > voltage at IF 1 OUT, do I still need to PTT the radio in some
fashion?
> > Thanks,
> >
>

5978. Re: TS-450S RX Audio Distorted

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-05-26 07:52:24 UTC
From: Samir Popaja
Topic: 5936 Message: 5978

Can this also be reason for low RX sensitivity?

--- In TS-850_450_690@yahoogroups.com, "Clif" <clif@...> wrote:
>
> That's exactly the way a bad trimmer acts. Just replace it with a
nice
> ceramic one. The plastic ones didn't like the cleaning they got
when
> the board was finished at the factory. Use a 10pf, Mouser has them
for
> abt a buck...
>
> Clif
>
>
> --- In TS-850_450_690@yahoogroups.com, "John" <k9ka@> wrote:
> >
> > Hello Group,
> >
> > I have been working on a TS-450 that intermittently had very
garbled or
> > distorted RX audio. When I finally got it act up for awhile, I
found
> > the adjustment voltage for VCO2 was low (3.3 volts). After re-
> > adjustment the problem went away, only to return about a week
later.
> > This radio has the later version DDS chips. Is the VCO2 trimmer
cap
> > the most likely suspect?? How does it act when it goes bad??
Thanks
> > for any info.
> >
> > 73, John, K9KA
> >
>

5979. Re:Wanted info about dsp-100

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-05-26 12:28:23 UTC
From: Janez Celarc
Topic: 5973 Message: 5979

I forget to tell, the unit is quite hot,
so the DSP-100 internal power supply is on
upper edge of his amps.
I didn't open the unit - so perhaps the switch
is inside??? I was check the Service
manual - the power supply is on
page 43 - no voltage switch in the diagram.

Off topics: The computer interface is connected
to the CONT OUT on the DSP-100 - since this port
is used on TS-850 (with cable to DSP-100).
I have slow laptop computer and sometimes with
the DSP-100 he need more time to get the infos
from it, this cause error in N1MM logger.
If the interface is connected direct to TS-850s
this error is usualy not present.

Hope this helps...

GL de Janez S51DX

73 es DX de Janez S51DX

Primary e-mail : s51dx@...
URL : http://www.qsl.net/s51dx/

_____Be a
better Globetrotter. Get better travel answers from someone who knows. Yahoo! Answers -
Check it out.
http://answers.yahoo.com/dir/?link=list&sid=396545469

5980. Re: [TS-850_450_690] Re: TS-850 transverter interfacing

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-05-26 15:04:08 UTC
From: Zack Widup
Topic: 5234 Message: 5980

It changes the "IF OUT" connector on the rear of the radio from "IF output to spectrum analyzer" to "RF output for the transverter". You cannot use the IF OUT connector as a spectrum monitor until you switch the cable again.

73, Zack W9SZ

Samir Popaja wrote:

>
>
> OK, we now know waht the voltage do.
>
> I'm wondering what the little coax have for use which I need to move
> from CN26 into CN25 do?
>
> Thanks
>
> 73?Samir

5981. SV: [TS-850_450_690] Re: TS-850 transverter interfacing

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-05-26 13:25:13 UTC
From: Samir Popaja
Topic: 5234 Message: 5981

Thank You Zack,

All clear about it.

73' Samir, SM7VZX (7S7V)

Från: Zack Widup
Skickat: lö 2007-05-26 17:04
Till: TS-850_450_690@yahoogroups.com
Ämne: Re: [TS-850_450_690] Re: TS-850 transverter interfacing

It changes the "IF OUT" connector on the rear of the radio from "IF output to spectrum analyzer" to "RF output for the transverter". You cannot use the IF OUT connector as a spectrum monitor until you switch the cable again.

73, Zack W9SZ

Samir Popaja wrote:

>
>
> OK, we now know waht the voltage do.
>
> I'm wondering what the little coax have for use which I need to move
> from CN26 into CN25 do?
>
> Thanks
>
> 73´Samir

[Non-text portions of this message have been removed]

5982. Re: Antenna tuner problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-05-26 12:34:22 UTC
From: Samir Popaja
Topic: 5947 Message: 5982

Which MENU nuber is that?

>Also as I mentioned on the 850 there is a menu item
>that disable the tuner to stop if it achieves a match, i.e. it will
>just keep tuning until you release the tune button.

5983. SV: [TS-850_450_690] Re: TS-850 transverter interfacing

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-05-26 14:12:19 UTC
From: Samir Popaja
Topic: 5234 Message: 5983

Zack,

Does it mean that I not need to move back coax from CN25 into CN26 for use on HF if I never use spectrum monitor? I can leave ts-850s in transverter mode and use it on HF? When I use it with transverter, I only need to put 12V in IF OUT, no need for opening the radi, right?

Thanks
SM7VZX

Från: Zack Widup
Skickat: lö 2007-05-26 17:04
Till: TS-850_450_690@yahoogroups.com
Ämne: Re: [TS-850_450_690] Re: TS-850 transverter interfacing

It changes the "IF OUT" connector on the rear of the radio from "IF output to spectrum analyzer" to "RF output for the transverter". You cannot use the IF OUT connector as a spectrum monitor until you switch the cable again.

73, Zack W9SZ

Samir Popaja wrote:

>
>
> OK, we now know waht the voltage do.
>
> I'm wondering what the little coax have for use which I need to move
> from CN26 into CN25 do?
>
> Thanks
>
> 73´Samir

[Non-text portions of this message have been removed]

5984. Re: SV: [TS-850_450_690] Re: TS-850 transverter interfacing

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-05-26 15:26:48 UTC
From: Zack Widup
Topic: 5234 Message: 5984

That is correct.

73, Zack W9SZ

On Sat, 26 May 2007, Samir Popaja wrote:

> Zack,
>
> Does it mean that I not need to move back coax from CN25 into CN26 for
> use on HF if I never use spectrum monitor? I can leave ts-850s in
> transverter mode and use it on HF? When I use it with transverter, I
> only need to put 12V in IF OUT, no need for opening the radi, right?
>
> Thanks
> SM7VZX
>
>
>
> Fr?n: Zack Widup
> Skickat: l? 2007-05-26 17:04
> Till: TS-850_450_690@yahoogroups.com
> ?mne: Re: [TS-850_450_690] Re: TS-850 transverter interfacing
>
>
>
> It changes the "IF OUT" connector on the rear of the radio from "IF
> output to spectrum analyzer" to "RF output for the transverter". You
> cannot use the IF OUT connector as a spectrum monitor until you switch
> the cable again.
>
> 73, Zack W9SZ
>

5985. SV: SV: [TS-850_450_690] Re: TS-850 transverter interfacing

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-05-26 16:20:36 UTC
From: Samir Popaja
Topic: 5234 Message: 5985

Nice, no more radio opening to switch between HF och VHF operation.

73' Samir, 7S7V

Från: Zack Widup
Skickat: lö 2007-05-26 17:26
Till: TS-850_450_690@yahoogroups.com
Ämne: Re: SV: [TS-850_450_690] Re: TS-850 transverter interfacing

That is correct.

73, Zack W9SZ

On Sat, 26 May 2007, Samir Popaja wrote:

> Zack,
>
> Does it mean that I not need to move back coax from CN25 into CN26 for
> use on HF if I never use spectrum monitor? I can leave ts-850s in
> transverter mode and use it on HF? When I use it with transverter, I
> only need to put 12V in IF OUT, no need for opening the radi, right?
>
> Thanks
> SM7VZX
>
>
>
> Från: Zack Widup
> Skickat: lö 2007-05-26 17:04
> Till: TS-850_450_690@yahoogroups.com
> Ämne: Re: [TS-850_450_690] Re: TS-850 transverter interfacing
>
>
>
> It changes the "IF OUT" connector on the rear of the radio from "IF
> output to spectrum analyzer" to "RF output for the transverter". You
> cannot use the IF OUT connector as a spectrum monitor until you switch
> the cable again.
>
> 73, Zack W9SZ
>

[Non-text portions of this message have been removed]

5986. TS-850SAT broadcast birdies

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-05-29 19:39:27 UTC
From: Rob Frohne
Topic: 5986 Message: 5986

Hi Everyone,

I have a TS-850SAT that has since I got it, had broadcast birdies at various frequencies. For example, I can hear the local station at 1490 KHz at 7240 KHz. I cannot hear any birdie in either my R-4C or my KWM-2. I saw the following note on mods.dk, and thought, "Aha! This should solve my problem." Alas, it didn't. I took all the diodes out for the lower frequency filters from 0-2.5 MHz with no change. Have any of you out there had these problems? Any cures?

Thanks & 73,

Rob, KL7NA

Article follows:

Symptom: The receiver is full of images across the entire HF spectrum. Images of broadcast stations are heard throughout HF bands.

Cause: Static damage through the antenna input, causing diode failure common to other receiver faults listed here. The inductor mod listed elsewhere here is recommended.

Fix @RF Board: Check replace D16 on the RF unit. You may also have bad ones at D3, D4, D5, D17.
Check also for failure at IC-1, 74LS145 band decoder chip. Check this with a DVM on the band filter select outputs, making sure only one output is near 0v at any time.

Adrian
de VK4TUX

5987. FS: INRAD CW filter for Kenwoods

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-05-29 19:31:23 UTC
From: John Geiger
Topic: 5987 Message: 5987

I have extra to my needs an Inrad #103 400hz CW filter
for the 8.83mhz IF for Kenwood radios. This is the
filter mounted on the little circuit board, and fits
the following models: 930/940/950/450/690/850/570.
You can take if off the circuit board and use it on
the older models if you like. I am asking $80 shipped
in the US. I can take paypal or a MO.

73s John W5TD

_____Sick
sense of humor? Visit Yahoo! TV's
Comedy with an Edge to see what's on, when.
http://tv.yahoo.com/collections/222

5988. Re: FS: INRAD CW filter for Kenwoods

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-05-29 23:45:53 UTC
From: Clif
Topic: 5987 Message: 5988

It has a different center freq than the filters that are not on the
board. It won't work in the older solder-in radios.

Clif

--- In TS-850_450_690@yahoogroups.com, John Geiger <n5ten@...> wrote:
>
> I have extra to my needs an Inrad #103 400hz CW filter
> for the 8.83mhz IF for Kenwood radios. This is the
> filter mounted on the little circuit board, and fits
> the following models: 930/940/950/450/690/850/570.
> You can take if off the circuit board and use it on
> the older models if you like. I am asking $80 shipped
> in the US. I can take paypal or a MO.
>
> 73s John W5TD
>
>
>
>

_____Sick
sense of humor? Visit Yahoo! TV's
> Comedy with an Edge to see what's on, when.
> http://tv.yahoo.com/collections/222
>

5989. TS-690S

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-05-30 20:39:52 UTC
From: ei3gsb
Topic: 5989 Message: 5989

I'm looking to buy a TS-690, anyone selling or know of anyone selling a 690? I have a 450SAT, is it an easy job to remove the Auto Tuner and put it in a 690S?

Cheers,
Andrew EI3GSB

5990. FS: Kenwood YK88C-1 500hz CW filter

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-05-31 00:08:38 UTC
From: John Geiger
Topic: 5990 Message: 5990

I have for sale a Kenwood YK88C-1 500hz CW filter
which fits in the 570/930/940/950/450/690/850 models.
Really helps narrow down the passband on CW and the
digitial modes. Works fine, I just replaced it with
an INRAD CW filter in my TS690. These go for $130 new
plus shipping, I am asking $75 shipped. I can take
paypal or MO.

73s John W5TD

_____Choose the right car based on your needs. Check out Yahoo! Autos new Car Finder tool.
http://autos.yahoo.com/carfinder/

5991. TS-850S/ Dead TX (1-2w out)

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-06-01 06:43:03 UTC
From: Samir Popaja
Topic: 5991 Message: 5991

Hello,
Thank you for reading this.

I have the TS850 that is dead in TX, the power output is about 1-2 watts in all bands and modes, the power supply meter says 7 Ampers at 13.8V volts. No ALC at all.

Has someone experienced the same problem? Any help? Is possible that power amplifiers transistors are dead? How to check? Any idea for begin the troubleshoting.

Thanks
Samir

5992. Noise on receive about S-2 on 26/27 mhz ??

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-06-01 21:28:25 UTC
From: Allan
Topic: 5991 Message: 5992

Hi all,
Since 3 or 4 days, on my ts-850, I have a constant noise on receive about S-2 on 26-27 mhz (every time so I don't think that's a qrn) . It looks like ok on other band.
Where or what must I check ?
Many thanks in advance,
Regards
Allan

5993. Re: [TS-850_450_690] Noise on receive about S-2 on 26/27 mhz ??

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-06-01 21:43:46 UTC
From: ve3wej gmail
Topic: 5991 Message: 5993

check AM mode on cb band area...

VE3WEJ
Dave Garber
----- Original Message -----
From: Allan
To: TS-850_450_690@yahoogroups.com
Sent: Friday, June 01, 2007 5:28 PM
Subject: [TS-850_450_690] Noise on receive about S-2 on 26/27 mhz ??

Hi all,
Since 3 or 4 days, on my ts-850, I have a constant noise on receive about
S-2 on 26-27 mhz (every time so I don't think that's a qrn) . It looks like
ok on other band.
Where or what must I check ?
Many thanks in advance,
Regards
Allan

[Non-text portions of this message have been removed]

5994. (no subject)

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-06-01 22:58:58 UTC
From: Zack Widup
Topic: 5994 Message: 5994

[Body unavailable in the source archive]

5995. Re: [TS-850_450_690] (unknown)

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-06-01 23:04:03 UTC
From: ve3wej gmail
Topic: 635 Message: 5995

I agree with this...

VE3WEJ
Dave Garber
----- Original Message -----
From: Zack Widup
To: TS-850_450_690@yahoogroups.com
Sent: Friday, June 01, 2007 6:58 PM
Subject: [TS-850_450_690] (unknown)

[Non-text portions of this message have been removed]

5996. Re: [TS-850_450_690] (unknown)

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-06-01 23:14:59 UTC
From: w9sz@prairienet.org
Topic: 635 Message: 5996

Hehe ... my e-mail program just went wacky and sent some blank e-mails
out. Sorry about that.

Hopefully this one works.

73, Zack W9SZ

> I agree with this...
>
>
> VE3WEJ
> Dave Garber
> ----- Original Message -----
> From: Zack Widup
> To: TS-850_450_690@yahoogroups.com
> Sent: Friday, June 01, 2007 6:58 PM
> Subject: [TS-850_450_690] (unknown)
>
>
>
>
>
> [Non-text portions of this message have been removed]
>
>

5997. Re: [TS-850_450_690] (unknown)

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-06-02 00:37:55 UTC
From: ve3wej gmail
Topic: 635 Message: 5997

better than some of the crap that gets through.

VE3WEJ
Dave Garber
----- Original Message -----
From: w9sz@...
To: TS-850_450_690@yahoogroups.com
Sent: Friday, June 01, 2007 7:14 PM
Subject: Re: [TS-850_450_690] (unknown)

Hehe ... my e-mail program just went wacky and sent some blank e-mails
out. Sorry about that.

Hopefully this one works.

73, Zack W9SZ

> I agree with this...
>
>
> VE3WEJ
> Dave Garber
> ----- Original Message -----
> From: Zack Widup
> To: TS-850_450_690@yahoogroups.com
> Sent: Friday, June 01, 2007 6:58 PM
> Subject: [TS-850_450_690] (unknown)
>
>
>
>
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

5998. TS-450 vs. IC-706

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-06-01 22:07:40 UTC
From: kjtwlf
Topic: 5998 Message: 5998

I'm brand new to this group and hope this question hasn't been discussed previously (I searched and didn't find anything very recent): I have a TS-450 and am thinking about adding a dual band FM radio to my collection. I'm wondering if I might be better off selling the 450 and buying a new IC-706 which would, apparently, cover all bases. What I'm wondering is if the IC-706 lacks something in the HF bands that the 450 has. Is the 450 a better HF rig than the 706?

Any opinions?

-Ken
N6VDT

5999. Re: [TS-850_450_690] TS-450 vs. IC-706

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-06-02 01:22:56 UTC
From: crownhaven
Topic: 5998 Message: 5999

I think you will find the TS-450S is head and shoulders over the IC-706 in terms of HF performance. That being said, it all depends on what you are going to do on HF. If you are a casual operator, the 706, like most radios out there will be fine. I read reviews frequently where someone hears a signal with one radio and another same generation radio can't hear it on the same antenna. I always feel like the latter rig is broken. I haven't found that much difference in the real world. Now, if you are operating in crowded band conditions, contesting, etc., that is a story for another time.

I think the 450/690/850 line of radios are the best. Maybe rigs that cost four to ten times as much are better but they aren't that much better in my opinion.

kjtwlf wrote:

> I'm brand new to this group and hope this question hasn't been
> discussed previously (I searched and didn't find anything very
> recent): I have a TS-450 and am thinking about adding a dual band FM
> radio to my collection. I'm wondering if I might be better off
> selling the 450 and buying a new IC-706 which would, apparently, cover
> all bases. What I'm wondering is if the IC-706 lacks something in the
> HF bands that the 450 has. Is the 450 a better HF rig than the 706?
>
> Any opinions?
>
> -Ken
> N6VDT
>
>

6000. Re: [TS-850_450_690] TS-450 vs. IC-706

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-06-02 04:55:15 UTC
From: John Geiger
Topic: 5998 Message: 6000

I agree with this. I have a TS690SAT (a 450 with 6m on it) and briefly thought about selling it to get an Icom 706MKII so I would have 2 meters and 100 watts on 6m instead of 50, but I just couldn't do it. I have had all 3 versions of the Icom 706, a Yaesu FT857, a Yaesu FT897, and a Yaesu FT100D. The 690 blows them all away, with the exception of the FT100D. THe 690 is better, but the improvement is less noticable.

I ran the 690 in the CQWPX contest last weekend and was very pleased with its performance. I have a narrow CW filter at both IFs, and when I put the 270hz filter (455khz IF) in line you really get single signal reception. The receiver on the 690 handled the contest conditions with no problem. I never heard any IMD products or things like that. The 706/857/897 would not have done the same. I ran a 706MKIIG in the RTTY roundup a couple of years ago and it was unusable on 20 meters. The receiver just collapsed completely, making almost every signal unreadable.

Also, the NB in the 690 is one of the best ones I have seen. It removes most of the line noise I have, and it doesn't hurt receiver performance. You don't hear CW signals 5khz away coming thru as raspy static. The only other NB I have seen that was that good was on the TS2000.

The internal tuner (unavailable on the 706/857) is much better than current internal tuners. Loads up anything you throw at it.

Now since I am a 6 meter addict who has no plans of going to rehab, you should trade your 450 for a 690. That would be one big advantage of a 706/857/100D, you could get on 6m, but you would be making a big compromise performancewise on HF.

If you must get a HF/VHF/UHF rig, get the Yaesu FT100D. The others are junk compared to it.

73s John W5TD

--- crownhaven <crownhaven@...> wrote:

> I think you will find the TS-450S is head and
> shoulders over the IC-706

> in terms of HF performance. That being said, it all
> depends on what you
> are going to do on HF. If you are a casual
> operator, the 706, like most
> radios out there will be fine. I read reviews
> frequently where someone
> hears a signal with one radio and another same
> generation radio can't
> hear it on the same antenna. I always feel like the
> latter rig is
> broken. I haven't found that much difference in the
> real world. Now,
> if you are operating in crowded band conditions,
> contesting, etc., that
> is a story for another time.
>
> I think the 450/690/850 line of radios are the best.
> Maybe rigs that
> cost four to ten times as much are better but they
> aren't that much
> better in my opinion.
>
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> kjtwlf wrote:
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> hasn't been
> > discussed previously (I searched and didn't find
> anything very
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> adding a dual band FM
> > radio to my collection. I'm wondering if I might
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> > selling the 450 and buying a new IC-706 which
> would, apparently, cover
> > all bases. What I'm wondering is if the IC-706
> lacks something in the
> > HF bands that the 450 has. Is the 450 a better HF
> rig than the 706?
> >
> > Any opinions?
> >
> > -Ken
> > N6VDT
> >
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Moody friends. Drama queens. Your life? Nope! - their life, your story. Play Sims Stories at Yahoo! Games.
http://sims.yahoo.com/

6001. Re: [TS-850_450_690] TS-450 vs. IC-706

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-06-02 04:56:42 UTC
From: John Geiger
Topic: 5998 Message: 6001

Let me also mention that the 450/690 has awesome
sounding receiver audio, much better than you will get
out of a 706. I am not a hi-fi SSB guy, but the 690
is a pleasure to listen to on SSB. The only rig I
have had which sounded better was a Kenwood TS850SAT.

73s John W5TD

--- crownhaven <crownhaven@...> wrote:

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> shoulders over the IC-706
> in terms of HF performance. That being said, it all
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Choose the right car based on your needs. Check out Yahoo! Autos new Car Finder tool.
http://autos.yahoo.com/carfinder/

6002. Re:Noise on receive about S-2 on 26/27 mhz ??

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-06-02 09:02:39 UTC
From: Janez Celarc
Topic: 5991 Message: 6002

Hi, Allan and company.
Did you try to switch off your
100Hz giant TV set? Mine do fantastic
splatters all over the bands, and it's
not the cheap brand TV set. So check
devices running around you and in
neighbours houses. And S2 it's not
so bad anyway, I was check 28.000 MHz
here and there are S1-2 band noise.

Regards

de Janez S51DX

73 es DX de Janez S51DX

Primary e-mail : s51dx@...
URL : http://www.qsl.net/s51dx/

_____Ready
for the edge of your seat?
Check out tonight's top picks on Yahoo! TV.
http://tv.yahoo.com/

6003. FOR SALE TS 450 w/antenna tuner in it

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-06-02 12:58:00 UTC
From: Ronnie Bass
Topic: 635 Message: 6003

want to sell this radio its not doing nothing but setting on my table i got another radio just want to sell this one if anybody interrested let me know thank you its going dirt cheap so email me and ill tell you the price and i got the stock mic for it to its in good condition too it works great and i talk on it 2 days ago and still works fine bass_ronnie@... call sign is kc0ghs

ERNEST T BASS

[Non-text portions of this message have been removed]

6004. Re: TS-450 vs. IC-706

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-06-02 17:35:45 UTC
From: nm9p
Topic: 5998 Message: 6004

As an owner of both a TS-850 and an IC-706MK2G, but not a 450/690 owner, my comments may be of lesser value, but specs I have seen show the 450/690 to have a much stronger front end, i.e. much less front-end overload, better dynamic range, and better intermod characteristics. (Better in crowded band conditions)

The IF filtering optons are better in the Kenwood also.

Also that line (450 & 850) have better and more adjustable transmitter audio.

The things the Icom 706 (which I do own) has over the others are:

1) 6 meter and vhf/uhf coverage
2) much smaller size and remotable head for mobile applications, (but you pay a loss of performance to get the smaller size)
3) TX carrier insertion point can be shifted to fine-tune and enhance TX audio
4) Audio level receive DSP for noise reduction (auto notch filter is OK, but ssb noise reduction is somewhat lackluster)

If you are just interested in HF operaton and only want to add FM on 2m/440 then I would say get an icom 208 (I have one of those, too) or some other dual band FM rig. They are cheap and you can have both on at the same time for dual monitoring.

If your shack space is limited and/or you want to add SSB on 6, 2 & 70cm, then the 706mk2G is a very attractive rig for the price.

I have been very pleased with the IC-706 on 6 Meters SSB.

Hope this adds light to the situation,

73 de Ken - NM9P

--- In TS-850_450_690@yahoogroups.com, John Geiger <n5ten@...> wrote:
>
> Let me also mention that the 450/690 has awesome
> sounding receiver audio, much better than you will get
> out of a 706. I am not a hi-fi SSB guy, but the 690
> is a pleasure to listen to on SSB. The only rig I
> have had which sounded better was a Kenwood TS850SAT.
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> 73s John W5TD
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> --- crownhaven <crownhaven@...> wrote:
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> > > -Ken
> > > N6VDT
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> Choose the right car based on your needs. Check out Yahoo! Autos
new Car Finder tool.
> http://autos.yahoo.com/carfinder/
>

6005. Re: TS-450 vs. IC-706

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-06-02 17:39:57 UTC
From: kjtwlf
Topic: 5998 Message: 6005

Thanks to everyone for the info. Seems pretty clear that I should keep the 450 (or, eventually upgrade to the 690).

Lots of good information here. I'm impressed!

-ken

6006. Re: TS-450 vs. IC-706

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-06-02 20:21:40 UTC
From: ve3tmt
Topic: 5998 Message: 6006

--- In TS-850_450_690@yahoogroups.com, "kjtwlf" <kjtwlf@...> wrote:

Is the 450 a better HF rig than the 706?

Not even in the same ball park so to speak. Having owned a 706, MKII and MKIIG at one time or another I speak with experience. If you are looking for an all band/mode rig, the 706MKIG is hard to beat. But for straight HF operation the 450 is very good. Not quite as good as the 850 but still holds its own.

VE3TMT

6007. Which Vertical

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-06-02 22:25:38 UTC
From: kjtwlf
Topic: 6007 Message: 6007

You guys were so helpful with my last question, I can't help asking another:

I'd like to buy a multi-band vertical antenna to run with my TS-450 on 10 to 40 (maybe 80 ?) meters. Anyone have an opinion as to which antenna models are better than others?

I've read on-line review of several models (R7000, GAP Titan, Comet CHA-250B) and for every "excellent" review there seems to be a "really bad" review. Hard to figure out.

Thanks,
-ken
N6VDT

6008. Re: Which Vertical

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-06-03 13:58:09 UTC
From: ve3tmt
Topic: 6007 Message: 6008

Here's my .02 Ken,

I use a Cushcraft R7 mounted just above the eaves at 15'. It requires no ground radials, the counterpoise is made up of 7 four foot rods that mount at the base. It has been up two years with no problems whatsover. The SWR isn't as broad on 40 as I would like but the 850's tuner takes care of that, and of course it doesn't cover 80m but I have an inverted V for that band. It is prone to picking up noise as all verticals will, but for DX it is a great antenna. Worked the Vatican, HV0A on 20 RTTY yesterday through the pileup. It pretty much works everything it hears, although I would prefer a beam at times. But for $76, (yep that's what I paid for it!) I can't go wrong.

Max
VE3TMT

6009. Re: [TS-850_450_690] Re: Which Vertical

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-06-03 15:43:03 UTC
From: ve3wej gmail
Topic: 6007 Message: 6009

And that is canadian cents too!!!!!

VE3WEJ
Dave Garber
----- Original Message -----
From: ve3tmt
To: TS-850_450_690@yahoogroups.com
Sent: Sunday, June 03, 2007 9:58 AM
Subject: [TS-850_450_690] Re: Which Vertical

Here's my .02 Ken,

I use a Cushcraft R7 mounted just above the eaves at 15'. It requires no ground radials, the counterpoise is made up of 7 four foot rods that mount at the base. It has been up two years with no problems whatsover. The SWR isn't as broad on 40 as I would like but the 850's tuner takes care of that, and of course it doesn't cover 80m but I have an inverted V for that band. It is prone to picking up noise as all verticals will, but for DX it is a great antenna. Worked the Vatican, HV0A on 20 RTTY yesterday through the pileup. It pretty much works everything it hears, although I would prefer a beam at times. But for $76, (yep that's what I paid for it!) I can't go wrong.

Max
VE3TMT

[Non-text portions of this message have been removed]

6010. Re: [TS-850_450_690] Which Vertical

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-06-03 14:12:41 UTC
From: John Geiger
Topic: 6007 Message: 6010

The Comet antenna got a pretty bad QST review, and the
Gap antennas are butt ugly and overpriced. The
Hustler verticals have been around forever, are simple
construction, and reasonably priced.

73s John W5TD

--- kjtwlf <kjtwlf@...> wrote:

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> can't help asking
> another:
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> with my TS-450 on
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> GAP Titan, Comet
> CHA-250B) and for every "excellent" review there
> seems to be a "really
> bad" review. Hard to figure out.
>
> Thanks,
> -ken
> N6VDT
>
>

Boardwalk for $500? In 2007? Ha! Play Monopoly Here and Now (it's updated for today's economy) at Yahoo! Games.
http://get.games.yahoo.com/proddesc?gamekey=monopolyherenow

6011. Re: Which Vertical

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-06-03 17:02:09 UTC
From: Ron
Topic: 6007 Message: 6011

Until recently I used Hustler because of my small city lot. Bought the 5-band version but only had room to put radials for 20/15/10 and then only on one side as it was at back of lot in the trees. It worked very well - worked considerable DX from Connecticut including one VK station. Moved 1500 miles to much larger lot and use skywave loop now but Hustler is up and hooked to my backup rig. If it (Hustler) breaks, will buy another one.

73

Ron

--- In TS-850_450_690@yahoogroups.com, John Geiger <n5ten@...> wrote:
>
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> Gap antennas are butt ugly and overpriced. The
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> > Thanks,
> > -ken
> > N6VDT
> >
> >

6012. Re: Which Vertical

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-06-03 17:11:26 UTC
From: ve3tmt
Topic: 6007 Message: 6012

I also forgot to mention at one time I used the Butternut HF6V which also performed well.

Max
VE3TMT

6013. Re: [TS-850_450_690] Re: Which Vertical

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-06-03 16:26:10 UTC
From: crownhaven
Topic: 6007 Message: 6013

I hate to say this but the word on verticals is they work poorly in all directions. That being said, my first HF antenna was a 40 meter dipole and a Cushcraft R-4. This antenna had 10/12/15/20 meters as I recall. It worked great. I think I upgraded it to the R-5 with a kit that enabled 17 meters. This antenna eventually went to C6 and lasted for years in that environment.

I replaced it with the R7. I thought it did a good job too. I am a CW op and wanted 30 meters. It didn't do a good job on short haul 40, etc., which you would expect it to anyway.

I upgraded to the R-7000 and then the trouble started. CC had all kinds of issues with these antennas. And I lived them all. There were troubles with the traps, dimensions, etc. Plus, when the antenna flexed in the wind, the windings on the traps would work loose from the screws causing intermittents. It was nightmare. I rebuilt mine using different screws, etc., etc. It was always a pain in the ass.

If you have the room, I would opt for a wire antenna of some sort for close haul. Try and find an R7 for DX. They are out there. I found mine worked best mounted at least 15 - 20 feet off the ground.

Read the Eham reviews too. There is a new vertical by Hy-Gain that people seem to like. It is a half-wave design and requires no radials.

Verticals are very controversial and you won't get the same story from anyone. I will tell you when I put up my first yagi, it was incredible.

But, if you are a CW op or run PSK, RTTY, a vertical will do a good job.

ve3wej gmail wrote:

> And that is canadian cents too!!!!!
>
> VE3WEJ
> Dave Garber
> ----- Original Message -----
> From: ve3tmt
> To: TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>
> Sent: Sunday, June 03, 2007 9:58 AM
> Subject: [TS-850_450_690] Re: Which Vertical
>
> Here's my .02 Ken,
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> works everything it hears, although I would prefer a beam at times.
> But for $76, (yep that's what I paid for it!) I can't go wrong.
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> VE3TMT
>
> [Non-text portions of this message have been removed]
>
>

6014. RE: [TS-850_450_690] Re: Which Vertical

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-06-03 17:54:12 UTC
From: Mark Saunders, KJ7BS
Topic: 6007 Message: 6014

Holy Cow! You've opened the preverbal Pandora's Box, vertical antenna performance. You did have a bad run with your R-7000. I wish you had mine.

Remember, traps are lossy, whether in a dipole, yagi, or vertical.

I've had my R-7000 up since 1995. It has been taken down for use in Field Day each year and dozens of Boy Scout campouts in 12 years. The only problem I had was the stainless steel U-bolt and nuts froze and I had to get replacements from Cushcraft. I find the R-7000 to be a tough durable antenna. I run 800 watts to it from an AL-811H amp.

This is a good antenna for DX. My first contact with it in 1995 was to Pitcairn Island with 100 watts. Last year I contacted Antarctica using my K2 at 5 watts. I agree, verticals suffer ground losses and are generally poor performers in all directions compared to a dipole or yagi, but Antarctica on 5 watts from an R-7000 is good for poor performance.

I've had my R-7000 mounted in a 3 foot Radio Shack tripod for portable operations, 2 feet above the eves of my house for fixed operations, at roof level on my travel trailer, and it is currently mounted 8 feet above ground. All mountings have given me good performance.

The antenna flexes in the wind, but verticals need to flex or they will break in high winds. Case in point, I had the R-7000 mounted on top of a 30 foot telescopic mast at the side of my house so the antenna was 2 feet above the peak of the roof. The mast was bolted to the house at the roof peak. We had a "straight line wind" similar to a tornado except it does not swirl, hit the metro Phoenix area several years ago. The R-7000 survived with no damage, but the mast, 1.5" in diameter with a wooden dowel inside, was bent 90 degrees where it was bolted to the house. I lost the roof of my house in that storm, not just the shingles, but the plywood, too. That's a tough antenna.

I would like to get another R-7000 to leave in my camp trailer.

My other antenna is an 80 meter dipole bent at the ends to fit my city lot. It is supported by two 50 foot telescoping masts, 2 inches at the bottom and 1 inch at the top. The flat top measures 70 feet across the top and the verticals ends are about 30 feet long each. I feed this with ladder line and use an antenna matcher to work 10 - 80 meters.

Mark, KJ7BS
Glendale, AZ
Editor, The SKCC Centurion
Elecraft K2 S/N 0539
Fists # 2972 CC 1806

SKCC # 2240 C56
QRP-ARCI # 12647
AZ ScQRPions

_____

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of crownhaven
Sent: Sunday, June 03, 2007 9:26 AM
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] Re: Which Vertical

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If you have the room, I would opt for a wire antenna of some sort for close haul. Try and find an R7 for DX. They are out there. I found mine worked best mounted at least 15 - 20 feet off the ground.

Read the Eham reviews too. There is a new vertical by Hy-Gain that people seem to like. It is a half-wave design and requires no radials.

Verticals are very controversial and you won't get the same story from anyone. I will tell you when I put up my first yagi, it was incredible.

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> Max
> VE3TMT
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

6015. Re: [TS-850_450_690] Re: Which Vertical

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-06-03 20:55:06 UTC
From: John Geiger
Topic: 6007 Message: 6015

Even for CW a yagi (even a small one) will beat the heck out of a vertical or dipole. My DX totals really went up when I installed a Cushcraft MA5B. Now use a Mini Products HQ-1 miniquad and it is also a great performer. Much quieter than the dipole I use on the low bands.

73s JOhn W5TD

--- crownhaven <crownhaven@...> wrote:

> I hate to say this but the word on verticals is they
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> Verticals are very controversial and you won't get
> the same story from
> anyone. I will tell you when I put up my first
> yagi, it was incredible.
>
> But, if you are a CW op or run PSK, RTTY, a vertical
> will do a good job.
>
>
>
> ve3wej gmail wrote:
>
> > And that is canadian cents too!!!!!
> >
> > VE3WEJ
> > Dave Garber
> > ----- Original Message -----
> > From: ve3tmt
> > To: TS-850_450_690@yahoogroups.com
> > <mailto:TS-850_450_690%40yahoogroups.com>
> > Sent: Sunday, June 03, 2007 9:58 AM
> > Subject: [TS-850_450_690] Re: Which Vertical
> >
> > Here's my .02 Ken,
> >
> > I use a Cushcraft R7 mounted just above the eaves
> at 15'. It requires
> > no ground radials, the counterpoise is made up of
> 7 four foot rods
> > that mount at the base. It has been up two years
> with no problems
> > whatsover. The SWR isn't as broad on 40 as I would
> like but the 850's
> > tuner takes care of that, and of course it doesn't
> cover 80m but I
> > have an inverted V for that band. It is prone to
> picking up noise as
> > all verticals will, but for DX it is a great
> antenna. Worked the
> > Vatican, HV0A on 20 RTTY yesterday through the
> pileup. It pretty much
> > works everything it hears, although I would prefer

> a beam at times.
> > But for $76, (yep that's what I paid for it!) I
> can't go wrong.
> >
> > Max
> > VE3TMT
> >
> > [Non-text portions of this message have been
> removed]
> >
> >
>
>
>

The fish are biting.
Get more visitors on your site using Yahoo! Search Marketing.
http://searchmarketing.yahoo.com/arp/sponsoredsearch_v2.php

6016. RE: [TS-850_450_690] Re: Which Vertical

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-06-03 22:18:12 UTC
From: John Geiger
Topic: 6007 Message: 6016

One thing to remember is that the performance of a vertical does depend on the frequency you are using it at. Verticals are the antenna of choice for the low bands (160/80/40) as they have a low angle of radiation, which makes them good DX antennas. To get a dipole to have a decent low angle of radiation, and the bidirectional pattern characteristic of a dipole, it needs to be at least 1/2 wavelength above the ground. This is difficult to do at the low bands, since you are talking about 65 feet above the ground for 40 meters, 130 feet for 80, and 260 feet for 160. Most of us can't get our antennas up that high, so the ground lose you have with a vertical is still worth it because you are focusing your power at a low angle of radiation.

Now when you get to the higher bands, dipoles become more practical since 1/2 wavelength at 20 meters is only 33 feet, which is practical for most of us. A dipole is around 95% efficient, so very little power is being lost with the antenna, unless you are trying to feed it on non-resonant bands and using coax, especially RG-58 or RG-8X due to the coax loss that comes with a high SWR. A vertical is going to be less efficient than a dipole, so you are getting less power out. Then you have the loss with traps, etc.

One of the best ways to learn about antenna performance is to spend $17 a year, subscribe to World Radio, and read the aerials column each month by Curt N Sterba. The propagation column by K9LA and the occassional receivers column by W8JI are also worth the price of admission alone.

73s John W5TD
--- "Mark Saunders, KJ7BS" <kj7bs@...> wrote:

> Holy Cow! You've opened the preverbal Pandora's
> Box, vertical antenna
> performance. You did have a bad run with your
> R-7000. I wish you had
> mine.
>
>
>
> Remember, traps are lossy, whether in a dipole,

> yagi, or vertical.
>
>
>
> I've had my R-7000 up since 1995. It has been taken
> down for use in Field
> Day each year and dozens of Boy Scout campouts in 12
> years. The only
> problem I had was the stainless steel U-bolt and
> nuts froze and I had to get
> replacements from Cushcraft. I find the R-7000 to
> be a tough durable
> antenna. I run 800 watts to it from an AL-811H amp.
>
>
>
> This is a good antenna for DX. My first contact
> with it in 1995 was to
> Pitcairn Island with 100 watts. Last year I
> contacted Antarctica using my
> K2 at 5 watts. I agree, verticals suffer ground
> losses and are generally
> poor performers in all directions compared to a
> dipole or yagi, but
> Antarctica on 5 watts from an R-7000 is good for
> poor performance.
>
>
>
> I've had my R-7000 mounted in a 3 foot Radio Shack
> tripod for portable
> operations, 2 feet above the eves of my house for
> fixed operations, at roof
> level on my travel trailer, and it is currently
> mounted 8 feet above ground.
> All mountings have given me good performance.
>
>
>
> The antenna flexes in the wind, but verticals need
> to flex or they will
> break in high winds. Case in point, I had the
> R-7000 mounted on top of a 30
> foot telescopic mast at the side of my house so the
> antenna was 2 feet above
> the peak of the roof. The mast was bolted to the
> house at the roof peak.
> We had a "straight line wind" similar to a tornado
> except it does not swirl,
> hit the metro Phoenix area several years ago. The

> R-7000 survived with no
> damage, but the mast, 1.5" in diameter with a wooden
> dowel inside, was bent
> 90 degrees where it was bolted to the house. I lost
> the roof of my house in
> that storm, not just the shingles, but the plywood,
> too. That's a tough
> antenna.
>
>
>
> I would like to get another R-7000 to leave in my
> camp trailer.
>
>
>
> My other antenna is an 80 meter dipole bent at the
> ends to fit my city lot.
> It is supported by two 50 foot telescoping masts, 2
> inches at the bottom and
> 1 inch at the top. The flat top measures 70 feet
> across the top and the
> verticals ends are about 30 feet long each. I feed
> this with ladder line
> and use an antenna matcher to work 10 - 80 meters.
>
>
>
> Mark, KJ7BS
> Glendale, AZ
> Editor, The SKCC Centurion
> Elecraft K2 S/N 0539
> Fists # 2972 CC 1806
> SKCC # 2240 C56
> QRP-ARCI # 12647
> AZ ScQRPions
>
> _____
>
> From: TS-850_450_690@yahoogroups.com
> [mailto:TS-850_450_690@yahoogroups.com]
> On Behalf Of crownhaven
> Sent: Sunday, June 03, 2007 9:26 AM
> To: TS-850_450_690@yahoogroups.com
> Subject: Re: [TS-850_450_690] Re: Which Vertical
>
>
>
> I hate to say this but the word on verticals is they
> work poorly in all

> directions. That being said, my first HF antenna was
> a 40 meter dipole
> and a Cushcraft R-4. This antenna had 10/12/15/20
> meters as I recall.
> It worked great. I think I upgraded it to the R-5
> with a kit that
> enabled 17 meters. This antenna eventually went to
> C6 and lasted for
> years in that environment.
>
> I replaced it with the R7. I thought it did a good
> job too. I am a CW
> op and wanted 30 meters. It didn't do a good job on
> short haul 40,
> etc., which you would expect it to anyway.
>
> I upgraded to the R-7000 and then the trouble
> started. CC had all kinds
> of issues with these antennas. And I lived them all.
> There were
> troubles with the traps, dimensions, etc. Plus, when
> the antenna flexed
> in the wind, the windings on the traps would work
> loose from the screws
> causing intermittents. It was nightmare. I rebuilt
> mine using
> different screws, etc., etc. It was always a pain in
> the ass.
>
> If you have the room, I would opt for a wire antenna
> of some sort for
> close haul. Try and find an R7 for DX. They are out
> there. I found
> mine worked best mounted at least 15 - 20 feet off
> the ground.
>
> Read the Eham reviews too. There is a new vertical
> by Hy-Gain that
> people seem to like. It is a half-wave design and
> requires no radials.
>
> Verticals are very controversial and you won't get
> the same story from
> anyone. I will tell you when I put up my first yagi,
> it was incredible.
>
> But, if you are a CW op or run PSK, RTTY, a vertical
> will do a good job.
>
> ve3wej gmail wrote:

>
> > And that is canadian cents too!!!!!
> >
> > VE3WEJ
> > Dave Garber
> > ----- Original Message -----
> > From: ve3tmt
> > To: TS-850_450_690@
> <mailto:TS-850_450_690%40yahoogroups.com>
> yahoogroups.com
> > <mailto:TS-850_450_690%40yahoogroups.com>
> > Sent: Sunday, June 03, 2007 9:58 AM
> > Subject: [TS-850_450_690] Re: Which Vertical
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> > Here's my .02 Ken,
> >
> > I use a Cushcraft R7 mounted just above the eaves
> at 15'. It requires
> > no ground radials, the counterpoise is made up of
> 7 four foot rods
> > that mount at the base. It has been up two years
> with no problems
> > whatsover. The SWR isn't as broad on 40 as I would
> like but the 850's
> > tuner takes care of that, and of course it doesn't
> cover 80m but I
> > have an inverted V for that band. It is prone to
> picking up noise as
> > all verticals will, but for DX it is a great
> antenna. Worked the
> > Vatican, HV0A on 20 RTTY yesterday through the
> pileup. It pretty much
> > works everything it hears, although I would prefer
> a beam at times.
> > But for $76, (yep that's what I paid for it!) I
> can't go wrong.
> >
> > Max
> > VE3TMT
> >
> > [Non-text portions of this message have been
> removed]
>
=== message truncated ===

Got a little couch potato?
Check out fun summer activities for kids.
http://search.yahoo.com/search?fr=oni_on_mail&p=summer+activities+for+kids&cs=bz

6017. TS450/690 vs TS570

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-06-03 23:45:19 UTC
From: John Geiger
Topic: 6017 Message: 6017

While we are on the topic of comparing rigs, has anyone had the opportunity to compare the 450/690 to the TS570? I currently have a TS690 (love it) and also had one about a year ago. I briefly had a TS570D a couple of years ago, but never had a 690 and 570 at the same time, so I couldn't directly compare them.

Based on what I remember about the 570, it seems that the TS690 has a much better receiver in it. Kenwood sure seemed to fall down on the 570 design by including only 1 optional filter slot. Is the 450/690 a much better receiver? The TS570 does have some features I wish the 690 had, like a built in memory keyer, and the ability to add the DRU3A voice keyer.

73s John W5TD (for another week)

Choose the right car based on your needs. Check out Yahoo! Autos new Car Finder tool.
http://autos.yahoo.com/carfinder/

6018. Re: [TS-850_450_690] TS450/690 vs TS570

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-06-04 12:55:08 UTC
From: Tom LeClerc W1TJL
Topic: 6017 Message: 6018

Hi John,

I currently have a 690SAT myself along with a 950SDX in which I just installed the new roofing filter from Inrad. I spent a bit of time comparing receivers between the two both prior and after and they were not all that far apart (pre-filter).

Now previous to this I had a 570 for a couple of weeks (keeping it for a friend while he moved) and had the opportunity to test it against the 950SDX pre filter. It was not near as good as the 950 so by indirect comaprison I'd say the 690 has a better receiver.

Now the roofing filter I just put in the 950SDX might be usable in the 690. Have to see what Inrad says about that. Electrically I'm sure it would work seeing as the receivers are very similar. There just might not be room for it in the case...

Hope that's of some use...

73, Tom W1TJL

--
Tom LeClerc, Amateur Radio Station W1TJL
(past calls WB1CBY, /VE8,XL8,VO1)

LeClerc Consulting
email: w1tjl@...
PC/Network Consulting

[Non-text portions of this message have been removed]

6019. TS-850 CPU battery life?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-06-04 13:50:35 UTC
From: Zack
Topic: 6019 Message: 6019

Does anyone know how long the CPU battery usually lasts?

73
Zack
N8FNR

6020. Re: [TS-850_450_690] TS-850 CPU battery life? TS450SAT 14+ years

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-06-04 16:35:44 UTC
From: Rodrigo
Topic: 6020 Message: 6020

Hello

I have a TS-450SAT and it is been running for about 14+ years (I bought it new). I did relocated it just in case it ever leaks, keeping the original battery, no reason to replace since it showed a good voltage level when I did it.

73 Rod

----- Original Message -----
From: Zack
To: TS-850_450_690@yahoogroups.com
Sent: Monday, June 04, 2007 10:50 AM
Subject: [TS-850_450_690] TS-850 CPU battery life?

Does anyone know how long the CPU battery usually lasts?

73
Zack
N8FNR

No virus found in this incoming message.
Checked by AVG Free Edition.
Version: 7.5.472 / Virus Database: 269.8.7/830 - Release Date: 6/3/2007 12:47 PM

[Non-text portions of this message have been removed]

6021. Re: Which Vertical

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-06-04 17:30:21 UTC
From: Dave
Topic: 6007 Message: 6021

The performance of all vertically-polarized antennas is seriously affected by your ground conditions out to about 2-4 miles from where the antenna is mounted. If you have poor ground, then your only choice is to copper-plate your entire neighborhood, or elevate the antenna a half wavelength or more. On 80 meters, that gets to be a real challenge.

Now, a low dipole is also affected by the ground. If ground is poor (absorbtive), then the dipole efficiency drops readily to 50%. If the ground is good (reflective), then the dipole radiates straight up.

So there's this odd seeming paradox. If you have lossy soil, then a low dipole may be a better DX antenna than an on-ground vertical. And, if you have lossy soil, the low dipole will be very poor at NVIS. On the other hand, with good soil, the vertical becomes a good DX antenna and the low dipole a good NVIS antenna.

My only experience with verticals is home-brew and a Butternut. I ran an elevated 20 meter full-size vertical with tuned radials and was pleased for DX work. My Butternut HF9V, elevated the same amount and on the same tuned radials, worked exactly as well.

The Butternut is doing so well that I have discontinued the use of my homebrew full-sized verticals. I consider my station modest - a cheap amplifier with the TS-850 and the vertical is my DX station. With that, I worked 130 countries in about 8-10 hours of the CW Worldwide Thanksgiving weekend contest, most of them on 40 meters. I"ve got the antenna mounted at about 12 feet high with four tuned radials for each of 80, 40 and 20 meters.

Dave W8NF

--- In TS-850_450_690@yahoogroups.com, "kjtwlf" <kjtwlf@...> wrote:
>
> You guys were so helpful with my last question, I can't help asking
> another:
>
> I'd like to buy a multi-band vertical antenna to run with my TS-450 on
> 10 to 40 (maybe 80 ?) meters. Anyone have an opinion as to which
> antenna models are better than others?
>
> I've read on-line review of several models (R7000, GAP Titan, Comet
> CHA-250B) and for every "excellent" review there seems to be a "really
> bad" review. Hard to figure out.
>
> Thanks,

> -ken
> N6VDT
>

6022. Re: [TS-850_450_690] TS-850 CPU battery life?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-06-04 19:27:33 UTC
From: ve3wej gmail
Topic: 6019 Message: 6022

Have you a reason to question it?? are you loosing the memory channels???

they say the battery is supposed to last 5 years, but like the other response, "your mileage (kilometers) may vary"

I have had mine since new I think

VE3WEJ
Dave Garber
----- Original Message -----
From: Zack
To: TS-850_450_690@yahoogroups.com
Sent: Monday, June 04, 2007 9:50 AM
Subject: [TS-850_450_690] TS-850 CPU battery life?

Does anyone know how long the CPU battery usually lasts?

73
Zack
N8FNR

[Non-text portions of this message have been removed]

6023. LF-30A Low Pass Filter for sale

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-06-04 19:51:48 UTC
From: ve3tmt
Topic: 6023 Message: 6023

I've got a surplus LF-30A for sale for $45 plus $5 shipping in Canada or the lower 48. Please e-mail me off board. It's not new but in good shape mechanically.

Max
VE3TMT

6024. Thanks

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-06-04 22:15:38 UTC
From: kjtwlf
Topic: 6007 Message: 6024

Thanks again for the great info. Looks like there are some tricks
(and a bit of luck) to getting a vertical to work well. But I guess
I'll try one. Seems like a good way to get my feet wet w/DX.

-ken

--- In TS-850_450_690@yahoogroups.com, "kjtwlf" <kjtwlf@...> wrote:
>
> You guys were so helpful with my last question, I can't help
asking
> another:
>
> I'd like to buy a multi-band vertical antenna to run with my TS-
450 on
> 10 to 40 (maybe 80 ?) meters. Anyone have an opinion as to which
> antenna models are better than others?
>
> I've read on-line review of several models (R7000, GAP Titan,
Comet
> CHA-250B) and for every "excellent" review there seems to be
a "really
> bad" review. Hard to figure out.
>
> Thanks,
> -ken
> N6VDT
>

6025. Re: TS-850 CPU battery life?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-06-04 23:51:41 UTC
From: Zack
Topic: 6019 Message: 6025

My reason for asking about the battery is that my TS-850 is on ebay
know and a potential bidder wanted to know.

Thanks to all who replied!

73
Zack
N8FNR

--- In TS-850_450_690@yahoogroups.com, "ve3wej gmail" <ve3wej@...>
wrote:
>
> Have you a reason to question it?? are you loosing the memory
channels???
>
>
> they say the battery is supposed to last 5 years, but like the
other response, "your mileage (kilometers) may vary"
>
> I have had mine since new I think
>
>
>
> VE3WEJ
> Dave Garber
> ----- Original Message -----
> From: Zack
> To: TS-850_450_690@yahoogroups.com
> Sent: Monday, June 04, 2007 9:50 AM
> Subject: [TS-850_450_690] TS-850 CPU battery life?
>
>
> Does anyone know how long the CPU battery usually lasts?
>
> 73
> Zack
> N8FNR
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

6026. Re: [TS-850_450_690] TS-850 CPU battery life?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-06-05 01:18:32 UTC
From: Tom Osborne
Topic: 6019 Message: 6026

Hi Dave et al

Seems like when guys find the battery is bad is when it leaks all over the boards and ruins them. Seems like changing a battery every so often in an 850 might be good preventative medicine. 73
Tom W7WHY

> Have you a reason to question it?? are you loosing the memory channels???

6027. RE: [TS-850_450_690] TS-850 CPU battery life?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-06-05 06:21:23 UTC
From: John Kramer
Topic: 6019 Message: 6027

I bought my TS-850 SAT new in 1992 (I think - when

they were first released), so it's probably around

15 years old...I have never changed the battery. I

keep telling myself to get it done, but never do anything

about it...but the years go by and it continues to work

with no problem.

How much longer will it last ? who knows..maybe another

5 or 10 years

73

John

Does anyone know how long the CPU battery usually lasts?

73
Zack
N8FNR

[Non-text portions of this message have been removed]

6028. Re: TS-850 CPU battery life?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-06-05 10:43:44 UTC
From: ve3tmt
Topic: 6019 Message: 6028

--- In TS-850_450_690@yahoogroups.com, "John Kramer" <jkramer@...> wrote:

but the years go by and it continues to work with no problem.
How much longer will it last ? who knows..maybe another 5 or 10 years

I would be more concerned about it leaking all over the digital board.
For the amount of time it takes to relocate and or replace I would
seriously think about it. A new battery cost a lot less than a digital
board or service to repair one.

Max
VE3TMT

6029. FS: Kenwood Hand mic

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-06-06 20:21:55 UTC
From: John Geiger
Topic: 6029 Message: 6029

Trying to clean out a few extra things in the shack.
I have a Kenwood hand mic with the 8 pin connector on
it. It has an intermittant connection somewhere, so
might need a new cord, or might just need a new plug.
I am asking $12 shipped in the US.

73s John W5TD

_____
Get the free Yahoo! toolbar and rest assured with the added security of spyware protection.
http://new.toolbar.yahoo.com/toolbar/features/norton/index.php

6030. Re: TS-850 CPU battery life?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-06-06 21:33:08 UTC
From: lightsearch52
Topic: 6019 Message: 6030

I agree that the battery should be changed. It was easy even for a klutz like me. I took a battery holder from a motherboard, added short wires to it, and soldered it in place of the original. Now i can use a 2032 cell and it is easily replaceable.
K9DEH

6031. PSK

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-06-07 19:09:12 UTC
From: k7cu
Topic: 6031 Message: 6031

Has anyone used his/her TS850 on PSK? Any suggestions, hints,
dependable hardware/software, etc. would be appreciated. 73 de Curt K7CU

6032. Re: PSK

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-06-07 19:44:59 UTC
From: ah6rr1
Topic: 6031 Message: 6032

I use the Signalink SL-1+ hooked up to the 13 pin port on the back and it works perfect. I am going to get the Singalink USB to free up my soundcard. As far as software I use MixW that works great and the free Ham Radio Delux for rig control/logging and some PSK.

--- In TS-850_450_690@yahoogroups.com, "k7cu" <k7cu@...> wrote:
>
> Has anyone used his/her TS850 on PSK? Any suggestions, hints,
> dependable hardware/software, etc. would be appreciated. 73 de Curt K7CU
>

6033. Re: [TS-850_450_690] PSK

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-06-07 20:01:19 UTC
From: Rob Frohne
Topic: 6031 Message: 6033

Hi Curt,

I have had problems with RFI getting back in the audio cables from the computer to the TS-850 when running high power (usually SSB when the cables are still hooked up). I also found the best IMD setting was actually driving the TS-850S at about 100 watts, rather than lower power which surprised me.

73,

Rob, KL7NA

k7cu wrote:
> Has anyone used his/her TS850 on PSK? Any suggestions, hints,
> dependable hardware/software, etc. would be appreciated. 73 de Curt K7CU
>
>
>
> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
>
>
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{\fonttbl\f0\fswiss\fcharset77 Helvetica;}
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\f0\fs24 \cf0 Rob Frohne, Ph.D., P.E.\
E.F. Cross School of Engineering\
Walla Walla College\
100 SW 4th Street\
College Place, WA 99324\
(509) 527-2075\
http://www.wwc.edu/~frohro}

[Non-text portions of this message have been removed]

6034. Re: PSK

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-06-07 20:26:01 UTC
From: ve3tmt
Topic: 6031 Message: 6034

--- In TS-850_450_690@yahoogroups.com, "k7cu" <k7cu@...> wrote:
>
> Has anyone used his/her TS850 on PSK? Any suggestions, hints,
> dependable hardware/software, etc. would be appreciated. 73 de Curt K7CU

Curt,

I've been using my 850 on PSK and other digital modes for years. For the audio digital modes I feed the computer LINE OUT and MIC IN signals to the 13 pin DIN on the back of the radio. I run the signals through isolation transformers and have no problem at all with feedback. I have in the past used RigBlaster's but this works just as well. For keying I built an interface from AA5AU's RTTY website. All you need are three transistors and three resistors and a serial cable. One transistor keys the PTT line, one keys the FSK line for RTTY, and the other keys the CW line. I use MixW for the audio digital modes and MMTTY for RTTY work. I am just finishing off another PC to radio interface to computer control of the 850, great for logging and DX spotting. If you have any questions drop me a line off board.

Max

6035. Re: [TS-850_450_690] Re: PSK

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-06-07 21:50:18 UTC
From: crownhaven
Topic: 6031 Message: 6035

I too have used the TS-850S on the digital modes. I run RTTY with MMTTY in the FSK mode. I have run into a problem with distortion on AFSK. This is a known glitch with the 450S/690S/850S. I too use the DIN jack on the back of the radio for my connections. I have used the Rascal interface for both FSK and AFSK. I use Digipan for PSK-31 as it is free. I believe MixW is about $50.00.

Right now, I am using my TS-870S as my primary rig and I don't run into the audio issues with AFSK.

Steve, N4JQQ

ve3tmt wrote:

> --- In TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>, "k7cu" <k7cu@...> wrote:
> >
> > Has anyone used his/her TS850 on PSK? Any suggestions, hints,
> > dependable hardware/software, etc. would be appreciated. 73 de Curt K7CU
>
> Curt,
>
> I've been using my 850 on PSK and other digital modes for years. For
> the audio digital modes I feed the computer LINE OUT and MIC IN
> signals to the 13 pin DIN on the back of the radio. I run the signals
> through isolation transformers and have no problem at all with
> feedback. I have in the past used RigBlaster's but this works just as
> well. For keying I built an interface from AA5AU's RTTY website. All
> you need are three transistors and three resistors and a serial cable.
> One transistor keys the PTT line, one keys the FSK line for RTTY, and
> the other keys the CW line. I use MixW for the audio digital modes and
> MMTTY for RTTY work. I am just finishing off another PC to radio
> interface to computer control of the 850, great for logging and DX
> spotting. If you have any questions drop me a line off board.
>
> Max
>
>

6036. Re: [TS-850_450_690] PSK

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-06-07 22:56:05 UTC
From: ve3wej gmail
Topic: 6031 Message: 6036

same as sstv... I use the 13 pin accessory jack on the rear.

VE3WEJ
Dave Garber
----- Original Message -----
From: k7cu
To: TS-850_450_690@yahoogroups.com
Sent: Thursday, June 07, 2007 3:09 PM
Subject: [TS-850_450_690] PSK

Has anyone used his/her TS850 on PSK? Any suggestions, hints,
dependable hardware/software, etc. would be appreciated. 73 de Curt K7CU

[Non-text portions of this message have been removed]

6037. TS-450S Marker Tone

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-06-08 00:24:16 UTC
From: James Martin
Topic: 6037 Message: 6037

I just picked up a TS-450S. So I don't all the ins and outs of the radio. The thing I have noticed is that it seems to be putting out (what I would call) a marker tone. This is on all the ham bands. It appears to be on the 20's and 70's and repeats itself. I have not figured what it is or how to turn it off. I have gone to the menu and tried and did set everything on reset. But no change. Any one got any ideas?

6038. Re: [TS-850_450_690] TS-450S Marker Tone

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-06-08 13:31:22 UTC
From: Ronnie Bass
Topic: 6037 Message: 6038

yeah you should have brought mine ts 450 i got one for sell and i dont know what your talking about because mine never done that also if you interested its still for sale 475.00 or make offer sorry couldnt be no help

James Martin <wd0hbu@...> wrote: I just picked up a TS-450S. So I don't all the ins and outs of the
radio. The thing I have noticed is that it seems to be putting out
(what I would call) a marker tone. This is on all the ham bands. It
appears to be on the 20's and 70's and repeats itself. I have not
figured what it is or how to turn it off. I have gone to the menu and
tried and did set everything on reset. But no change. Any one got
any ideas?

ERNEST T BASS

[Non-text portions of this message have been removed]

6039. Re: PSK

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-06-08 09:18:28 UTC
From: df2jp_1
Topic: 6031 Message: 6039

Hello and good morning from Germany,

been using my 850 in PSK and other digital modes for 6 years.
Interface is homemade with 2 insulation transformers an an
optocoupler.
The transceiver is controlled by a cheap "Ebay-Cable" cost only 15
bucks instead of the original, expensive Kenwood interface. Software
is Ham Radio DeLuxe by HB9DRV (Freeware!), works excellent!
The output in PSK is only 20 Watt!! to get an IMD of -30dB, it is
controlled by PSK-Meter (KF6VSG). I see every day people who has 40-
50 watts out with there 100 watt transceivers, but there IMD is so bad
and produce splatters on the whole band. By the way, PSK is a qrp
mode where 40 or more people use a single SSB channel (2,4KHz)
I´ve 2 INRAD 400Hz-Filters built in in my 850 (2nd and 3rd IF) wich
are much better than the original Kenwood Filters and do a
very good job for PSK. An external DSP is also helpful, I´ve never a
chance to try a DSP-100, but been using a NIR-12. I found that
ONBOARD soundcards are also not so useful for PSK, try a better one,
such as Creative Audigy2 or so, this is a big, big difference to get
week signals decoded in a distorted channel.

vy 73´s de Joe <DF2JP> in Duesseldorf (act. 168 countries in PSK)

--- In TS-850_450_690@yahoogroups.com, "k7cu" <k7cu@...> wrote:
>
> Has anyone used his/her TS850 on PSK? Any suggestions, hints,
> dependable hardware/software, etc. would be appreciated. 73 de Curt
K7CU
>

6040. Re: [TS-850_450_690] TS-450S Marker Tone

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-06-08 19:19:54 UTC
From: ve3wej gmail
Topic: 6037 Message: 6040

Maybe thts why it was sold.. I know of no marker tones on the 450 or 850 series....

Sounds like a local thing in the house??? or from within the radio (a birdie)

VE3WEJ
Dave Garber
----- Original Message -----
From: James Martin
To: TS-850_450_690@yahoogroups.com
Sent: Thursday, June 07, 2007 8:24 PM
Subject: [TS-850_450_690] TS-450S Marker Tone

I just picked up a TS-450S. So I don't all the ins and outs of the
radio. The thing I have noticed is that it seems to be putting out
(what I would call) a marker tone. This is on all the ham bands. It
appears to be on the 20's and 70's and repeats itself. I have not
figured what it is or how to turn it off. I have gone to the menu and
tried and did set everything on reset. But no change. Any one got
any ideas?

[Non-text portions of this message have been removed]

6041. Re: TS-450S Marker Tone

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-06-08 19:29:10 UTC
From: ve3tmt
Topic: 6037 Message: 6041

I just picked up a TS-450S. So I don't all the ins and outs of the radio. The thing I have noticed is that it seems to be putting out (what I would call) a marker tone. This is on all the ham bands. It appears to be on the 20's and 70's and repeats itself. I have not figured what it is or how to turn it off. I have gone to the menu and tried and did set everything on reset. But no change. Any one got any ideas?

Hook the 450 up to a car battery and your antenna. Go to the breaker panel and flip all the breakers off one by one. If something in your house is causing the interference, the noise will disappear when the appropriate breaker is tripped. If you succeed, trace all the circuits fed through this breaker and you may find the offending item. I traced an HF hash to my TV in the living room by doing this.

If you flip all the breakers and the noise is still there, it may be coming from somewhere else in the neighborhood or you may have a problem with the radio. Better to rule everything else out first.

Max
VE3TMT

6042. FS TS-850S

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-06-08 22:52:38 UTC
From: lightsearch52
Topic: 6042 Message: 6042

I am selling my 850. S/N 307000614
This rig comes with autotuner built in, YK88CN-1 CW filter, YN88SN-1 SSB filter, hand mike, power cable, Instruction manual, Service manual, Remote manual.
Battery has been replaced, as has the DC-DC board and TRX board.
This rig has recently been returned from AVVID, where Clif replaced all electrolytics on the CAR unit and re-aligned as necessary.
I need a new laptop, so need the money. This ia a wonderful radio.
Only cosmetic item is a previous owner used an etching tool to put his call sign in the top cover....(jeez). This radio was a hit last year at Field Day and should be even better this year. Pictures available upon request. Please contact me off list.

Doyle / K9DEH

Asking $750.00
CONUS only
$40.00 ships it coast-to-coast.

6043. AGC problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-06-10 21:00:38 UTC
From: javijust
Topic: 6043 Message: 6043

Hi

I've an intermitent failure of AGC, In 18Mhz sometimes I've no audio, with AGC in position OFF I can hear !! but in other position I've RX signal but no audio, it seems a problem in agc board, but any idea?.

Please tell me where is located AGC board, I'll try to verify if there are a component failure.

Xavi
EA3EYD

6044. Re: [TS-850_450_690] AGC problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-06-10 23:01:45 UTC
From: Ronald Potter
Topic: 6043 Message: 6044

Xavi,

If this is TS-850, from service manual, AGC is Board X59-3820-00 and is located on the IF Board, X48-3080-00. The IF board is on bottom of radio.

73

Ron - AG1P

----- Original Message ----
From: javijust <vxjf@...>
To: TS-850_450_690@yahoogroups.com
Sent: Sunday, June 10, 2007 4:00:38 PM
Subject: [TS-850_450_690] AGC problem

Hi

I've an intermitent failure of AGC, In 18Mhz sometimes I've no audio,
with AGC in position OFF I can hear !! but in other position I've RX
signal but no audio, it seems a problem in agc board, but any idea?.

Please tell me where is located AGC board, I'll try to verify if there
are a component failure.

Xavi
EA3EYD

Now that's room service! Choose from over 150,000 hotels
in 45,000 destinations on Yahoo! Travel to find your fit.
http://farechase.yahoo.com/promo-generic-14795097

[Non-text portions of this message have been removed]

6045. See my TS-850S on eBay

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-06-11 21:22:14 UTC
From: lightsearch52
Topic: 6045 Message: 6045

Item # is 330132678171

K9DEH

6046. Kenwood Filters for sale

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-06-15 13:26:41 UTC
From: John Geiger
Topic: 6046 Message: 6046

I have for sale an INRAD #103 400hz CW filter for the 8.83 mhz IF, and a Kenwood YG455CN-1 270hz CW filter for the 455khz IF. These fit the TS450/690/850/930/940/950 and the INRAD will also fit in the TS570.

I am asking $80 each shipped.

73s John AA5JG
(ex: W5TD, NE0P, N0EEN, KA0IFG)
Confirmed 6M addict: 6M WAS #1275, 6m VUCC #1260

[Non-text portions of this message have been removed]

6047. IF10D

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-06-15 15:16:40 UTC
From: Terry
Topic: 6047 Message: 6047

Hello,can i ask TS-850 users advice please - i am thinking of purchasing a TS-850 which i want to run under computer control using the G4ZLP interface however i notice on the ad for the interface that various of the Kenwood transceivers need the IF10D to be installed into the radio - it also goes on to say that most of the TS-850's do have the IF10D fitted as standard.

Can anyone tell me how do i know it the IF10D is fitted to the radio that i am interested in.

Many Thanks and 73es.

Terry.

6048. Re: [TS-850_450_690] IF10D

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-06-15 17:04:46 UTC
From: Zack Widup
Topic: 6047 Message: 6048

My understanding is that the IF10D does not install inside the radio. It connects between the ACC1 connector and the computer's serial port.

The ACC1 connector uses TTL-level voltages to send and receive control signals to the TS-850. You need something to convert to RS-232 levels if you're going to use a computer's serial port.

I just built up a circuit using a MAX232 chip. Pretty easy to do.

73, Zack W9SZ

On Fri, 15 Jun 2007, Terry wrote:

> Hello,can i ask TS-850 users advice please - i am thinking of
> purchasing a TS-850 which i want to run under computer control using
> the G4ZLP interface however i notice on the ad for the interface that
> various of the Kenwood transceivers need the IF10D to be installed into
> the radio - it also goes on to say that most of the TS-850's do have
> the IF10D fitted as standard.
>
> Can anyone tell me how do i know it the IF10D is fitted to the radio
> that i am interested in.
>
> Many Thanks and 73es.
>
> Terry.
>

6049. Re: [TS-850_450_690] IF10D

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-06-15 17:13:10 UTC
From: ve3wej gmail
Topic: 6047 Message: 6049

no if10d needed for the 850

the 10d was for the ts940 and that era of radio

ts140, 440, 940, and others required the ic chipset AND the if232c interface

VE3WEJ
Dave Garber
----- Original Message -----
From: Terry
To: TS-850_450_690@yahoogroups.com
Sent: Friday, June 15, 2007 11:16 AM
Subject: [TS-850_450_690] IF10D

Hello,can i ask TS-850 users advice please - i am thinking of
purchasing a TS-850 which i want to run under computer control using
the G4ZLP interface however i notice on the ad for the interface that
various of the Kenwood transceivers need the IF10D to be installed into
the radio - it also goes on to say that most of the TS-850's do have
the IF10D fitted as standard.

Can anyone tell me how do i know it the IF10D is fitted to the radio
that i am interested in.

Many Thanks and 73es.

Terry.

[Non-text portions of this message have been removed]

6050. Re: [TS-850_450_690] IF10D

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-06-15 17:16:01 UTC
From: ve3wej gmail
Topic: 6047 Message: 6050

sorry, if10d shows as being for the TS-50 radio only

VE3WEJ
Dave Garber
----- Original Message -----
From: Terry
To: TS-850_450_690@yahoogroups.com
Sent: Friday, June 15, 2007 11:16 AM
Subject: [TS-850_450_690] IF10D

Hello,can i ask TS-850 users advice please - i am thinking of
purchasing a TS-850 which i want to run under computer control using
the G4ZLP interface however i notice on the ad for the interface that
various of the Kenwood transceivers need the IF10D to be installed into
the radio - it also goes on to say that most of the TS-850's do have
the IF10D fitted as standard.

Can anyone tell me how do i know it the IF10D is fitted to the radio
that i am interested in.

Many Thanks and 73es.

Terry.

[Non-text portions of this message have been removed]

6051. Re: [TS-850_450_690] IF10D

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-06-15 17:16:44 UTC
From: ve3wej gmail
Topic: 6047 Message: 6051

here look at the
http://www.w5bbr.com/mfj5383.html

VE3WEJ
Dave Garber
----- Original Message -----
From: Terry
To: TS-850_450_690@yahoogroups.com
Sent: Friday, June 15, 2007 11:16 AM
Subject: [TS-850_450_690] IF10D

Hello,can i ask TS-850 users advice please - i am thinking of
purchasing a TS-850 which i want to run under computer control using
the G4ZLP interface however i notice on the ad for the interface that
various of the Kenwood transceivers need the IF10D to be installed into
the radio - it also goes on to say that most of the TS-850's do have
the IF10D fitted as standard.

Can anyone tell me how do i know it the IF10D is fitted to the radio
that i am interested in.

Many Thanks and 73es.

Terry.

[Non-text portions of this message have been removed]

6052. Re: IF10D

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-06-15 20:48:12 UTC
From: ve3tmt
Topic: 6047 Message: 6052

Terry,

You do not need the IF10D. A simple MAX232A with a 7404 inverter will do nicely. There is a schematic of the circuit I use in the files section. I just finished building another for my latest 850 and it works great. I mount mine inside the radio where the VS-2 board would go under the hatch. It involves removing the external tuner molex power plug and put a DB9 in its place. Next step is to remove the board with the 6 pin DIN plug (where the external IF232 would plug into) and solder the wires from the converter to the same pins. Power for the circuit is borrowed from the power pins that went to the tuner connector. Very easy to do and now all you need is a serial cable to hook the 850 to the computer.

If anyone is interested I have extra parts on hand and can supply the interface for a small fee.

Max
VE3TMT

6053. Re: IF10D

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-06-15 23:13:59 UTC
From: Terry
Topic: 6047 Message: 6053

Hello,thanks for the replies most helpful,this evening i have had a word with one of the semi local stations over here ! he runs a TS-850 ! under computer control he also says that the IF10D is not needed for the TS-850 or at least not for his transceiver.

I will play it by ear when i get the 850 on Monday and see how things work out.

Again thanks for the replies and help.

73es from a very wet West Yorkshire !! we have 4 foot of flood water on the road about 1 mile from here !!.

Terry.

6054. For Sale: Kenwood TS-940SAT station

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-06-16 03:13:17 UTC
From: Brian Mileshosky
Topic: 6054 Message: 6054

Hi Everyone -

Slightly off topic since it's a different model number (close counts, right?).

I have for sale a classic and beautiful Kenwood TS-940SAT station consisting of the following: Kenwood TS-940SAT transceiver (6 million serial number) with automatic antenna tuner and built-in power supply, SP-940 matching speaker, SW-2000 SWR/power meter, MC-60 desk microphone, original owner's manual, electronic copy of the service manual, and electronic copy of the SW-2000 manual.

This station comes from a non-smoking environment. The transceiver was calibrated, checked and aligned to specification by Kenwood in 2001. Everything is in great to excellent physical condition. The only quirks to note is that the tiny LCD display sometimes blanks, but tapping it solves the problem -- most likely a dirty connection to the display. The monitor function (a minor function which allows an operator to listen to his own voice through headphones while transmitting) does not seem to function. Everything else works fine.

Price: $800 plus shipping within the United States; may consider shipping to Canada. I'll accept only a money order, preferably USPS money order. Pictures are available if requested. Please email me off-list if interested (serious inquiries only please).

73,

Brian, N5ZGT

[Non-text portions of this message have been removed]

6055. Re: IF10D

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-06-17 18:45:46 UTC
From: bigfork04
Topic: 6047 Message: 6055

--- In TS-850_450_690@yahoogroups.com, "ve3tmt" <ve3tmt@...> wrote:
>
> Terry,
>
> You do not need the IF10D. A simple MAX232A with a 7404 inverter will
> do nicely. There is a schematic of the circuit I use in the files
> section. I just finished building another for my latest 850 and it
> works great. I mount mine inside the radio where the VS-2 board would
> go under the hatch. It involves removing the external tuner molex
> power plug and put a DB9 in its place. Next step is to remove the
> board with the 6 pin DIN plug (where the external IF232 would plug
> into) and solder the wires from the converter to the same pins. Power
> for the circuit is borrowed from the power pins that went to the
> tuner connector. Very easy to do and now all you need is a serial
> cable to hook the 850 to the computer.
>
> If anyone is interested I have extra parts on hand and can supply the
> interface for a small fee.
>
> Max
> VE3TMT
>
I use a W1GEE interface cable with N4YP software to run my 850 thru my
laptop. I had to use a RS-232 to USB connector also as my laptop has
no RS-232 ports.

Kl1J

6056. FS: Kenwood YK88SN-1 SSB filter

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-06-18 18:48:44 UTC
From: John Geiger
Topic: 6056 Message: 6056

I have for sale a Yaesu YK88SN-1 1.8khz SSB filter for the 930/940/950/450/690/850/570 models. This is the 8.83khz IF filter, and makes a nice difference under crowded band conditions. This is the filter on the circuit board, not the solder in one. I am asking $75 shipped in the CONUS for it. Can take paypal or MO.

73s John AA5JG
(ex: W5TD, NE0P, N0EEN, KA0IFG)
Confirmed 6M addict: 6M WAS #1275, 6m VUCC #1260

[Non-text portions of this message have been removed]

6057. Bad Output

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-06-20 12:50:52 UTC
From: Rich Schmuke
Topic: 6057 Message: 6057

I have a TS-450S that I moved to a different set up and changed some antennas. When i fired it up and went to check the SWR it was in constant change , the SWR meter swaying up and down. I checked the cables , lowered the antenna checked it, retried ,kept checking and trying. Problem was the power supply lost regulation and voltage would go high. Power fixed now, but I think I cooked the radio, out put is low and eratic on all modes, some times all drops out. Where is a good place to send it for
repair.

Rich , kd0zz in the middle of Missouri , out in the sticks with the hicks and the ticks.

6058. Re: TS-450 vs. IC-706

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-06-20 12:52:14 UTC
From: mark2w0jmk
Topic: 5998 Message: 6058

--- In TS-850_450_690@yahoogroups.com, "kjtwlf" <kjtwlf@...> wrote:
>
> I'm brand new to this group and hope this question hasn't been
> discussed previously (I searched and didn't find anything very
> recent): I have a TS-450 and am thinking about adding a dual band FM
> radio to my collection. I'm wondering if I might be better off
> selling the 450 and buying a new IC-706 which would, apparently, cover
> all bases. What I'm wondering is if the IC-706 lacks something in the
> HF bands that the 450 has. Is the 450 a better HF rig than the 706?
>
> Any opinions?
>
> -Ken
> N6VDT
>
well i own the two of them the icom is a mk1 give me the ts-450 for hf
any day i only use the 706 mk1 for 6 meters and if i can find a
kenwood ts-690 i would part with the two of them straight away from
mark 2w0jmk

6059. Re: [TS-850_450_690] Bad Output

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-06-20 15:41:12 UTC
From: Galen Barnaby
Topic: 6057 Message: 6059

I had a problem with my 850 power being erratic. the
pins where the power connect plugged into the radio
had spread and was loose. Worth a look.

I just got mine back from repair. I have used them 3
times and been happy with the service.

Kenwood Authorized Service Center East
829 LynnHaven Pkwy., Suite 130
Virginia Beach, VA 23452
Fax: (757) 340-6809
Repairs Only: (757) 340-1702

--- Rich Schmuke <rdj@...> wrote:

> I have a TS-450S that I moved to a different set up
> and changed some
> antennas. When i fired it up and went to check the
> SWR it was in
> constant change , the SWR meter swaying up and down.
> I checked the
> cables , lowered the antenna checked it, retried
> ,kept checking and
> trying. Problem was the power supply lost regulation
> and voltage would
> go high. Power fixed now, but I think I cooked the
> radio, out put is
> low and eratic on all modes, some times all drops
> out. Where is a good
> place to send it for
> repair.
>
> Rich , kd0zz in the middle of Missouri , out in the
> sticks with the
> hicks and the ticks.
>
>

We won't tell. Get more on shows you hate to love
(and love to hate): Yahoo! TV's Guilty Pleasures list.
http://tv.yahoo.com/collections/265

6060. Re: [TS-850_450_690] Bad Output

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-06-20 15:28:35 UTC
From: John Geiger
Topic: 6057 Message: 6060

www.avvid.com

(ex: W5TD, NE0P, N0EEN, KA0IFG)
Confirmed 6M addict: 6M WAS #1275, 6m VUCC #1260

----- Original Message -----
From: Rich Schmuke
To: TS-850_450_690@yahoogroups.com
Sent: Wednesday, June 20, 2007 12:50 PM
Subject: [TS-850_450_690] Bad Output

I have a TS-450S that I moved to a different set up and changed some antennas. When i fired it up and went to check the SWR it was in constant change , the SWR meter swaying up and down. I checked the cables , lowered the antenna checked it, retried ,kept checking and trying. Problem was the power supply lost regulation and voltage would go high. Power fixed now, but I think I cooked the radio, out put is low and eratic on all modes, some times all drops out. Where is a good place to send it for
repair.

Rich , kd0zz in the middle of Missouri , out in the sticks with the hicks and the ticks.

[Non-text portions of this message have been removed]

6061. Re: TS-450 vs. IC-706

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-06-21 13:26:53 UTC
From: n5kzw
Topic: 5998 Message: 6061

I also own both. I run the IC706 in the truck for HF mobile, but I would not think of using it for FM on 2m or 440. I have a separate dual-band rig in the truck for repeater operation. I have used the 706 for 2m SSB but it does not compare to "real" dual-band rig for repeater operation.

Regards,
Ed
--- In TS-850_450_690@yahoogroups.com, "kjtwlf" <kjtwlf@...> wrote:
>
> I'm brand new to this group and hope this question hasn't been
> discussed previously (I searched and didn't find anything very
> recent): I have a TS-450 and am thinking about adding a dual band FM
> radio to my collection. I'm wondering if I might be better off
> selling the 450 and buying a new IC-706 which would, apparently, cover
> all bases. What I'm wondering is if the IC-706 lacks something in the
> HF bands that the 450 has. Is the 450 a better HF rig than the 706?
>
> Any opinions?
>
> -Ken
> N6VDT
>

6062. Continuing problems with DC-DC board

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-06-22 18:14:26 UTC
From: Dave
Topic: 6062 Message: 6062

I replaced this thing about a year ago and the rig ran for a month. Then the usual ALC issue popped up - rig would start at 100W, then drop to zero, then up to 100W. I replaced the DC-DC converter board again, but this time, no change in symptoms. What else might be the cause of this problem?

Dave W8NF

6063. Re: [TS-850_450_690] Continuing problems with DC-DC board

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-06-22 19:03:11 UTC
From: ve3wej gmail
Topic: 6062 Message: 6063

is this into a dummy load or a antenna (maybe antenna is actually going high swr??)

was the dc board new ones, rebuilt, or someone used but not working board

VE3WEJ
Dave Garber
----- Original Message -----
From: Dave
To: TS-850_450_690@yahoogroups.com
Sent: Friday, June 22, 2007 2:14 PM
Subject: [TS-850_450_690] Continuing problems with DC-DC board

I replaced this thing about a year ago and the rig ran for a month.
Then the usual ALC issue popped up - rig would start at 100W, then
drop to zero, then up to 100W. I replaced the DC-DC converter board
again, but this time, no change in symptoms. What else might be the
cause of this problem?

Dave W8NF

[Non-text portions of this message have been removed]

6064. Re: Continuing problems with DC-DC board

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-06-22 20:54:43 UTC
From: Clif
Topic: 6062 Message: 6064

There are 2-3 electrolytic caps right beside the board that have to be changed also.

Clif

--- In TS-850_450_690@yahoogroups.com, "Dave" <emailw8nf@...> wrote:
>
> I replaced this thing about a year ago and the rig ran for a month.
> Then the usual ALC issue popped up - rig would start at 100W, then
> drop to zero, then up to 100W. I replaced the DC-DC converter board
> again, but this time, no change in symptoms. What else might be the
> cause of this problem?
>
> Dave W8NF
>

6065. Re: Continuing problems with DC-DC board

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-06-23 06:04:53 UTC
From: Dave
Topic: 6062 Message: 6065

Hmmm....did those caps once before, might as well do them
again....thanks for the reminder.

Dave W8NF

--- In TS-850_450_690@yahoogroups.com, "Clif" <clif@...> wrote:
>
> There are 2-3 electrolytic caps right beside the board that have to be
> changed also.
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "Dave" <emailw8nf@> wrote:
> >
> > I replaced this thing about a year ago and the rig ran for a month.
> > Then the usual ALC issue popped up - rig would start at 100W, then
> > drop to zero, then up to 100W. I replaced the DC-DC converter board
> > again, but this time, no change in symptoms. What else might be the
> > cause of this problem?
> >
> > Dave W8NF
> >
>

6066. Re:Continuing problems with DC-DC board

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-06-23 11:14:41 UTC
From: Larry & Cricket Nunnery
Topic: 6062 Message: 6066

Hello,I had the same problem and I did post the answer to the problem several years ago on this group.check your MEMORY BATTERY.one quick way to check the battery is to test the rigs MEMORY FUNCTION.to do this,store a frequency in one of the rigs MEMORY CHANNELS,then verify the frequency is in MEMORY by going back to VFO mode then switching back to the MEMORY CHANNEL you saved the new frequency in.it should be there.now,turn off the radio and disconnect it from the power supply for about 10 minutes.after the 10 minutes has past,reconnect the power supply,and turn on the radio,then select the MEMORY CHANNEL where your new frequency is.if the frequency is not in the MEMORY CHANNEL,the battery is BAD and must be replaced.think about this: the 850 has a CPU MENU of various optional operations which are also saved to MEMORY this is the area that is effected by the MEMORY LOSS and is the cause for the problem you describe after replacing the DC TO DC BOARD.at this point you should inspect and verify the voltage of the battery if the battery has corrorsion on it which indicates leakage,replace the battery and do a reset of the CPU.you can skip the above MEMORY TEST and just check the battery voltage (should be close to 3 volts) and condition.if the battery shows any leakage what so ever, go ahead and replace the battery before it damages the CPU circuit board.don't forget to do a CPU RESET after replacing the battery.73,N4QDE-Larry.

[Non-text portions of this message have been removed]

6067. FS: TS450/690 service manual

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-06-23 21:52:14 UTC
From: John Geiger
Topic: 6067 Message: 6067

I have for sale the Kenwood service manual (original, not a copy) for the TS450/690. Comes with all of the schematics, and is in great condition. I am asking $20 shipped in the US.

73s John AA5JG
(ex: W5TD, NE0P, N0EEN, KA0IFG)
Confirmed 6M addict: 6M WAS #1275, 6m VUCC #1260

6068. FS: Kenwood 500hz CW filter

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-06-23 21:55:27 UTC
From: John Geiger
Topic: 6068 Message: 6068

I have for sale a Kenwood YK88C-1 500 hz CW filter for the Kenwood TS450/850/950/940/930/570 radios. I am asking $80 shipped in the US. Sells new for $130.

73s John AA5JG
(ex: W5TD, NE0P, N0EEN, KA0IFG)
Confirmed 6M addict: 6M WAS #1275, 6m VUCC #1260

6069. Mounting AV-640 Vertical Antenna

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-06-23 23:45:28 UTC
From: kjtwlf
Topic: 6069 Message: 6069

After consultation with this group, I bought a Hy-gain AV-640 vertical antenna. It's assembled and sitting on the front deck. I have a question about where to erect it.

I'm going to attach it to a modified A-frame cabin. I thought I'd run a steel pipe from the ground up to the roof line and set the antenna on top of that. There are two fairly obvious places to put it: on the end of the cabin or on the side. If I put it on the end, the pipe would run up to the peak of the roof (~25 feet!) and the antenna would be higher than any spot on the roof and would have an unhindered "view" in all directions. If I put it on the side, I have the option of mounting the antenna lower, but some of its "view" would be blocked by the cabin roof.

The question is, how important is it to get the antenna up higher than the peak of the roof?

-ken
N6VDT

6070. Re: [TS-850_450_690] FS: TS450/690 service manual

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-06-24 00:58:05 UTC
From: DaveH
Topic: 6067 Message: 6070

David R. Henry LME
Licensed Master Electrician
Amateur Radio W2DRH
Member ARRL
Accredited Instructor

----- Original Message -----
From: "John Geiger" <aa5jg@...>
To: <kenwood@...>; <TS-850_450_690@yahoogroups.com>;
<forsale-swap@...>
Sent: Saturday, June 23, 2007 5:52 PM
Subject: [TS-850_450_690] FS: TS450/690 service manual

>I have for sale the Kenwood service manual (original, not a copy) for the
> TS450/690. Comes with all of the schematics, and is in great condition.
> I
> am asking $20 shipped in the US.
>
> 73s John AA5JG
> (ex: W5TD, NE0P, N0EEN, KA0IFG)
> Confirmed 6M addict: 6M WAS #1275, 6m VUCC #1260
>
>
>
>
>
> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
>
>
>
>

6071. Re: Mounting AV-640 Vertical Antenna

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-06-24 03:42:32 UTC
From: ve3tmt
Topic: 6069 Message: 6071

--- In TS-850_450_690@yahoogroups.com, "kjtwlf" <kjtwlf@...> wrote:

> The question is, how important is it to get the antenna up higher than
> the peak of the roof?
>
> -ken
> N6VDT

You might get more answers if you post this in an antenna group Ken,
but for what it is worth, my R7 sits on top of a 15' mast just above
the roofline, with the peak of the roof to the south higher than the
antenna and it has no effect on the signal whatsoever.

Max

6072. Re: [TS-850_450_690] Mounting AV-640 Vertical Antenna

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-06-24 11:59:35 UTC
From: Paul
Topic: 6069 Message: 6072

Put it on the end...

With any antenna system, higher is better and blocking is bad.

Paul - K2BK

kjtwlf wrote:
>
> After consultation with this group, I bought a Hy-gain AV-640 vertical
> antenna. It's assembled and sitting on the front deck. I have a
> question about where to erect it.
>
> I'm going to attach it to a modified A-frame cabin. I thought I'd run
> a steel pipe from the ground up to the roof line and set the antenna
> on top of that. There are two fairly obvious places to put it: on the
> end of the cabin or on the side. If I put it on the end, the pipe
> would run up to the peak of the roof (~25 feet!) and the antenna would
> be higher than any spot on the roof and would have an
> unhindered "view" in all directions. If I put it on the side, I have
> the option of mounting the antenna lower, but some of its "view" would
> be blocked by the cabin roof.
>
> The question is, how important is it to get the antenna up higher than
> the peak of the roof?
>
> -ken
> N6VDT
>
>
>

6073. FS: TS450/690 external control manual

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-06-24 19:16:05 UTC
From: John Geiger
Topic: 6073 Message: 6073

I have for sale the original (not a copy) Kenwood external control instruction manual for the TS450/690. It gives instructions on computer control of the 450/690. I am asking $10 shipped for it.

73s John AA5JG
(ex: W5TD, NE0P, N0EEN, KA0IFG)
Confirmed 6M addict: 6M WAS #1275, 6m VUCC #1260

6074. Re: Mounting AV-640 Vertical Antenna

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-06-25 00:46:58 UTC
From: kjtwlf
Topic: 6069 Message: 6074

Thanks, everyone.

6075. surge absorber

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-06-25 09:14:42 UTC
From: mark2w0jmk
Topic: 6075 Message: 6075

hi can anyone tell me where i can buy a surge absorber for a kenwood ts-450/sat i live in the uk thanks from mark 2w0jmk

6076. FS: Kenwood TS450 in excellent condition

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-06-25 18:22:09 UTC
From: John AA5JG
Topic: 6076 Message: 6076

I have for sale a very nice looking Kenwood TS450SAT 100 watt HF rig with autotuner. The receiver in this radio is outstanding and the autotuner will load up almost anything you throw at it. Everything works fine on the radio, and I kind of hate to sell it, but looking at getting HF and 6m into one radio to make the cables and interfacing easier in the shack.

The TS450 has the manual (original, not a copy) mic, and power cord with it. You will not be disappointed in the way this radio works or looks. I am asking $540 shipped in the US for it.

73s John AA5JG

6077. USB and LSB RX problem TS-850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-06-26 04:44:56 UTC
From: Mike
Topic: 6077 Message: 6077

This last Field day I was jumping around 20, 40, 80 meters and USB to LSB. I found that I would receive the same signal level on both, the same station. Calling a friend I checked out TX and it was fine for both modes. But the receive was the same for both USB and LSB.
Recently I repaired the display by replacing the caps. I was thinking the caps on the CAR pcb maybe going bad causing this rx problem. Any ideas?
NM1KE
Mike

6078. Re: USB and LSB RX problem TS-850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-06-26 14:16:48 UTC
From: ve3tmt
Topic: 6077 Message: 6078

--- In TS-850_450_690@yahoogroups.com, "Mike" <mkwags@...> wrote:
>
> This last Field day I was jumping around 20, 40, 80 meters and USB to
> LSB. I found that I would receive the same signal level on both, the
> same station. Calling a friend I checked out TX and it was fine for
> both modes. But the receive was the same for both USB and LSB.
> Recently I repaired the display by replacing the caps. I was thinking
> the caps on the CAR pcb maybe going bad causing this rx problem. Any
> ideas?
> NM1KE
> Mike
>

Mike,

If you have the filter selection on 6K or 12K you will hear the received station on both sidebands. However when you transit, if you haven't enabled the filters to switch on TX then your friend will only copy you on the appropriate sideband, because your bandwidth is 2.7 Khz at the most. Check which filters are lit on the display on RX.

Just for fun, find a strong signal on a band and set the 455 filter on 12K and the 883 filter on 6K. While listening to the station switch between USB and LSB. You will hear it equally. Now set both your filters to 2.7 and do the same. You will only be able to hear him on the proper sideband.

Max
VE3TMT

6079. Re:Continuing problems with DC-DC board

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-06-26 22:57:10 UTC
From: Dave
Topic: 6062 Message: 6079

--- In TS-850_450_690@yahoogroups.com, "Larry & Cricket Nunnery" <wldn96@...> wrote:
>
> Hello,I had the same problem and I did post the answer to the problem several years ago on this group.check your MEMORY BATTERY.one quick way to check the battery is to test the rigs MEMORY FUNCTION.to do this,store a frequency in one of the rigs MEMORY CHANNELS,then verify the frequency is in MEMORY by going back to VFO mode then switching back to the MEMORY CHANNEL you saved the new frequency in.it should be there.now,turn off the radio and disconnect it from the power supply for about 10 minutes.after the 10 minutes has past,reconnect the power supply,and turn on the radio,then select the MEMORY CHANNEL where your new frequency is.if the frequency is not in the MEMORY CHANNEL,the battery is BAD and must be replaced.think about this: the 850 has a CPU MENU of various optional operations which are also saved to MEMORY this is the area that is effected by the MEMORY LOSS and is the cause for the problem you describe after replacing the DC TO DC BOARD.at this point you should inspect and verify the voltage of the battery if the battery has corrorsion on it which indicates leakage,replace the battery and do a reset of the CPU.you can skip the above MEMORY TEST and just check the battery voltage (should be close to 3 volts) and condition.if the battery shows any leakage what so ever, go ahead and replace the battery before it damages the CPU circuit board.don't forget to do a CPU RESET after replacing the battery.73,N4QDE-Larry.
>
> [Non-text portions of this message have been removed]
>

Why would a bad memory battery have any impact at all on the transmitter's ALC function? The circuits have nothing to do with each other.

OTOH...I turn off the entire shack when I'm not using it, and it often goes weeks without me using it. When I turn things back on and dial up a memory channel, there's the previously-stored frequency and mode, right where it's been for quite a while. So, the memory battery seems fine.

I'm just curious how it could possibly have anything to do with the TX ALC?

Dave W8NF

6080. FS: INRAD 400hz CW filter

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-06-27 01:16:41 UTC
From: John Geiger
Topic: 6080 Message: 6080

I have ended up with one spare INRAD 400HZ CW filter for the 8.83mhz IF on Kenwood radios This is the filter on the circuit board that fits the 450/570/690/850/950 series of radios I am asking $75 shipped in the US, and can work out international shipping.

73s John AA5JG
(ex: W5TD, NE0P, N0EEN, KA0IFG)
Confirmed 6M addict: 6M WAS #1275, 6m VUCC #1260

6081. Re: USB and LSB RX problem TS-850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-06-26 23:34:53 UTC
From: Mike
Topic: 6077 Message: 6081

--- In TS-850_450_690@yahoogroups.com, "ve3tmt" <ve3tmt@...> wrote:
>
> --- In TS-850_450_690@yahoogroups.com, "Mike" <mkwags@> wrote:
> >
> > This last Field day I was jumping around 20, 40, 80 meters and USB to
> > LSB. I found that I would receive the same signal level on both, the
> > same station. Calling a friend I checked out TX and it was fine for
> > both modes. But the receive was the same for both USB and LSB.
> > Recently I repaired the display by replacing the caps. I was thinking
> > the caps on the CAR pcb maybe going bad causing this rx problem. Any
> > ideas?
> > NM1KE
> > Mike
> >
>
> Mike,
>
> If you have the filter selection on 6K or 12K you will hear the
> received station on both sidebands. However when you transit, if you
> haven't enabled the filters to switch on TX then your friend will only
> copy you on the appropriate sideband, because your bandwidth is 2.7
> Khz at the most. Check which filters are lit on the display on RX.
>
> Just for fun, find a strong signal on a band and set the 455 filter on
> 12K and the 883 filter on 6K. While listening to the station switch
> between USB and LSB. You will hear it equally. Now set both your
> filters to 2.7 and do the same. You will only be able to hear him on
> the proper sideband.
>
> Max
> VE3TMT
>

Thanks Max. I did as you suggested. Everything works as discribed.
How releived that I dont have a problem :)
Now to have some more FUN!
73's
NM1KE
Mike
PS: And again thanks for the info!

6082. Re:Continuing problems with DC-DC board

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-06-27 17:11:13 UTC
From: Clif
Topic: 6062 Message: 6082

I wondered that myself about the alc and battery.

No need to go thru all the gyrations to check the battery. If when the radio is turned on it comes up wherever you left it the battery is OK. If it comes up at 14.000.00 mHz USB the battery is bad.

Clif

-- In TS-850_450_690@yahoogroups.com, "Dave" <emailw8nf@...> wrote:
>
> --- In TS-850_450_690@yahoogroups.com, "Larry & Cricket Nunnery"
> <wldn96@> wrote:
> >
> > Hello,I had the same problem and I did post the answer to the
> problem several years ago on this group.check your MEMORY BATTERY.one
> quick way to check the battery is to test the rigs MEMORY FUNCTION.to
> do this,store a frequency in one of the rigs MEMORY CHANNELS,then
> verify the frequency is in MEMORY by going back to VFO mode then
> switching back to the MEMORY CHANNEL you saved the new frequency in.it
> should be there.now,turn off the radio and disconnect it from the
> power supply for about 10 minutes.after the 10 minutes has
> past,reconnect the power supply,and turn on the radio,then select the
> MEMORY CHANNEL where your new frequency is.if the frequency is not in
> the MEMORY CHANNEL,the battery is BAD and must be replaced.think about
> this: the 850 has a CPU MENU of various optional operations which are
> also saved to MEMORY this is the area that is effected by the MEMORY
> LOSS and is the cause for the problem you describe after replacing the
> DC TO DC BOARD.at this point you should inspect and verify the voltage
> of the battery if the battery has corrorsion on it which indicates
> leakage,replace the battery and do a reset of the CPU.you can skip the
> above MEMORY TEST and just check the battery voltage (should be close
> to 3 volts) and condition.if the battery shows any leakage what so
> ever, go ahead and replace the battery before it damages the CPU
> circuit board.don't forget to do a CPU RESET after replacing the
> battery.73,N4QDE-Larry.
> >
> > [Non-text portions of this message have been removed]
> >
>
> Why would a bad memory battery have any impact at all on the
> transmitter's ALC function? The circuits have nothing to do with each
> other.
>
> OTOH...I turn off the entire shack when I'm not using it, and it often
> goes weeks without me using it. When I turn things back on and dial
> up a memory channel, there's the previously-stored frequency and mode,

> right where it's been for quite a while. So, the memory battery seems
> fine.
>
> I'm just curious how it could possibly have anything to do with the TX
> ALC?
>
> Dave W8NF
>

6083. CW filter compatibility

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-06-27 18:04:28 UTC
From: ve3tmt
Topic: 6083 Message: 6083

Hi all,

I recently purchased a YK88C CW filter (solder-in type) 500 Hz 8.83 IF for my 850. But I now notice the passband on RTTY has shifted to the point of not being able to copy signals in MMTTY. Also when TX'ing thru the filter on CW and FSK, the output power is greatly decreased. I have a feeling that this filter is not compatible with the 850. I thought the only difference between the YK88c and YK88C-1 was the mounting style, solder-in versus plug-in. Can someone please elaborate?

Max
VE3TMT

6084. TAnt uner?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-06-27 20:15:20 UTC
From: kjtwlf
Topic: 6084 Message: 6084

Pardon the bonehead question, but: How do I tell if my TS-450S has a built-in antenna tuner? From my reading of the manual, it appears to be an option. If I transmit with the auto/thru button in "auto", the "AT Tune" light comes on briefly, but I don't see any reduction in SWR.

Thx,
-ken
N6VDT

6085. RE: [TS-850_450_690] TAnt uner?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-06-27 21:45:18 UTC
From: SM7YGZ
Topic: 6084 Message: 6085

You need to press and hold the tune button until you hear a beep.

SM7YGZ
Rob

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of kjtwlf
Sent: den 27 juni 2007 22:15
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] TAnt uner?

Pardon the bonehead question, but: How do I tell if my TS-450S has a
built-in antenna tuner? From my reading of the manual, it appears to
be an option. If I transmit with the auto/thru button in "auto",
the "AT Tune" light comes on briefly, but I don't see any reduction in
SWR.

Thx,
-ken
N6VDT

Jag använder en gratisversion av SPAMfighter för privata användare.
9345 spam har blivit blockerade hittills.
Betalande användare har inte detta meddelande i sin e-post.
Hämta gratis SPAMfighter <http://www.spamfighter.com/lsv> idag!

[Non-text portions of this message have been removed]

6086. RE: [TS-850_450_690] TAnt uner?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-06-27 21:53:10 UTC
From: Rich & DJ
Topic: 6084 Message: 6086

You can pop the top cover off with a few screws the tuner is on the right ,
you can see the coil and V cap through vent holes or there is a blank hole.
There are two gear drive units for the tuner also that are easy to see.

Rich , kd0zz

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of kjtwlf
Sent: Wednesday, June 27, 2007 3:15 PM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] TAnt uner?

Pardon the bonehead question, but: How do I tell if my TS-450S has a
built-in antenna tuner? From my reading of the manual, it appears to
be an option. If I transmit with the auto/thru button in "auto",
the "AT Tune" light comes on briefly, but I don't see any reduction in
SWR.

Thx,
-ken
N6VDT

[Non-text portions of this message have been removed]

6087. RE: [TS-850_450_690] TAnt uner?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-06-28 01:52:27 UTC
From: Carl Winchester
Topic: 6084 Message: 6087

Also, if not already selected,press"6" (TxM) on the key pad to see the SWR bar graph and make sure that the PWR turned fully clockwise (if your output power is set too low, you will hear some error beeps)...I found this out the hard way (having to recheck my Dipole and station grounds) and the AT TUNE will not work right!
73
Carl K6ZXU

SM7YGZ <sm7ygz@...> wrote:
You need to press and hold the tune button until you hear a beep.

SM7YGZ
Rob

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of kjtwlf
Sent: den 27 juni 2007 22:15
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] TAnt uner?

Pardon the bonehead question, but: How do I tell if my TS-450S has a
built-in antenna tuner? From my reading of the manual, it appears to
be an option. If I transmit with the auto/thru button in "auto",
the "AT Tune" light comes on briefly, but I don't see any reduction in
SWR.

Thx,
-ken
N6VDT

Jag använder en gratisversion av SPAMfighter för privata användare.
9345 spam har blivit blockerade hittills.
Betalande användare har inte detta meddelande i sin e-post.
Hämta gratis SPAMfighter <http://www.spamfighter.com/lsv> idag!

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

6088. Re: CW filter compatibility

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-06-28 05:07:54 UTC
From: Clif
Topic: 6083 Message: 6088

Nope. The YK88C has a center freq of 8830.7, the C-1 is 8830.0. They
are not compatible as you found out. Same for the CN series. The SN
and AM filters are OK, same center freq.

Clif

--- In TS-850_450_690@yahoogroups.com, "ve3tmt" <ve3tmt@...> wrote:
>
> Hi all,
>
> I recently purchased a YK88C CW filter (solder-in type) 500 Hz 8.83 IF
> for my 850. But I now notice the passband on RTTY has shifted to the
> point of not being able to copy signals in MMTTY. Also when TX'ing
> thru the filter on CW and FSK, the output power is greatly decreased.
> I have a feeling that this filter is not compatible with the 850. I
> thought the only difference between the YK88c and YK88C-1 was the
> mounting style, solder-in versus plug-in. Can someone please elaborate?
>
> Max
> VE3TMT
>

6089. Re: CW filter compatibility

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-06-28 10:37:08 UTC
From: ve3tmt
Topic: 6083 Message: 6089

--- In TS-850_450_690@yahoogroups.com, "Clif" <clif@...> wrote:
>
> Nope. The YK88C has a center freq of 8830.7, the C-1 is 8830.0. They
> are not compatible as you found out. Same for the CN series. The SN
> and AM filters are OK, same center freq.
>
> Clif

Thanks Clif,

The filter is up for sale...$60 shipped.

Max

6090. Re:Continuing problems with DC-DC board

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-06-28 12:57:28 UTC
From: Larry & Cricket Nunnery
Topic: 6062 Message: 6090

I am not able to explain how the battery effects the ALC at this writing because the records I keep for this topic are stored away and I haven't had time to look for them but,as best as I can recall the low battery does not directly affect the ALC circuit.the battery finds its way to effect the ALC circuit by stored memory settings that have an effect on the ALC circuit.if those memory setting are effected by a weak or dead battery then it would effect the ALC circuit.before I repaired my 850 ramping ALC problem,the rf output was about 10 watts and the rf level control had no effect at all.so I bought the transistors for the DC to DC board and did the repair.when I turned on the rig the problem was still there.so I bought a new DC to DC board from Kenwood and installed it only to find the same problem.I was discusted and put the rig in the closet.a few months later,I brought the rig back out and tried to transmit on it again but the ALC problem was still there so I decided to use it for a reciever.I found several frequencies of interest and tried to save them in the memory but,that didn't work. so I tried to save changes to the menu set up that didn't work either.I tested the battery and it was dead.I installed a new battery,reset the cpu,and the rig returned to normal,everything worked as it should.that was about 2001 and my 850 is working great today.I am not sure Just which menu settings effect the ALC at this time.when you do the cpu reset,default settings are returned to the menu.and if you don't already know there is a sub menu aswell.the bottom line here is the battery did have an effect on the ALC circuit and by replacing the dead battery MY 850 RAMPING ALC problem has gone and been gone 6 years now.thanks for reading,Larry N4QDE.

[Non-text portions of this message have been removed]

6091. Re: TAnt uner?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-06-28 18:57:09 UTC
From: kjtwlf
Topic: 6084 Message: 6091

Thanks, everyone.

-ken

6092. WTB: Kenwood SW-2000

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-06-30 01:47:55 UTC
From: Mark Saunders, KJ7BS
Topic: 6092 Message: 6092

I am looking for a Kenwood SW-2000 in good working order with the SWC-3 module.

Mark, KJ7BS
Glendale, AZ
Editor, The SKCC Centurion
Elecraft K2 S/N 0539
Fists # 2972 CC 1806
SKCC # 2240 C56
QRP-ARCI # 12647
AZ ScQRPions

[Non-text portions of this message have been removed]

6093. TS-850S 28MHz low power

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-06-30 08:27:47 UTC
From: s58aa
Topic: 6093 Message: 6093

My TS-850S has gradualy lost transmitt power on 28 MHz.

I have now measured output power on dummy load with and without inserted auto-tuner.

Power output is from 90 - 75 W from 1.8 - 24 MHz (cca 10% less with inserted auto-tuner, 80 - 68 W), but only 3 - 4 W on 28 MHz !

Has anyone had similar problem, and what is possible cure ?

73 de Tone S58AA

6094. Re: TS-850S 28MHz low power

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-06-30 13:37:14 UTC
From: Clif
Topic: 6093 Message: 6094

Check the BPF diodes in the RF unit for leakage. The easy way is to put the radio on 20m. Locate IC1, check the voltages on the pins. Pins 1-7 & 9-11 are the band select lines. Pin 4 should be low and the rest should be 11.2v

Anything other than 11v high and less than 1 volt low indicates leaking diode(s).

Clif

--- In TS-850_450_690@yahoogroups.com, "s58aa" <tone_vozlic@...> wrote:
>
> My TS-850S has gradualy lost transmitt power on 28 MHz.
>
> I have now measured output power on dummy load with and without
> inserted auto-tuner.
>
> Power output is from 90 - 75 W from 1.8 - 24 MHz (cca 10% less with
> inserted auto-tuner, 80 - 68 W), but only 3 - 4 W on 28 MHz !
>
> Has anyone had similar problem, and what is possible cure ?
>
> 73 de Tone S58AA
>

6095. TS850 + MFJ-998 Intellituner

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-06-30 21:27:28 UTC
From: sv2bwm
Topic: 6095 Message: 6095

I am thinking of buying the MFJ-998 Intellituner but I don't know how this auto-tuner handles the RF amplifier (I have the RM KL500/24V) with the Amplifier Bypass Control function. Does somebody knows how the Amp Enable In/Out works??? I don't see those RCAs in the back of TS-850 nore in RM's back...
Thanks in advance for any info given,
73's de SV2BWM

6096. KENWOOD DSP-100

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-07-01 18:26:35 UTC
From: ea3aqs
Topic: 6096 Message: 6096

I have been using DSP-100 for some time but last month it suddenly
got dead. No RX No TX.
Any help ?
73
EA3AQS.

6097. KENWOOD DSP-100

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-07-01 20:05:53 UTC
From: ea3aqs
Topic: 6096 Message: 6097

In my last post today I forgot to tell that the AC fuse
and the DC voltage are both right.
NO difference in RX-RX.
Switching any frontpanel button do not get any change.
I have the SERVICE MANUAL and schematic diagram but I
don't know where to begin to try fixing the trouble.
(Cliff . avid) 73.
EA3AQS

6098. Re: TS-850S 28MHz low power

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-07-02 17:04:30 UTC
From: s58aa
Topic: 6093 Message: 6098

Mni tnx Clif, but BPF diodes are OK. Pin 6 is low when 28MHz,
otherwise high.

Any other advice ?

73 de Tone S58AA

--- In TS-850_450_690@yahoogroups.com, "Clif" <clif@...> wrote:
>
> Check the BPF diodes in the RF unit for leakage. The easy way is to
> put the radio on 20m. Locate IC1, check the voltages on the pins.
Pins
> 1-7 & 9-11 are the band select lines. Pin 4 should be low and the
rest
> should be 11.2v
>
> Anything other than 11v high and less than 1 volt low indicates
> leaking diode(s).
>
> Clif

6099. Re: TS-850S 28MHz low power

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-07-04 19:15:44 UTC
From: Clif
Topic: 6093 Message: 6099

When on 10m are all the rest of the pins listed at 11+ volts???

Clif

--- In TS-850_450_690@yahoogroups.com, "s58aa" <tone_vozlic@...> wrote:
>
> Mni tnx Clif, but BPF diodes are OK. Pin 6 is low when 28MHz,
> otherwise high.
>
> Any other advice ?
>
> 73 de Tone S58AA
>
> --- In TS-850_450_690@yahoogroups.com, "Clif" <clif@> wrote:
> >
> > Check the BPF diodes in the RF unit for leakage. The easy way is to
> > put the radio on 20m. Locate IC1, check the voltages on the pins.
> Pins
> > 1-7 & 9-11 are the band select lines. Pin 4 should be low and the
> rest
> > should be 11.2v
> >
> > Anything other than 11v high and less than 1 volt low indicates
> > leaking diode(s).
> >
> > Clif
>

6100. Filter mounting screws/bolts

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-07-05 18:22:23 UTC
From: Tracey Gardner
Topic: 6100 Message: 6100

I've just pickd up a YG-455CN-1 CW filter to fit in my TS850, but unfortunately there are no fixing screws/bolts with it.

Would anybody on the list be able to tell me what screw/bolt size and type of thread I need to find?

TIA

Tracey G5VU

6101. Re: Filter mounting screws/bolts

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-07-06 02:32:30 UTC
From: Clif
Topic: 6100 Message: 6101

The screws are "supposed" to be in the radio.

Clif

--- In TS-850_450_690@yahoogroups.com, "Tracey Gardner"
<tracey.gardner@...> wrote:
>
> I've just pickd up a YG-455CN-1 CW filter to fit in my TS850, but
> unfortunately there are no fixing screws/bolts with it.
>
> Would anybody on the list be able to tell me what screw/bolt size
and type
> of thread I need to find?
>
> TIA
>
> Tracey G5VU
>

6102. Re: [TS-850_450_690] Re: Filter mounting screws/bolts

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-07-06 18:57:35 UTC
From: ve3wej gmail
Topic: 6100 Message: 6102

Manual says supplied with filter actually, but does NOT mention the size
perhaps the filter manual may show part number or somthing

VE3WEJ
Dave Garber
----- Original Message -----
From: Clif
To: TS-850_450_690@yahoogroups.com
Sent: Thursday, July 05, 2007 10:32 PM
Subject: [TS-850_450_690] Re: Filter mounting screws/bolts

The screws are "supposed" to be in the radio.

Clif

--- In TS-850_450_690@yahoogroups.com, "Tracey Gardner"
<tracey.gardner@...> wrote:
>
> I've just pickd up a YG-455CN-1 CW filter to fit in my TS850, but
> unfortunately there are no fixing screws/bolts with it.
>
> Would anybody on the list be able to tell me what screw/bolt size
and type
> of thread I need to find?
>
> TIA
>
> Tracey G5VU
>

[Non-text portions of this message have been removed]

6103. Re: TS-850S 28MHz low power

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-07-07 08:45:58 UTC
From: s58aa
Topic: 6093 Message: 6103

> When on 10m are all the rest of the pins listed at 11+ volts???

I have accidently found the solution, but not also cause of the problem.

Measuring all the Y-pins on IC1 (74LS145) when on 28 MHz, pin 6 is low, all others are high, except pin 2 (0.5-1.6MHz). When cutting off pin 2, power on 28 MHz was again full. So I let pin 2 cutted off, and work happily on.

Interestingly enough, if I change the IC1 for another one, nothing changest, still have to cut off pin 2 to get full power on 28 MHz.

73 de Tone S58AA

6104. Re: [TS-850_450_690] Re: TS-850S 28MHz low power

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-07-07 11:03:40 UTC
From: ve3wej gmail
Topic: 6093 Message: 6104

something prior to that ic2 pin 2 must be keeping the lin LOW???

all you did , it sounds like, is by isolating the terminal, is stop it from being low??

logic ic, I assume

VE3WEJ
Dave Garber
----- Original Message -----
From: s58aa
To: TS-850_450_690@yahoogroups.com
Sent: Saturday, July 07, 2007 4:45 AM
Subject: [TS-850_450_690] Re: TS-850S 28MHz low power

> When on 10m are all the rest of the pins listed at 11+ volts???

I have accidently found the solution, but not also cause of the
problem.

Measuring all the Y-pins on IC1 (74LS145) when on 28 MHz, pin 6 is
low, all others are high, except pin 2 (0.5-1.6MHz). When cutting off
pin 2, power on 28 MHz was again full. So I let pin 2 cutted off, and
work happily on.

Interestingly enough, if I change the IC1 for another one, nothing
changest, still have to cut off pin 2 to get full power on 28 MHz.

73 de Tone S58AA

[Non-text portions of this message have been removed]

6105. Re: [TS-850_450_690] Re: Filter mounting screws/bolts

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-07-07 14:15:07 UTC
From: George Encarnacion
Topic: 6100 Message: 6105

Regarding filter manuals - I have the "cut sheets" for the Kenwood plug-in filters YK-88SN-1, YK-88C-1, and YG-455C-1 - they are anywhere from a quarter to half of a sheet of paper. The flip side has the Japanese instructions. No help on screws.

Tracey - probably best to network with local TS-850S owners. If you were in the USA, I'd remove one of the screws and look for several similar length and threaded screws in my junk box (I'm sure there have to be some in my coffee can of tiny screws ;-) and mail it to you.

I don't have a TS-850S service manual but I looked at my TS-940S service manual parts list for the IF Unit (where the AM, 88C(N) and 455C(N) plug-in filters mount). There is a listing for 6 (2 per filter) pan head screws, part no. N30-3010-4A. It may or may not be the same for the TS-850.

Also, the mounting screws don't do anything electrical. The filters mount right side-up and are in no danger of slipping off the the connector pins.

Hope this helps, 73 George Ah6BV/w1

ve3wej gmail <ve3wej@...> wrote: Manual says supplied with filter actually, but does NOT mention the size
perhaps the filter manual may show part number or somthing

VE3WEJ
Dave Garber
----- Original Message -----
From: Clif
To: TS-850_450_690@yahoogroups.com
Sent: Thursday, July 05, 2007 10:32 PM
Subject: [TS-850_450_690] Re: Filter mounting screws/bolts

The screws are "supposed" to be in the radio.

Clif

--- In TS-850_450_690@yahoogroups.com, "Tracey Gardner"
<tracey.gardner@...> wrote:
>
> I've just pickd up a YG-455CN-1 CW filter to fit in my TS850, but
> unfortunately there are no fixing screws/bolts with it.
>
> Would anybody on the list be able to tell me what screw/bolt size
and type
> of thread I need to find?
>
> TIA
>
> Tracey G5VU

>

[Non-text portions of this message have been removed]

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[Non-text portions of this message have been removed]

6106. Re: TS-850S 28MHz low power

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-07-07 15:22:40 UTC
From: Clif
Topic: 6093 Message: 6106

Just as I said, you have a leaky BPF diode. That's why I specifically asked if ALL other voltages were high when on 10m.

Clif

-- In TS-850_450_690@yahoogroups.com, "s58aa" <tone_vozlic@...> wrote:
>
> > When on 10m are all the rest of the pins listed at 11+ volts???
>
> I have accidently found the solution, but not also cause of the
> problem.
>
> Measuring all the Y-pins on IC1 (74LS145) when on 28 MHz, pin 6 is
> low, all others are high, except pin 2 (0.5-1.6MHz). When cutting off
> pin 2, power on 28 MHz was again full. So I let pin 2 cutted off, and
> work happily on.
>
> Interestingly enough, if I change the IC1 for another one, nothing
> changest, still have to cut off pin 2 to get full power on 28 MHz.
>
> 73 de Tone S58AA
>

6107. Off topic:Does SOS sounds like SMB

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-07-08 07:05:37 UTC
From: Carl K6ZXU
Topic: 6107 Message: 6107

I heard SMB sent during the Live Earth concert...when they were trying
send SOS. Was it just me who heard this? Sorry for the post...but I
just had to ask.
73,
Carl K6ZXU

6108. TS- 690s Mounting Bracket

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-07-09 11:54:55 UTC
From: Bill
Topic: 6108 Message: 6108

Can someone please tell me which model mounting bracket works to mount the TS-690s in a vehicle? Also if anyone has one laying around that they are not going to use, I would like to purchase it from you.
Thanks
73's
de kb2sin
Bill J
(Port Crane, NY)

6109. Re: [TS-850_450_690] TS- 690s Mounting Bracket

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-07-09 13:14:02 UTC
From: ve3wej gmail
Topic: 6108 Message: 6109

mb-430.as far as I know..and I have one for sale should be mentioned in the flyer or manual for that radio

VE3WEJ ve3wej@...
Dave Garber

----- Original Message -----
From: Bill
To: TS-850_450_690@yahoogroups.com
Sent: Monday, July 09, 2007 7:54 AM
Subject: [TS-850_450_690] TS- 690s Mounting Bracket

Can someone please tell me which model mounting bracket works to mount
the TS-690s in a vehicle? Also if anyone has one laying around that
they are not going to use, I would like to purchase it from you.
Thanks
73's
de kb2sin
Bill J
(Port Crane, NY)

[Non-text portions of this message have been removed]

6110. Re: [TS-850_450_690] TS- 690s Mounting Bracket

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-07-09 13:28:39 UTC
From: Tom LeClerc W1TJL
Topic: 6108 Message: 6110

Hi Bill,

I have one of those (2 actually) but don't remember the number but I'll look tonight. They were the same for the TS-430, 440, 450 and 690. I'll let you know...

73, Tom W1TJL

On 7/9/07, Bill <latherandlights@...> wrote:
>
> Can someone please tell me which model mounting bracket works to mount
> the TS-690s in a vehicle? Also if anyone has one laying around that
> they are not going to use, I would like to purchase it from you.
> Thanks
> 73's
> de kb2sin
> Bill J
> (Port Crane, NY)
>
>
>

--
Tom LeClerc, Amateur Radio Station W1TJL
(past calls WB1CBY, /VE8,XL8,VO1)

LeClerc Consulting
email: w1tjl@...
PC/Network Consulting

[Non-text portions of this message have been removed]

6111. Re: Off topic:Does SOS sounds like SMB

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-07-09 21:15:27 UTC
From: Dave
Topic: 6107 Message: 6111

--- In TS-850_450_690@yahoogroups.com, "Carl K6ZXU" <carlsjc95125@...>
wrote:
>
> I heard SMB sent during the Live Earth concert...when they were trying
> send SOS. Was it just me who heard this? Sorry for the post...but I
> just had to ask.
> 73,
> Carl K6ZXU
>

SOS, as a signal, is sent with all the characters run together.
dididiDAHDAHDAHdididit. No spaces. SOS and SMB sent that way would
sound identical.

Dave W8NF

6112. Re: [TS-850_450_690] Re: Off topic:Does SOS sounds like SMB

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-07-09 21:24:22 UTC
From: Paul
Topic: 6107 Message: 6112

"SOS, as a signal, is sent with all the characters run together.*"

Where...?

... since when??

Paul K2BK
*
Dave wrote:
>
>
> >
>
> SOS, as a signal, is sent with all the characters run together.
> dididiDAHDAHDAHdididit. No spaces. SOS and SMB sent that way would
> sound identical.
>
> Dave W8NF
>
>

6113. Re: Off topic:Does SOS sounds like SMB

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-07-10 17:26:06 UTC
From: Dave
Topic: 6107 Message: 6113

Since the very beginning of its usage.

I first read about it in an ancient ARRL Operating Manual (circa 1939)...that text seems to have migrated to Wikipedia, and therefrom I now copy and paste:

"This distress signal was first adopted by the German government in radio regulations effective April 1, 1905, and became the worldwide standard when it was included in the second International Radiotelegraphic Convention, which was signed on November 3, 1906, and became effective on July 1, 1908.

"From the beginning, the SOS distress signal has actually consisted of a continuous sequence of three-dits/three-dahs/three-dits, all run together without letter spacing. In International Morse Code, three dits form the letter S, and three dahs make the letter O, so "SOS" became an easy way to remember the correct order of the dits and dahs. In modern terminology, SOS is a "procedural signal" or "prosign", and the formal way to write it with a bar above the letters, i.e. SOS.

In popular usage, SOS became associated with phrases such as "Save Our Souls," "Shoot Our Ship", "Sinking Our Ship", "Survivors On Shore", "Save Our Ship", "Sink Our Ships", "Survivors On Ship", "Save Our Sailors", "Stop Other Signals", "Sink Or Swim", "Send Out Sailors", "Save Our Skins", and "Send Out Someone". However, these phrases were a later development, most likely used to help remember the correct letters□something known as a backronym."

(end quote)

Another note - ALL procedural or prosigns are supposed to be sent "run together". It is an unfortunate accident that in these days of the internet's prevalence, there is no universal method for placing an overbar above a string of letters - if you go to the Wikipedia website ans search for "SOS", you'll see the overbar in their text - but it did not come in by way of the copy and paste I performed above.

It's also partially the fault of so much computer-sent CW these days, that many have never known, or heard, procedural signals such as KN, AR, SK, AS, sent as a single string without a space, as they are supposed to be sent. I've not got a keyboard sender, so I don't know how they'd do it, but certainly, typing "KN" on a keyboard will not produce "DAHdiDAHDAHdit" as it is supposed to be sent. And, when you listen to QSOs, you are more likely to hear "KN" sent as two separate letters. In fact, in earlier QSTs, KN was indicated as NG, as that would sound identical, when sent properly with no intervening letter

space.

In practice, little of this matters - when "KN" is sent as two
characters, we know what it means....rather like punctuation and
grammar. Perfection is not required to get the message across.

73,

Dave W8NF
dit dit

--- In TS-850_450_690@yahoogroups.com, Paul <condor@...> wrote:
>
> "SOS, as a signal, is sent with all the characters run together.*"
>
> Where...?
>
> ... since when??
>
> Paul K2BK
> *
> Dave wrote:
> >
> >
> > >
> >
> > SOS, as a signal, is sent with all the characters run together.
> > dididiDAHDAHDAHdididit. No spaces. SOS and SMB sent that way would
> > sound identical.
> >
> > Dave W8NF
> >
> >
>

6114. TS-850S ATU wont tune

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-07-11 05:17:41 UTC
From: Torben Mellerup
Topic: 6114 Message: 6114

Hi list, im new into this list since i newly got my first Kenwood radio (used) TS-850S. Pretty fine radio i think, listens really fine.
I was playing around with the built in ATU, it wont tune.
I know that the antennas i tested on and on the freqs. i tested on, the swr on the antennas arent bigger than 1.5 (Verticals and dipoles) even if i try against a dummyload it wont tune.
I have checked with my MFJ-949E between the TRX and the antennas, power output is abt. 10w as it should be, i can see on the MFJ the reflected pwr goes a little up/down but the swr indicator on the 850s moves up/down on the whole scale and it just continues tuning the 20 sec. and starts yelling at me.
If i do this with the dummyload on all bands it's exactly the the same output and behavior.
I have tried resetting the radio a couble of times also. If i use the same antennas on my IC-7400 (746pro) i have no problems, have run more than a couble thousands qso's with this setup.

What to do ?

Tks. in advance
OZ1TMK, Torben

6115. Re: [TS-850_450_690] TS-850S ATU wont tune

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-07-11 05:30:47 UTC
From: Rob Frohne
Topic: 6114 Message: 6115

Hi Torben,

You need to put the power up to 100 watts to get the auto-tuner to tune
correctly.

73,

Rob, KL7NA

On Wed, 2007-07-11 at 05:17 +0000, Torben Mellerup wrote:
> Hi list, im new into this list since i newly got my first Kenwood
> radio (used) TS-850S. Pretty fine radio i think, listens really fine.
> I was playing around with the built in ATU, it wont tune.
> I know that the antennas i tested on and on the freqs. i tested on,
> the swr on the antennas arent bigger than 1.5 (Verticals and dipoles)
> even if i try against a dummyload it wont tune.
> I have checked with my MFJ-949E between the TRX and the antennas,
> power output is abt. 10w as it should be, i can see on the MFJ the
> reflected pwr goes a little up/down but the swr indicator on the 850s
> moves up/down on the whole scale and it just continues tuning the 20
> sec. and starts yelling at me.
> If i do this with the dummyload on all bands it's exactly the the same
> output and behavior.
> I have tried resetting the radio a couble of times also. If i use the
> same antennas on my IC-7400 (746pro) i have no problems, have run more
> than a couble thousands qso's with this setup.
>
> What to do ?
>
> Tks. in advance
> OZ1TMK, Torben
>
>
>
>
>
>
> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
>
>
>
--
Rob Frohne, Ph.D., P.E., Professor
E.F. Cross School of Engineering
Walla Walla College

100 SW 4th St.
College Place, WA 99324
(509) 527-2075
http://www.wwc.edu/~frohro/

6116. Re: TS-850S ATU wont tune

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-07-11 11:08:14 UTC
From: ve3tmt
Topic: 6114 Message: 6116

--- In TS-850_450_690@yahoogroups.com, Rob Frohne <frohro@...> wrote:
>
> Hi Torben,
>
> You need to put the power up to 100 watts to get the auto-tuner to tune
> correctly.
>
> 73,
>
> Rob, KL7NA

Actually it will tune quite satisfactory with 25W. Torben, I know you have performed a reset but there is a menu item that tells the tuner to stop tuning when it tunes below a certain SWR. If you can't find it I will research it for you, but the think the factory default is "ON" so this may not be the issue. Is the radio TX'ing fine with the tuner bypassed? Have you made any contacts? It may be a loose cable on the tuner board?

Max
VE3TMT

6117. Re: TS-850S ATU wont tune

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-07-11 15:37:21 UTC
From: Ron
Topic: 6114 Message: 6117

May I assume you have carrier (CAR) set properly. Mine is set at 6.
My 850 will not tune if carrier set below 5.

73

Ron

--- In TS-850_450_690@yahoogroups.com, "Torben Mellerup"
<oz1tmk@...> wrote:
>
> Hi list, im new into this list since i newly got my first Kenwood
> radio (used) TS-850S. Pretty fine radio i think, listens really
fine.
> I was playing around with the built in ATU, it wont tune.
> I know that the antennas i tested on and on the freqs. i tested on,
> the swr on the antennas arent bigger than 1.5 (Verticals and
dipoles)
> even if i try against a dummyload it wont tune.
> I have checked with my MFJ-949E between the TRX and the antennas,
> power output is abt. 10w as it should be, i can see on the MFJ the
> reflected pwr goes a little up/down but the swr indicator on the
850s
> moves up/down on the whole scale and it just continues tuning the
20
> sec. and starts yelling at me.
> If i do this with the dummyload on all bands it's exactly the the
same
> output and behavior.
> I have tried resetting the radio a couble of times also. If i use
the
> same antennas on my IC-7400 (746pro) i have no problems, have run
more
> than a couble thousands qso's with this setup.
>
> What to do ?
>
> Tks. in advance
> OZ1TMK, Torben
>

6118. Re: [TS-850_450_690] Re: TS-850S ATU wont tune

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-07-11 17:01:48 UTC
From: DaveH
Topic: 6114 Message: 6118

This is extremely important! NO carrier (of sufficient wattage) NO TUNE!
You would be surprised the "HAMS" I have seen trying to tune with NO or VERY
LITTLE carrier output! You mention it to them and they look at you as if
you have 4 heads! Just last Field Day I discovered a "HAM" trying to tune
an external auto tuner (LDG) with NO carrier!
David R. Henry LME
Licensed Master Electrician
Amateur Radio W2DRH
Member ARRL
Accredited Instructor

----- Original Message -----
From: "Ron" <bitwdlr@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Wednesday, July 11, 2007 11:37 AM
Subject: [TS-850_450_690] Re: TS-850S ATU wont tune

> May I assume you have carrier (CAR) set properly. Mine is set at 6.
> My 850 will not tune if carrier set below 5.
>
> 73
>
> Ron
>
> --- In TS-850_450_690@yahoogroups.com, "Torben Mellerup"
> <oz1tmk@...> wrote:
>>
>> Hi list, im new into this list since i newly got my first Kenwood
>> radio (used) TS-850S. Pretty fine radio i think, listens really
> fine.
>> I was playing around with the built in ATU, it wont tune.
>> I know that the antennas i tested on and on the freqs. i tested on,
>> the swr on the antennas arent bigger than 1.5 (Verticals and
> dipoles)
>> even if i try against a dummyload it wont tune.
>> I have checked with my MFJ-949E between the TRX and the antennas,
>> power output is abt. 10w as it should be, i can see on the MFJ the
>> reflected pwr goes a little up/down but the swr indicator on the
> 850s
>> moves up/down on the whole scale and it just continues tuning the
> 20
>> sec. and starts yelling at me.
>> If i do this with the dummyload on all bands it's exactly the the
> same
>> output and behavior.

>> I have tried resetting the radio a couble of times also. If i use
> the
>> same antennas on my IC-7400 (746pro) i have no problems, have run
> more
>> than a couble thousands qso's with this setup.
>>
>> What to do ?
>>
>> Tks. in advance
>> OZ1TMK, Torben
>>
>
>
>
>
> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
>
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>

6119. Re: TS-850S ATU wont tune

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-07-13 05:26:21 UTC
From: Torben Mellerup
Topic: 6114 Message: 6119

Hi all, tks for reply Rob, Dave, Max, Ron and Dave

I have tried with pwr 4/4, 3/4, 2/4 and 1/4, my CAR are in position between 7-8, menu item 20 are set to on, i have no problems running SSB with my MFJ tuner, plenty of psu power (Diamon 30A works fine with other rigs) and yes the switch on back of rig are set to internal ATU :-)

So next task for me is to open rig, check cables and replace battery when i'm there. But of cause "secret menu items" are always interesting .

I'll be back and tks.

OZ1TMK, Torben

6120. Re: [TS-850_450_690] Re: TS-850S ATU wont tune

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-07-13 13:12:37 UTC
From: Alexandr Kobranov
Topic: 6114 Message: 6120

Hi Torben,
if you have some external wattmeter - how many Watts durung "Tune" is
going out?
More then 20W?
Just for checking. Turn CAR and PWR fully clock-wise and press "Tune".
What do you see on external wattmeter connected to some dummy load 50Ohm?

If not enough power there then you can set tune-power by internal
trimmer, maybe only this internal setting goes wrong. I hope I remember
correctly this system, sorry if not :-)
GL, 73!
Lexa, ok1dst

Torben Mellerup napsal(a):
> Hi all, tks for reply Rob, Dave, Max, Ron and Dave
>
> I have tried with pwr 4/4, 3/4, 2/4 and 1/4, my CAR are in position
> between 7-8, menu item 20 are set to on, i have no problems running
> SSB with my MFJ tuner, plenty of psu power (Diamon 30A works fine with
> other rigs) and yes the switch on back of rig are set to internal ATU :-)
>
> So next task for me is to open rig, check cables and replace battery
> when i'm there. But of cause "secret menu items" are always interesting .
>
> I'll be back and tks.
>
> OZ1TMK, Torben
>
>
>
>
>
>
> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
>
>
>
>

6121. Re: TS-850S ATU wont tune

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-07-13 14:07:46 UTC
From: ve3tmt
Topic: 6114 Message: 6121

--- In TS-850_450_690@yahoogroups.com, Alexandr Kobranov
<kobranov@...> wrote:
>
> Hi Torben,
> if you have some external wattmeter - how many Watts durung "Tune" is
> going out?
> More then 20W?
> Just for checking. Turn CAR and PWR fully clock-wise and press "Tune".
> What do you see on external wattmeter connected to some dummy load
50Ohm?
>
> If not enough power there then you can set tune-power by internal
> trimmer, maybe only this internal setting goes wrong. I hope I remember
> correctly this system, sorry if not :-)
> GL, 73!
> Lexa, ok1dst

Good point Lexa. Regardless of where the CAR control is set it is
possible that there is not enough RF power going out through the tuner.

Max
VE3TMT

6122. Re: inrad #95 1.8 filter

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-07-13 22:47:59 UTC
From: w8aks
Topic: 5670 Message: 6122

I just got a new inrad 95 filter from Burghardt and found the same thing. Before I go cutting pins. Which pins do I cut? The top two or the bottom two?
Dont want to mess up the header.

Appreciate it and 73
Marty
W8AKS

- In TS-850_450_690@yahoogroups.com, "Joe" <oe3jtb@...> wrote:
>
> Thats the right way, I did it a fee weeks ago, works very well
> cu Joe
> --- In TS-850_450_690@yahoogroups.com, "Clif" <clif@> wrote:
> >
> > No big deal the board has 4 ground pins and 1 in/out pin. Cutting off
> > 2 ground pins hurts nothing except appearance. The filter can't be
> > modified because of the size, it's larger than the Kenwood
> >
> > Clif
> >
> > -- In TS-850_450_690@yahoogroups.com, "ve3wej gmail" <ve3wej@> wrote:
> > >
> > > thats scary....I would rather modify the filter, or get the correct
> > unit, than to cut off terminals....
> > >
> > >
> > > VE3WEJ
> > > Dave Garber
> > > ----- Original Message -----
> > > From: Clif
> > > To: TS-850_450_690@yahoogroups.com
> > > Sent: Tuesday, March 20, 2007 10:34 PM
> > > Subject: [TS-850_450_690] Re: inrad #95 1.8 filter
> > >
> > >
> > > Clip the extra pins on the 850, one side only. Look at it 3 times
> > > before you cut. I just recently had to replace one of those header
> > > pins that was cut wrong. Kenwood doesn't sell the pins and I had to

> > > raid a junker board for the part.
> > >
> > > Clif
> > >
> > > --- In TS-850_450_690@yahoogroups.com, "mdmalley" <mdmalley@>
wrote:
> > > >
> > > > my TS850 does not accept the #95 INRAD even though the INRAD
> > chart says
> > > > its the right one.Problem is that the TS850 has 5 vertical
pins
> > on each
> > > > side where the filter is supposed to plug in;however the
filter
> > has a
> > > > recptacle for 5 on one side but only 3 on the other??Is it
the
> > wrong
> > > > fiter or do I clip pins on the 850??
> > > >
> > >
> > >
> > >
> > >
> > >
> > > [Non-text portions of this message have been removed]
> > >
> >
>

6123. Inrad 95 Filter Pin Cutoff

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-07-13 22:52:46 UTC
From: Marty Bluhm
Topic: 6123 Message: 6123

I just acquired a new Inrad 95 for my 850S. I remembered the thread a while back about the number of pins. Read them and understand except for one minor point. Which two pins do I cut? I'm looking at the upper right corner as that as the easy access to the pins. Do I cut the top two or the bottom two? I dont want to mess up the header pin.

Thanks and 73
Marty
W8AKS

6124. Re: surge absorber

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-07-13 23:12:58 UTC
From: mark2w0jmk
Topic: 6075 Message: 6124

--- In TS-850_450_690@yahoogroups.com, "mark2w0jmk" <mark2w0jmk@...>
wrote:
>
> hi can anyone tell me where i can buy a surge absorber for a kenwood
> ts-450/sat i live in the uk thanks from mark 2w0jmk
>

hi all im still looking for one thanks from mark 2w0jmk

6125. Re: [TS-850_450_690] Re: surge absorber

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-07-14 01:38:23 UTC
From: ve3wej gmail
Topic: 6075 Message: 6125

what is it..internal to the 450s, or after market type

VE3WEJ
Dave Garber
----- Original Message -----
From: mark2w0jmk
To: TS-850_450_690@yahoogroups.com
Sent: Friday, July 13, 2007 7:12 PM
Subject: [TS-850_450_690] Re: surge absorber

--- In TS-850_450_690@yahoogroups.com, "mark2w0jmk" <mark2w0jmk@...>
wrote:
>
> hi can anyone tell me where i can buy a surge absorber for a kenwood
> ts-450/sat i live in the uk thanks from mark 2w0jmk
>

hi all im still looking for one thanks from mark 2w0jmk

[Non-text portions of this message have been removed]

6126. RE: [TS-850_450_690] Inrad 95 Filter Pin Cutoff

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-07-14 01:45:06 UTC
From: Marty Bluhm
Topic: 6123 Message: 6126

Update on the Filter situation, Thanks to Max, I was able to isolate the proper pins to cut. Did so and the filters are working fine.
Thanks to all.

73
Marty
W8AKS

-----Original Message-----
From: TS-850_450_690@yahoogroups.com
[mailto:TS-850_450_690@yahoogroups.com]On Behalf Of Marty Bluhm
Sent: Friday, July 13, 2007 22:53
To: TS-850_450_690@yahoogroups. com
Subject: [TS-850_450_690] Inrad 95 Filter Pin Cutoff

I just acquired a new Inrad 95 for my 850S. I remembered the thread a while
back about the number of pins. Read them and understand except for one minor
point. Which two pins do I cut? I'm looking at the upper right corner as that as the easy access to the pins. Do I cut the top two or the bottom two?
I dont want to mess up the header pin.

Thanks and 73
Marty
W8AKS

[Non-text portions of this message have been removed]

6127. Re: [TS-850_450_690] Re: TS-850S ATU wont tune

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-07-14 16:11:28 UTC
From: Tom Osborne
Topic: 6114 Message: 6127

Hi Lexa

I am having the same problem with a '450SAT. Is there the same internal
setting for the '450 as the '850? Thanks and 73
Tom W7WHY

> If not enough power there then you can set tune-power by internal
> trimmer, maybe only this internal setting goes wrong. I hope I remember
> correctly this system, sorry if not :-)
> GL, 73!
> Lexa, ok1dst

6128. Re: [TS-850_450_690] Re: TS-850S ATU wont tune

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-07-14 16:39:20 UTC
From: Alexandr Kobranov
Topic: 6114 Message: 6128

Hi Tom,
on TS-850 there is VR-6 for setting TUNE power on RF UNIT.
Sorry no knowledge about 450 but should be similar i feel.
Try to look to Service Manual if you have chance.
GL!
Lexa, -dst-

Tom Osborne napsal(a):
> Hi Lexa
>
> I am having the same problem with a '450SAT. Is there the same internal
> setting for the '450 as the '850? Thanks and 73
> Tom W7WHY
>
>
>
>> If not enough power there then you can set tune-power by internal
>> trimmer, maybe only this internal setting goes wrong. I hope I remember
>> correctly this system, sorry if not :-)
>> GL, 73!
>> Lexa, ok1dst
>
>
>
> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
>
>
>
>

6129. Re: [TS-850_450_690] Re: TS-850 Distorted TX

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-07-15 03:29:00 UTC
From: Ronald Potter
Topic: 5506 Message: 6129

Hi Clif,

Finally have been home long enough that I got to this. Had some unanticipated business travel over past 3-4 months.

On Final board, driver bias on base of Q6 is 1.3V in Tx, which matches schematic in service manual. Final bias on base of Q7 is 41.6 mv and should be 1.2V according to schematic. Am assuming D3 is bad but while waiting for part, will pick up adjustment tool for VR2 and see if adjustment will make a difference.

Thanks for your help on this. I really appreciate it.

73

Ron - AG1P

Check the bias on the finals and drivers. The base voltages should be
.6-.7v in Tx. Measure in SSB with no mike hooked up. Zero volts
indicates a bias circuit problem while a higher voltage is usually a
leaky driver or final.

Clif

--- In TS-850_450_690@ yahoogroups. com, "Ron" <bitwdlr@... > wrote:
>
> I have TS-850SAT that has distorted transmit after taking quick shot
> of 24-26 volts when diode blew on my PS-52. Receive is wonderful no
> matter if unit is cold or warm. Although distorted, people can
> understand me and distortion is constant and consistent. I have
> replaced the DC-DC board and done the ALC fix. In process, found
> the gas arrestor tube blown and replaced it. Battery shows 3.2
> volts with no apparent leakage. Checked the caps on the CAR board
> and all look good. DDS chips are 66312. Thinking DDS is cause but
> all posts to the group mention distorted receive as well as
> transmit, which is not my case. From looks of DDS chips, not sure I
> have skills (or magnifying glass strong enough)to replace.
>
> Before I send it out, is there something else I should check?
>
> Thanks in advance for any advice.
>
> 73
>
> Ron - AG1P
> Forsyth, MO
>

Got a little couch potato?
Check out fun summer activities for kids.
http://search.yahoo.com/search?fr=oni_on_mail&p=summer+activities+for+kids&cs=bz

[Non-text portions of this message have been removed]

6130. Re: surge absorber

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-07-15 08:41:57 UTC
From: mark2w0jmk
Topic: 6075 Message: 6130

--- In TS-850_450_690@yahoogroups.com, "mark2w0jmk" <mark2w0jmk@...>
wrote:
>
> hi can anyone tell me where i can buy a surge absorber for a kenwood
> ts-450/sat i live in the uk thanks from mark 2w0jmk
>

hi dave thanks for the reply it is a internal one located neat the
antenna socket on the 450 sat from mark 2w0jmk

6131. Re: [TS-850_450_690] Re: surge absorber

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-07-15 12:22:38 UTC
From: ve3wej gmail
Topic: 6075 Message: 6131

Is there any readable information left on the old component, can you give us a lead to lead location (ie between r100 and antenna connection) there is a schematic in the users manual, that may show it. Is thiis a varistor type???

VE3WEJ
Dave Garber
----- Original Message -----
From: mark2w0jmk
To: TS-850_450_690@yahoogroups.com
Sent: Sunday, July 15, 2007 4:41 AM
Subject: [TS-850_450_690] Re: surge absorber

--- In TS-850_450_690@yahoogroups.com, "mark2w0jmk" <mark2w0jmk@...>
wrote:
>
> hi can anyone tell me where i can buy a surge absorber for a kenwood
> ts-450/sat i live in the uk thanks from mark 2w0jmk
>

hi dave thanks for the reply it is a internal one located neat the
antenna socket on the 450 sat from mark 2w0jmk

[Non-text portions of this message have been removed]

6132. Re: surge absorber

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-07-15 15:56:24 UTC
From: mark2w0jmk
Topic: 6075 Message: 6132

--- In TS-850_450_690@yahoogroups.com, "ve3wej gmail" <ve3wej@...> wrote:
>
> Is there any readable information left on the old component, can you give us a lead to lead location (ie between r100 and antenna connection) there is a schematic in the users manual, that may show it. Is thiis a varistor type???
>
>
> VE3WEJ
> Dave Garber
> -----

hi dave i have removed the component it's location is D11 and yes here is the info of it

005
DSA
301L

my email address is mw3hqt@... if you can send me a email i will send you some photos back thanks from mark 2w0jmk

6133. Re: surge absorber

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-07-15 17:33:07 UTC
From: Joe
Topic: 6075 Message: 6133

I got 2 pieces at my local Kenwood dealer, it took 2 weeks for deliver
73 Alex

--- In TS-850_450_690@yahoogroups.com, "mark2w0jmk" <mark2w0jmk@...>
wrote:
>
> hi can anyone tell me where i can buy a surge absorber for a kenwood
> ts-450/sat i live in the uk thanks from mark 2w0jmk
>

6134. Re: TS-850S ATU wont tune

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-07-15 17:28:55 UTC
From: Joe
Topic: 6114 Message: 6134

Torben
Same problem I had. Somtimes it got tuned, esp on higher bands
My solution:
resolder solder points on the filter board.
Perhaps the HF protection is gone, as the picture at this board shows.
73 Alex

--- In TS-850_450_690@yahoogroups.com, "Torben Mellerup" <oz1tmk@...>
wrote:
>
> Hi list, im new into this list since i newly got my first Kenwood
> radio (used) TS-850S. Pretty fine radio i think, listens really fine.
> I was playing around with the built in ATU, it wont tune.
> I know that the antennas i tested on and on the freqs. i tested on,
> the swr on the antennas arent bigger than 1.5 (Verticals and dipoles)
> even if i try against a dummyload it wont tune.
> I have checked with my MFJ-949E between the TRX and the antennas,
> power output is abt. 10w as it should be, i can see on the MFJ the
> reflected pwr goes a little up/down but the swr indicator on the 850s
> moves up/down on the whole scale and it just continues tuning the 20
> sec. and starts yelling at me.
> If i do this with the dummyload on all bands it's exactly the the same
> output and behavior.
> I have tried resetting the radio a couble of times also. If i use the
> same antennas on my IC-7400 (746pro) i have no problems, have run more
> than a couble thousands qso's with this setup.
>
> What to do ?
>
> Tks. in advance
> OZ1TMK, Torben
>

6135. Re: TAnt uner?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-07-16 22:58:06 UTC
From: Paul
Topic: 6084 Message: 6135

--- In TS-850_450_690@yahoogroups.com, "kjtwlf" <kjtwlf@...> wrote:
>
> Thanks, everyone.
>
> -ken
>
Hi Ken

Did you figure out if you have the tuner built in?
I have just bought a 450S through that well known auction site and it was advertised as a 450SAT but now the guy tells me it doesn't have the tuner built in.....Hmmm! Haven't received the radio yet and was just curious to know how you got on or is it still possible to buy the tuner board and fit it yourself

Paul EI3FBB

6136. Re: [TS-850_450_690] Re: TAnt uner?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-07-16 23:33:00 UTC
From: DaveH
Topic: 6084 Message: 6136

Finding the auto tuner for it will be quite a task if you find it at all. I own a ts450sat and I know how scarce they are. It was advertised as a ts450sat you should go after the seller for fraud. Start with ebay. Are you sure it's not coming with it? By the way I developed a cable hook up to control these without the IF232 black box (which is just so much smoke and mirrors.). You do NOT need the 1F232 to cat control this rig even though the manual says so. Kenwood has been ripping customers of for years selling the IF232 black box and cables. YOU DO NOT NEED IT! Let me know if you would like a free copy of the pinout for the cable hookup. I can and will email it to you. All you need is a din plug and a db9 serial cable. I also have the op manuals and service manuals in PDF format on disk. I can ftp to you if you need it. It is a good rig and I do like it very much! I use it every day. Mine came from a dear friends estate.
73
Dave
David R. Henry LME
Licensed Master Electrician
Amateur Radio W2DRH
Member ARRL
Accredited Instructor

----- Original Message -----
From: "Paul" <paul@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Monday, July 16, 2007 6:58 PM
Subject: [TS-850_450_690] Re: TAnt uner?

> --- In TS-850_450_690@yahoogroups.com, "kjtwlf" <kjtwlf@...> wrote:
>>
>> Thanks, everyone.
>>
>> -ken
>>
> Hi Ken
>
> Did you figure out if you have the tuner built in?
> I have just bought a 450S through that well known auction site and it
> was advertised as a 450SAT but now the guy tells me it doesn't have the
> tuner built in.....Hmmm! Haven't received the radio yet and was just
> curious to know how you got on or is it still possible to buy the tuner
> board and fit it yourself
>
> Paul EI3FBB
>
>

>
> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
>
>
>
>

6137. Re: [TS-850_450_690] Re: TAnt uner?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-07-17 01:52:04 UTC
From: Ed
Topic: 6084 Message: 6137

Hi Dave, I also have a TS-450 and like you I received it from a very good friend's estate. He told me a long time ago that he was going to live to be 100...But he only made it to age 98 :) Mine does not have the built in antenna tuner. I hope to purchase an external tuner soon.
I am also interested in the information for the control cable. I sure would appreciate the info if you can send it to me. And would the same cable work on the TS-440?

Thanks and 73. Ed, WB3LKO

----- Original Message -----
From: DaveH
To: TS-850_450_690@yahoogroups.com
Sent: Monday, July 16, 2007 7:33 PM
Subject: Re: [TS-850_450_690] Re: TAnt uner?

Finding the auto tuner for it will be quite a task if you find it at all. I own a ts450sat and I know how scarce they are. It was advertised as a ts450sat you should go after the seller for fraud. Start with ebay. Are you sure it's not coming with it? By the way I developed a cable hook up to control these without the IF232 black box (which is just so much smoke and mirrors.). You do NOT need the 1F232 to cat control this rig even though the manual says so. Kenwood has been ripping customers of for years selling the IF232 black box and cables. YOU DO NOT NEED IT! Let me know if you would like a free copy of the pinout for the cable hookup. I can and will email it to you. All you need is a din plug and a db9 serial cable. I also have the op manuals and service manuals in PDF format on disk. I can ftp to you if you need it. It is a good rig and I do like it very much! I use it every day. Mine came from a dear friends estate.
73
Dave
David R. Henry LME
Licensed Master Electrician
Amateur Radio W2DRH
Member ARRL
Accredited Instructor

----- Original Message -----
From: "Paul" <paul@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Monday, July 16, 2007 6:58 PM
Subject: [TS-850_450_690] Re: TAnt uner?

> --- In TS-850_450_690@yahoogroups.com, "kjtwlf" <kjtwlf@...> wrote:
>>
>> Thanks, everyone.
>>

>> -ken
>>
> Hi Ken
>
> Did you figure out if you have the tuner built in?
> I have just bought a 450S through that well known auction site and it
> was advertised as a 450SAT but now the guy tells me it doesn't have the
> tuner built in.....Hmmm! Haven't received the radio yet and was just
> curious to know how you got on or is it still possible to buy the tuner
> board and fit it yourself
>
> Paul EI3FBB
>
>
>
> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
>
>
>
>

No virus found in this incoming message.
Checked by AVG Free Edition.
Version: 7.5.476 / Virus Database: 269.10.6/902 - Release Date: 7/15/2007 2:21 PM

[Non-text portions of this message have been removed]

6138. Re: [TS-850_450_690] Re: TAnt uner?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-07-17 10:40:47 UTC
From: Bud Haynes
Topic: 6084 Message: 6138

> By the way I developed a cable hook up to
> control these without the IF232 black box (which is just so much smoke
> and
> mirrors.). You do NOT need the 1F232 to cat control this rig even
> though the
> manual says so. Kenwood has been ripping customers of for years
> selling the
> IF232 black box and cables. YOU DO NOT NEED IT! Let me know if you would
> like a free copy of the pinout for the cable hookup. I can and will
> email it
> to you. All you need is a din plug and a db9 serial cable.
>

++++++++++++++++++++++++++++++++
Dave, I would appreciate a copy.
Thanks.
Bud - KV7G - Glenrock, WY

6139. Re: TAnt uner?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-07-17 11:05:45 UTC
From: ve3tmt
Topic: 6084 Message: 6139

--- In TS-850_450_690@yahoogroups.com, "DaveH" <w2drh@...> wrote:

By the way I developed a cable hook up to control these without the IF232 black box (which is just so much smoke and mirrors. You do NOT need the 1F232 to cat control this rig even though the manual says so. Kenwood has been ripping customers of for years selling the IF232 black box and cables. YOU DO NOT NEED IT!

Dave,

I have sent you a personal request for this hookup. I am very curious how you managed to do it seeing as how the radio and the PC communicate through two different "languages". The circuit in the files section is very easy to build and requires only a few parts. I have built many over the years. It is what I use on my 850. I have spares here and could build 2 or 3 more if anyone is interested. I would only charge for my time.

Max
VE3TMT

6140. Re: TAnt uner?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-07-17 14:03:25 UTC
From: Clif
Topic: 6084 Message: 6140

I think "Ripping people off" is a little strong.

While your circuit may work it probably does not conform to RS232 spec's which call for +/- 12v for signaling. If you build something and it works, great. Your neighbor builds it and it doesn't, Oh well, try again with a different circuit. Not all serial devices are as picky about voltages, some are.

Kenwood built a level converter to convert TTL, 0 & +5 to RS232 spec -12 & +12 Actually they got close -10 & +12. This circuit was designed in the early 80's before the advent of the one chip level converters and has a lot more pieces than needed today, BUT it's in stock and works. Why redesign just for lower price??

Just like the current crop of USB/Serial converters, some work and some don't. Depends on whether or not the output voltages are compatible. RS232 is "supposed" to work down to +/-3v. Your device is a little off tolerance and wants 3.5v and the converter is off the other way 2.8v, and they don't work. I have several around here, some work, some don't. Voltage levels.

Off of soap box.

Clif

--- In TS-850_450_690@yahoogroups.com, "ve3tmt" <ve3tmt@...> wrote:
>
> --- In TS-850_450_690@yahoogroups.com, "DaveH" <w2drh@> wrote:
>
> By the way I developed a cable hook up to control these without the
> IF232 black box (which is just so much smoke and mirrors. You do NOT
> need the 1F232 to cat control this rig even though the manual says so.
> Kenwood has been ripping customers of for years selling the IF232
> black box and cables. YOU DO NOT NEED IT!
>
>
> Dave,
>
> I have sent you a personal request for this hookup. I am very curious
> how you managed to do it seeing as how the radio and the PC
> communicate through two different "languages". The circuit in the
> files section is very easy to build and requires only a few parts. I
> have built many over the years. It is what I use on my 850. I have
> spares here and could build 2 or 3 more if anyone is interested. I
> would only charge for my time.
>

> Max
> VE3TMT
>

6141. Re: [TS-850_450_690] Re: TAnt uner?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-07-17 12:48:07 UTC
From: DaveH
Topic: 6084 Message: 6141

if you read my email it says 450s and 690 not 850. I have yet to even looked at the 850. It works very well and ham radio deluxe is a perfect companion and is currently operating on about 20 radios. NO interface box is required!
David R. Henry LME
Licensed Master Electrician
Amateur Radio W2DRH
Member ARRL
Accredited Instructor

----- Original Message -----
From: "ve3tmt" <ve3tmt@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Tuesday, July 17, 2007 7:05 AM
Subject: [TS-850_450_690] Re: TAnt uner?

> --- In TS-850_450_690@yahoogroups.com, "DaveH" <w2drh@...> wrote:
>
> By the way I developed a cable hook up to control these without the
> IF232 black box (which is just so much smoke and mirrors. You do NOT
> need the 1F232 to cat control this rig even though the manual says so.
> Kenwood has been ripping customers of for years selling the IF232
> black box and cables. YOU DO NOT NEED IT!
>
>
> Dave,
>
> I have sent you a personal request for this hookup. I am very curious
> how you managed to do it seeing as how the radio and the PC
> communicate through two different "languages". The circuit in the
> files section is very easy to build and requires only a few parts. I
> have built many over the years. It is what I use on my 850. I have
> spares here and could build 2 or 3 more if anyone is interested. I
> would only charge for my time.
>
> Max
> VE3TMT
>
>
>
> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
>
>
>

>

6142. Re: TAnt uner?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-07-17 08:36:24 UTC
From: Paul
Topic: 6084 Message: 6142

Thanks for the info Dave I have asked the guy again to clarify and he just emailed me back to say radio was on the way! I really want the radio so think I'll wait to see if it does actually have the tuner before I get onto eBay, paid approx $550 for the rig.
If you could email me the details for the cable hookup that would be great. Thanks

Paul EI3FBB

--- In TS-850_450_690@yahoogroups.com, "DaveH" <w2drh@...> wrote:
>
> Finding the auto tuner for it will be quite a task if you find it at all. I
> own a ts450sat and I know how scarce they are. It was advertised as a
> ts450sat you should go after the seller for fraud. Start with ebay. Are you
> sure it's not coming with it? By the way I developed a cable hook up to
> control these without the IF232 black box (which is just so much smoke and
> mirrors.). You do NOT need the 1F232 to cat control this rig even though the
> manual says so. Kenwood has been ripping customers of for years selling the
> IF232 black box and cables. YOU DO NOT NEED IT! Let me know if you would
> like a free copy of the pinout for the cable hookup. I can and will email it
> to you. All you need is a din plug and a db9 serial cable. I also have the
> op manuals and service manuals in PDF format on disk. I can ftp to you if
> you need it. It is a good rig and I do like it very much! I use it every
> day. Mine came from a dear friends estate.
> 73
> Dave
> David R. Henry LME
> Licensed Master Electrician
> Amateur Radio W2DRH
> Member ARRL
> Accredited Instructor
>
> ----- Original Message -----

> From: "Paul" <paul@...>
> To: <TS-850_450_690@yahoogroups.com>
> Sent: Monday, July 16, 2007 6:58 PM
> Subject: [TS-850_450_690] Re: TAnt uner?
>
>
> > --- In TS-850_450_690@yahoogroups.com, "kjtwlf" <kjtwlf@> wrote:
> >>
> >> Thanks, everyone.
> >>
> >> -ken
> >>
> > Hi Ken
> >
> > Did you figure out if you have the tuner built in?
> > I have just bought a 450S through that well known auction site
and it
> > was advertised as a 450SAT but now the guy tells me it doesn't
have the
> > tuner built in.....Hmmm! Haven't received the radio yet and
was just
> > curious to know how you got on or is it still possible to buy the
tuner
> > board and fit it yourself
> >
> > Paul EI3FBB
> >
> >
> >
> > THANKS FOR USING TS-850_450_690@...
> > Yahoo! Groups Links
> >
> >
> >
> >
>

6143. Re: [TS-850_450_690] Re: TAnt uner?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-07-17 14:16:44 UTC
From: DaveH
Topic: 6084 Message: 6143

excuse me. this is operating on 20 different radios at present. I am not a backyard mechanic. I've been in electronics for 41 years. It is a rip off.
David R. Henry LME
Licensed Master Electrician
Amateur Radio W2DRH
Member ARRL
Accredited Instructor

----- Original Message -----
From: "Clif" <clif@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Tuesday, July 17, 2007 10:03 AM
Subject: [TS-850_450_690] Re: TAnt uner?

>I think "Ripping people off" is a little strong.
>
> While your circuit may work it probably does not conform to RS232
> spec's which call for +/- 12v for signaling. If you build something
> and it works, great. Your neighbor builds it and it doesn't, Oh well,
> try again with a different circuit. Not all serial devices are as
> picky about voltages, some are.
>
> Kenwood built a level converter to convert TTL, 0 & +5 to RS232 spec
> -12 & +12 Actually they got close -10 & +12. This circuit was designed
> in the early 80's before the advent of the one chip level converters
> and has a lot more pieces than needed today, BUT it's in stock and
> works. Why redesign just for lower price??
>
> Just like the current crop of USB/Serial converters, some work and
> some don't. Depends on whether or not the output voltages are
> compatible. RS232 is "supposed" to work down to +/-3v. Your device is
> a little off tolerance and wants 3.5v and the converter is off the
> other way 2.8v, and they don't work. I have several around here, some
> work, some don't. Voltage levels.
>
> Off of soap box.
>
> Clif
>
>
> --- In TS-850_450_690@yahoogroups.com, "ve3tmt" <ve3tmt@...> wrote:
>>
>> --- In TS-850_450_690@yahoogroups.com, "DaveH" <w2drh@> wrote:
>>
>> By the way I developed a cable hook up to control these without the

>> IF232 black box (which is just so much smoke and mirrors. You do NOT
>> need the 1F232 to cat control this rig even though the manual says so.
>> Kenwood has been ripping customers of for years selling the IF232
>> black box and cables. YOU DO NOT NEED IT!
>>
>>
>> Dave,
>>
>> I have sent you a personal request for this hookup. I am very curious
>> how you managed to do it seeing as how the radio and the PC
>> communicate through two different "languages". The circuit in the
>> files section is very easy to build and requires only a few parts. I
>> have built many over the years. It is what I use on my 850. I have
>> spares here and could build 2 or 3 more if anyone is interested. I
>> would only charge for my time.
>>
>> Max
>> VE3TMT
>>
>
>
>
>
> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
>
>
>
>

6144. Re: [TS-850_450_690] Re: TAnt uner?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-07-17 17:45:10 UTC
From: DaveH
Topic: 6084 Message: 6144

Paul,
If that radio does not have the ant tuner you got screwed. Go to ebay asap
if it comes there without it. That is fraud!
David R. Henry LME
Licensed Master Electrician
Amateur Radio W2DRH
Member ARRL
Accredited Instructor

----- Original Message -----
From: "Paul" <paul@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Tuesday, July 17, 2007 4:36 AM
Subject: [TS-850_450_690] Re: TAnt uner?

> Thanks for the info Dave I have asked the guy again to clarify and he
> just emailed me back to say radio was on the way! I really want the
> radio so think I'll wait to see if it does actually have the tuner
> before I get onto eBay, paid approx $550 for the rig.
> If you could email me the details for the cable hookup that would be
> great. Thanks
>
> Paul EI3FBB
>
> --- In TS-850_450_690@yahoogroups.com, "DaveH" <w2drh@...> wrote:
>>
>> Finding the auto tuner for it will be quite a task if you find it
> at all. I
>> own a ts450sat and I know how scarce they are. It was advertised
> as a
>> ts450sat you should go after the seller for fraud. Start with
> ebay. Are you
>> sure it's not coming with it? By the way I developed a cable hook
> up to
>> control these without the IF232 black box (which is just so much
> smoke and
>> mirrors.). You do NOT need the 1F232 to cat control this rig even
> though the
>> manual says so. Kenwood has been ripping customers of for years
> selling the
>> IF232 black box and cables. YOU DO NOT NEED IT! Let me know if you
> would
>> like a free copy of the pinout for the cable hookup. I can and will
> email it
>> to you. All you need is a din plug and a db9 serial cable. I also

> have the
>> op manuals and service manuals in PDF format on disk. I can ftp to
> you if
>> you need it. It is a good rig and I do like it very much! I use it
> every
>> day. Mine came from a dear friends estate.
>> 73
>> Dave
>> David R. Henry LME
>> Licensed Master Electrician
>> Amateur Radio W2DRH
>> Member ARRL
>> Accredited Instructor
>>
>> ----- Original Message -----
>> From: "Paul" <paul@...>
>> To: <TS-850_450_690@yahoogroups.com>
>> Sent: Monday, July 16, 2007 6:58 PM
>> Subject: [TS-850_450_690] Re: TAnt uner?
>>
>>
>> > --- In TS-850_450_690@yahoogroups.com, "kjtwlf" <kjtwlf@> wrote:
>> >>
>> >> Thanks, everyone.
>> >>
>> >> -ken
>> >>
>> > Hi Ken
>> >
>> > Did you figure out if you have the tuner built in?
>> > I have just bought a 450S through that well known auction site
> and it
>> > was advertised as a 450SAT but now the guy tells me it doesn't
> have the
>> > tuner built in.....Hmmm! Haven't received the radio yet and
> was just
>> > curious to know how you got on or is it still possible to buy the
> tuner
>> > board and fit it yourself
>> >
>> > Paul EI3FBB
>> >
>> >
>> >
>> > THANKS FOR USING TS-850_450_690@...
>> > Yahoo! Groups Links
>> >
>> >
>> >
>> >

>>
>
>
>
>
> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
>
>
>
>

6145. Re: PC hookup

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-07-17 22:18:47 UTC
From: ve3tmt
Topic: 6084 Message: 6145

--- In TS-850_450_690@yahoogroups.com, "DaveH" <w2drh@...> wrote:
>
> excuse me. this is operating on 20 different radios at present. I am not a
> backyard mechanic. I've been in electronics for 41 years. It is a rip off.
> David R. Henry LME
> Licensed Master Electrician
> Amateur Radio W2DRH
> Member ARRL
> Accredited Instructor

Dave,

The pictures you sent me show nothing more than a bunch of cables wrapped in tape and even that is hard to make out. Where is the wiring diagram? How are we to investigate this "rip off" when we can't even see the circuit?

Max
VE3TMT

6146. Re: [TS-850_450_690] Re: PC hookup

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-07-17 22:44:57 UTC
From: DaveH
Topic: 6084 Message: 6146

I react very badly to such emails. Who made you the serial com/black box police? I have nothing to prove to you and nothing is whar you get.
David R. Henry LME
Licensed Master Electrician
Amateur Radio W2DRH
Member ARRL
Accredited Instructor

----- Original Message -----
From: "ve3tmt" <ve3tmt@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Tuesday, July 17, 2007 6:18 PM
Subject: [TS-850_450_690] Re: PC hookup

> --- In TS-850_450_690@yahoogroups.com, "DaveH" <w2drh@...> wrote:
>>
>> excuse me. this is operating on 20 different radios at present. I
> am not a
>> backyard mechanic. I've been in electronics for 41 years. It is a
> rip off.
>> David R. Henry LME
>> Licensed Master Electrician
>> Amateur Radio W2DRH
>> Member ARRL
>> Accredited Instructor
>
> Dave,
>
> The pictures you sent me show nothing more than a bunch of cables
> wrapped in tape and even that is hard to make out. Where is the wiring
> diagram? How are we to investigate this "rip off" when we can't even
> see the circuit?
>
> Max
> VE3TMT
>
>
>
> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
>
>
>
>

6147. Re: [TS-850_450_690] Re: PC hookup

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-07-17 22:49:55 UTC
From: DaveH
Topic: 6084 Message: 6147

In addition if you had asked nicely and not tried to bully your way through
you would have received it gladly. I don't know who you think you are. But I
do know your get nothing.
David R. Henry LME
Licensed Master Electrician
Amateur Radio W2DRH
Member ARRL
Accredited Instructor

----- Original Message -----
From: "ve3tmt" <ve3tmt@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Tuesday, July 17, 2007 6:18 PM
Subject: [TS-850_450_690] Re: PC hookup

> --- In TS-850_450_690@yahoogroups.com, "DaveH" <w2drh@...> wrote:
>>
>> excuse me. this is operating on 20 different radios at present. I
> am not a
>> backyard mechanic. I've been in electronics for 41 years. It is a
> rip off.
>> David R. Henry LME
>> Licensed Master Electrician
>> Amateur Radio W2DRH
>> Member ARRL
>> Accredited Instructor
>
> Dave,
>
> The pictures you sent me show nothing more than a bunch of cables
> wrapped in tape and even that is hard to make out. Where is the wiring
> diagram? How are we to investigate this "rip off" when we can't even
> see the circuit?
>
> Max
> VE3TMT
>
>
>
> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
>
>
>
>

6148. NOTE TO MODERATORS

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-07-18 03:23:03 UTC
From: ve3tmt
Topic: 6084 Message: 6148

--- In TS-850_450_690@yahoogroups.com, "DaveH" <w2drh@...> wrote:
>
> I react very badly to such emails. Who made you the serial com/black
box
> police? I have nothing to prove to you and nothing is whar you get.
> David R. Henry LME
> Licensed Master Electrician
> Amateur Radio W2DRH
> Member ARRL
> Accredited Instructor

I sent Dave a very polite e-mail asking for some pictures of the circuit he used, and what I got was a bunch of photographs showing nothing more than the back of his computer, a couple of screen shots of Ham Radio Deluxe running and a few shots of cables tied together. No circuit drawing, nothing. Not that I really care. I use my own homebrew interface thats works quite well, I was only curious as to what he was using. As a former moderator and co-owner of this group I would expect something to be done about his tone to myself and other members as shown in his responses. I would suggest his status be changed to moderated, as I feel nothing I have asked of him is worthy of his rude, sarcastic responses.

Max
VE3TMT

6149. Re: [TS-850_450_690] NOTE TO MODERATORS

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-07-18 07:20:19 UTC
From: johnnygm7lsi@aol.com
Topic: 6084 Message: 6149

Max,,,,,,,, You were the one that was RUDE!!!!!!!!!!,,,, I was quite shocked at the email you sent Dave regarding his photographs,,,, he is under no obligation to send you anything,,, and you have no right to demand anything from anybody on here,,,, this is a HOBBY,, a hobby about communication and freindship.

Johnny, GM7LSI

--- In _TS-850_450_690@TS-850_450_6TS-_ (mailto:TS-850_450_690@yahoogroups.com) , "DaveH" <w2drh@...> wrote:
>
> I react very badly to such emails. Who made you the serial com/black box
> police? I have nothing to prove to you and nothing is whar you get.
> David R. Henry LME
> Licensed Master Electrician
> Amateur Radio W2DRH
> Member ARRL
> Accredited Instructor

I sent Dave a very polite e-mail asking for some pictures of the circuit he used, and what I got was a bunch of photographs showing nothing more than the back of his computer, a couple of screen shots of Ham Radio Deluxe running and a few shots of cables tied together. No circuit drawing, nothing. Not that I really care. I use my own homebrew interface thats works quite well, I was only curious as to what he was using. As a former moderator and co-owner of this group I would expect something to be done about his tone to myself and other members as shown in his responses. I would suggest his status be changed to moderated, as I feel nothing I have asked of him is worthy of his rude, sarcastic responses.

Max
VE3TMT

[Non-text portions of this message have been removed]

6150. Re: NOTE TO MODERATORS

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-07-18 11:00:57 UTC
From: ve3tmt
Topic: 6084 Message: 6150

--- In TS-850_450_690@yahoogroups.com, johnnygm7lsi@... wrote:
>
>
>
>
>
> Max,,,,,,,, You were the one that was RUDE!!!!!!!!!!,,,, I was quite
> shocked at the email you sent Dave regarding his photographs,,,, he
is under no
> obligation to send you anything,,, and you have no right to demand
anything from
> anybody on here,,,, this is a HOBBY,, a hobby about communication and
> freindship.
>
> Johnny, GM7LSI

Johnny,

I WAS RUDE???? Look at the replies he has sent other members my friend. You say you were quite shocked at the e-mail I sent him regarding the photos? I never sent him an e-mail after he sent the pictures, I replied publicly in this group. And as for demanding, I demanded nothing. I really wish I had kept the e-mail I sent him, which basically stated..."Hey Dave, I would be interested in seeing the information on the circuit" and nothing more. And when I inquire about the content of the pictures, stating the ones he sent me really didn't show much, he blasts ME and says he doesn't take kindly to those kinds of e-mails? WTF? And YOU talk about the friendship in ham radio.

Did you not see his reply to Clif? Wake up man and get your facts straight or stay out of it. I will not reply any further on this subject.

Max
VE3TMT

6151. Note From Moderators to group....

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-07-18 13:26:15 UTC
From: Jon
Topic: 6151 Message: 6151

Alright everyone...calm down...chill.
Time to close this topic and move along....nothing
to see here.

73,
Jon
KD5SFA

[Non-text portions of this message have been removed]

6152. Re: [TS-850_450_690] Note From Moderators to group....

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-07-18 13:34:49 UTC
From: DaveH
Topic: 6151 Message: 6152

thank you sir!
David R. Henry LME
Licensed Master Electrician
Amateur Radio W2DRH
Member ARRL
Accredited Instructor

----- Original Message -----
From: "Jon" <kd5sfa@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Wednesday, July 18, 2007 9:26 AM
Subject: [TS-850_450_690] Note From Moderators to group....

> Alright everyone...calm down...chill.
> Time to close this topic and move along....nothing
> to see here.
>
> 73,
> Jon
> KD5SFA
>
>
> [Non-text portions of this message have been removed]
>
>
>
> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
>
>
>
>

6154. TU-8 Tone Board Chart

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-07-19 22:46:59 UTC
From: n8fau15
Topic: 6154 Message: 6154

Does anyone have the chart for the tone settings?

Now in an area where there is 6m activity and now I need the info and
I can't find the darn chart....

Thanks

Bob
N8FAU
Saranac, MI

6155. Re: [TS-850_450_690] TU-8 Tone Board Chart

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-07-20 00:57:39 UTC
From: ve3wej gmail
Topic: 6154 Message: 6155

in the manual, and I beleive piexx has a clone of that tone board.......maybe they show the tones there

VE3WEJ
Dave Garber
----- Original Message -----
From: n8fau15
To: TS-850_450_690@yahoogroups.com
Sent: Thursday, July 19, 2007 6:46 PM
Subject: [TS-850_450_690] TU-8 Tone Board Chart

Does anyone have the chart for the tone settings?

Now in an area where there is 6m activity and now I need the info and
I can't find the darn chart....

Thanks

Bob
N8FAU
Saranac, MI

[Non-text portions of this message have been removed]

6156. New file uploaded to TS-850_450_690

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-07-20 01:50:40 UTC
From: TS-850_450_690@yahoogroups.com
Topic: 421 Message: 6156

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the TS-850_450_690
group.

File : /TU8 switches.jpg
Uploaded by : ag1pct <bitwdlr@...>
Description : TU-8 Switch Setting

You can access this file at the URL:
http://groups.yahoo.com/group/TS-850_450_690/files/TU8%20switches.jpg

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/help/us/groups/files

Regards,

ag1pct <bitwdlr@...>

6157. Re: TU-8 Tone Board Chart

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-07-20 01:52:51 UTC
From: Ron
Topic: 6154 Message: 6157

I uploaded settings to files section - Called TU-8 Tones.jpg.

73

Ron - AG1P

--- In TS-850_450_690@yahoogroups.com, "n8fau15" <n8fau@...> wrote:
>
> Does anyone have the chart for the tone settings?
>
> Now in an area where there is 6m activity and now I need the info and
> I can't find the darn chart....
>
>
> Thanks
>
> Bob
> N8FAU
> Saranac, MI
>

6158. Re: TU-8 Tone Board Chart

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-07-20 11:36:34 UTC
From: n8fau15
Topic: 6154 Message: 6158

BIG Thanks!!!!!!

73
> > N8FAU
> > Saranac, MI
> >
>

6159. looking for AT-450 tuner

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-07-21 20:14:11 UTC
From: ibanrzrg
Topic: 6159 Message: 6159

hi si from England here i am after a AT-450 tuner for my TS-450s
anyone know of one for sale i just cannot find one

6160. OT: Need Capacitor

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-07-22 14:51:28 UTC
From: Bob Snelgrove
Topic: 6160 Message: 6160

Hello fellow KW brothers :)

I need a .1 mf 600VDC capacitor for a home automation (X10) project. They call it phase coupling.

I can't find one locally (Radio Shack USA) and wondered if anyone here could help out?

thx

bob

[Non-text portions of this message have been removed]

6161. Bracket

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-07-23 20:29:01 UTC
From: Bill
Topic: 6161 Message: 6161

Can anyone please tell me what size screws hold the MB-430 bracket onto
the TS-690s?

Thanks and 73's

de kb2sin
Bill

6162. Re: [TS-850_450_690] Bracket

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-07-24 00:36:12 UTC
From: ve3wej gmail
Topic: 6161 Message: 6162

are you talking about the screws for the small brackets, or the actual mobile bracket itself

VE3WEJ
Dave Garber
----- Original Message -----
From: Bill
To: TS-850_450_690@yahoogroups.com
Sent: Monday, July 23, 2007 4:29 PM
Subject: [TS-850_450_690] Bracket

Can anyone please tell me what size screws hold the MB-430 bracket onto the TS-690s?

Thanks and 73's

de kb2sin
Bill

[Non-text portions of this message have been removed]

6163. Re: [TS-850_450_690] Bracket

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-07-24 01:17:21 UTC
From: Lather-n-Lights
Topic: 6161 Message: 6163

Im looking at building my own bracket and need to have the size screw that goes into the side of the radio, I believe it would be the mobile bracket.
Thanks

ve3wej gmail <ve3wej@...> wrote:
are you talking about the screws for the small brackets, or the actual mobile bracket itself

VE3WEJ
Dave Garber
----- Original Message -----
From: Bill
To: TS-850_450_690@yahoogroups.com
Sent: Monday, July 23, 2007 4:29 PM
Subject: [TS-850_450_690] Bracket

Can anyone please tell me what size screws hold the MB-430 bracket onto
the TS-690s?

Thanks and 73's

de kb2sin
Bill

[Non-text portions of this message have been removed]

Check out our Website @ www.latherandlights.com
"Burning One of Our Candles, just makes Good Scents!!!

Building a website is a piece of cake.
Yahoo! Small Business gives you all the tools to get online.

[Non-text portions of this message have been removed]

6164. Re: Bracket

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-07-24 01:55:31 UTC
From: ve3tmt
Topic: 6161 Message: 6164

--- In TS-850_450_690@yahoogroups.com, Lather-n-Lights
<latherandlights@...> wrote:
>
> Im looking at building my own bracket and need to have the size
screw that goes into the side of the radio, I believe it would be the
mobile bracket.
> Thanks

Most use an M6 screw. Not sure of the length but I wouldn't go longer
than 4mm. Available at Home Depot.

Max
VE3TMT

6165. Re: [TS-850_450_690] Re: Bracket

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-07-24 13:07:06 UTC
From: Lather-n-Lights
Topic: 6161 Message: 6165

Im not sure what an M6 Screw is as far as size. Can you help me with that?
Thanks 73's
de kb2sin

ve3tmt <ve3tmt@...> wrote:
--- In TS-850_450_690@yahoogroups.com, Lather-n-Lights
<latherandlights@...> wrote:
>
> Im looking at building my own bracket and need to have the size
screw that goes into the side of the radio, I believe it would be the
mobile bracket.
> Thanks

Most use an M6 screw. Not sure of the length but I wouldn't go longer
than 4mm. Available at Home Depot.

Max
VE3TMT

Check out our Website @ www.latherandlights.com
"Burning One of Our Candles, just makes Good Scents!!!

Get the free Yahoo! toolbar and rest assured with the added security of spyware protection.

[Non-text portions of this message have been removed]

6166. Re: Bracket

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-07-24 17:14:49 UTC
From: ve3tmt
Topic: 6161 Message: 6166

--- In TS-850_450_690@yahoogroups.com, Lather-n-Lights
<latherandlights@...> wrote:
>
> Im not sure what an M6 Screw is as far as size. Can you help me with
that?
> Thanks 73's
> de kb2sin

It is a metric size. IF HD carries them it will be labelled on the bin
as M6.

Max
VE3TMT

6167. Care and (audio) feeding of a TS-850SAT

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-07-24 19:11:30 UTC
From: Ken Bessler
Topic: 6167 Message: 6167

My 2nd TS-850SAT is enroute to me. I had one before but sold it. Rest assured
if I ever sell this one, it'll be for parts on eBay after some major fault arises.

Hopefully that won't happen for many years.

Anyways, my new rig has the RTTY jack redirected to the balanced modulator and I'm trying to learn how (or if) to use this capability to get that "killer" TX
audio. I do NOT want to exceed normal bandwidth until notions like eSSB become
approved. I also do not want people finding me on the air just to complain that
I'm "splattering".

I did a bit of googling and learned of an inexpensive alternative to the multiple
stage studio quality audio hardware. That is the software equalizer by RoMac. I
figure if it's good enough for Art Bell then it's worth looking into. I downloaded
the demo and was STUNNED how a simple headset boom mic from a cell phone could be made to sound so good. REALLY good.

Anyone have tips on feeding the balanced modulator? I may be wrong (and please, someone correct me if this is so) but the way I see it my goals and restrictions might be met by feeding the Romac eq with my boom mic then directing the output to my mic socket (through the necessary attenuation and transformers), not the balanced modulator. Right? Wrong?

Also, let me see if I got this right - All mics (even garbage ones) are alike except
for how they respond to input therefore all I need is a "decent" mic and a good TX DSP program like RoMac or a hardware eq to compensate.

Sorry guys if this sounds dumb but I'm learning......

Ken

73's de Ken KG0WX - Kadiddlehopper #11808,
Flying Pigs #-1055, Grid EM17io

_____
http://imagine-windowslive.com/hotmail/?locale=en-us&ocid=TXT_TAGHM_migration_HM_mini_2G_0507

6168. Re: Bracket

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-07-24 19:35:34 UTC
From: Clif
Topic: 6161 Message: 6168

Kenwood PN N32-3006-46. Translation; 3mm screw 6mm long. Flathead,
chrome plated.

Clif

--- In TS-850_450_690@yahoogroups.com, "Bill" <latherandlights@...> wrote:
>
> Can anyone please tell me what size screws hold the MB-430 bracket onto
> the TS-690s?
>
> Thanks and 73's
>
> de kb2sin
> Bill
>

6169. DRU-2 problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-07-24 20:38:07 UTC
From: ha7wac
Topic: 6169 Message: 6169

Howdy Gang!

I had a DRU-2 which i almost never used on my 850.

Tried it before selling, it was OK. Then i sold it to a HAM around here.

He told me he changed the battery, but no improvement.

The unit will start to count seconds during recording, but when he
tries to play back his voice, he doesn't hear anything! Yes, he hooked
up the original MC43 handmike... :)

Any ideas?

Thanx a lot in advance for your help,
vy73
Chris HA7WX

6170. Re: [TS-850_450_690] DRU-2 problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-07-24 23:39:10 UTC
From: ve3wej gmail
Topic: 6169 Message: 6170

has he turned up the monitor volume????

VE3WEJ
Dave Garber
----- Original Message -----
From: ha7wac
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, July 24, 2007 4:38 PM
Subject: [TS-850_450_690] DRU-2 problem

Howdy Gang!

I had a DRU-2 which i almost never used on my 850.

Tried it before selling, it was OK. Then i sold it to a HAM around here.

He told me he changed the battery, but no improvement.

The unit will start to count seconds during recording, but when he
tries to play back his voice, he doesn't hear anything! Yes, he hooked
up the original MC43 handmike... :)

Any ideas?

Thanx a lot in advance for your help,
vy73
Chris HA7WX

[Non-text portions of this message have been removed]

6171. Selling my TS-850s/AT and DSP-100

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-07-25 16:16:55 UTC
From: de_n7ioh
Topic: 6171 Message: 6171

Hi all, I have been a member of this group for some time and then dropped out because on other things. I just joined again so I could let the grope know that I am selling my Kenwood gear. This group has been a lot of help to me and I have learned a lot here. I just listed my gear in eHam.net yesterday and thought it fitting that I should advise everyone here of it. I am going to just copy the listings onto here to make it easy for all. If interested please contact me directly at, wenjint@...

I have for sale the Kenwood TS-850S/AT SN21000429 (with built in tuner). It has been updated to the new DDS chips and the stock filters have been replaced with INRAD 2.8 KHz filters in both IF\'s and wired in by Clif, KA5IPF at AVVid. The radio also has INRAD 2.1 KHz filters installed in both IF\'s. The filters alone would cost $540 from INRAD. The CAR board has had the capacitors replaced with upgraded caps as per Kenwoods recommendation. The radio comes with the original owners manual, Kenwood service manual, the Kenwood hand microphone, and both boxes. Cosmetically the radio is about a 9 out of 10. The price is $850 plus shipping from Payson, AZ 85541.

I have for sale the much sought after Kenwood DSP-100 Digital Signal Processor, sn. 30200285. This unit is in excellent condition and works better then new. I have just finished checking it out and fixing a few bad solder connections on the back connectors. I also added two small 40mm fans to the bottom to keep things cool, one on each side. A resistor keeps the fans running at a very slow speed so there is no noise. Also installed taller feet to the bottom to allow air circulation and clearance for the fans. I also just bought a new 6 pin connection cable to replace the original, still in the package. The 13 pin connection cable is in new condition. Also included are the two phone cables (but not original), and the original owners manual. I have taken many photos of the unit including the fan installations and they are available upon request. I am asking $650 plus shipping from Payson, AZ 85541.

Thanks everyone, Al, n7ioh

6172. Re: DRU-2 problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-07-26 13:21:10 UTC
From: ha7wac
Topic: 6169 Message: 6172

Thank you Dave, he said he did that, but nothing though.
I will visit him and take back the unit, then i'll have it checked by
a friend of mine who is a tech.
73's
Chris

>
> has he turned up the monitor volume????
>
>
> VE3WEJ
> Dave Garber
> ----- Original Message -----
> From: ha7wac
> To: TS-850_450_690@yahoogroups.com
> Sent: Tuesday, July 24, 2007 4:38 PM
> Subject: [TS-850_450_690] DRU-2 problem
>
>
> Howdy Gang!
>
> I had a DRU-2 which i almost never used on my 850.
>
> Tried it before selling, it was OK. Then i sold it to a HAM
around here.
>
> He told me he changed the battery, but no improvement.
>
> The unit will start to count seconds during recording, but when
he
> tries to play back his voice, he doesn't hear anything! Yes, he
hooked
> up the original MC43 handmike... :)
>
> Any ideas?
>
> Thanx a lot in advance for your help,
> vy73
> Chris HA7WX
>
>
>
>
>
> [Non-text portions of this message have been removed]

>

6173. Intermittant TX - TS-850SAT

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-07-27 08:23:17 UTC
From: Ken Bessler
Topic: 6173 Message: 6173

My TS-850SAT sometimes won't have any SSB power and no AM TX.
CW, FSK and FM are fine. VOX works. I pulled the top and bottom
covers off and while the rig was faulting, I moved and jiggled several
cables. Nada.

I gave up and decided to flip her over and followed the instructions
for using the cal cable to trim the frequency (which was about 48hz
off). While I was undoing the screws for the CAR unit - BINGO! The
rig works.

I would like to add that the previous owner modded the rig by un-
plugging the RTTY cable from the jack pc board. He then added a
small electrolytic cap to the jack and fed a sheilded line to the bal-
anced modulator. I dunno if that has anything to do with my issue.

Help?

Ken

73's de Ken KG0WX - Kadiddlehopper #11808,
Flying Pigs #-1055, Grid EM17io

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place! http://maps.live.com/?wip=69&FORM=MGAC01

6174. Re: [TS-850_450_690] Intermittant TX - TS-850SAT

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-07-27 19:27:28 UTC
From: ve3wej gmail
Topic: 6173 Message: 6174

My TS-850SAT sometimes won't have any SSB power and no AM TX.
CW, FSK and FM are fine. VOX works. I pulled the top and bottom
covers off and while the rig was faulting, I moved and jiggled several
cables. Nada.

ssb is the sidebands of am, so this makes sense

I gave up and decided to flip her over and followed the instructions
for using the cal cable to trim the frequency (which was about 48hz
off). While I was undoing the screws for the CAR unit - BINGO! The
rig works.

lucky find......correct find????? or coincidence time will tell

I would like to add that the previous owner modded the rig by un-
plugging the RTTY cable from the jack pc board. He then added a
small electrolytic cap to the jack and fed a sheilded line to the bal-
anced modulator. I dunno if that has anything to do with my issue.

some tnc input are too loud in audio, so maybe he was trying to limit, or suppress rf...
this would have NO effect on mike operation though

Help?

Ken

73's de Ken KG0WX - Kadiddlehopper #11808,
Flying Pigs #-1055, Grid EM17io

[Non-text portions of this message have been removed]

6175. TS-450 with RIGblaster Pro using HRD

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-07-27 19:18:26 UTC
From: ki4wej
Topic: 6175 Message: 6175

I'm now using the clubs TS-450 and I really would like to be able to use Ham Radio Deluxe controls as well as the digital modes available. I have researched a little bit but have yet to talk to anyone using this combination. My question is how easy or difficult was the set up process and what else will I need to get to complete all the needed connections? My future plans are to buy an 857D for my own rig so I want to be sure that I will be able to use the RIGblaster with that radio as well. Thank you in advance for all your help!

JBarnes74@...

6176. Re: [TS-850_450_690] TS-450 with RIGblaster Pro using HRD

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-07-28 00:33:39 UTC
From: Tom Osborne
Topic: 6175 Message: 6176

Setup for the TS-450SAT is very easy. I have 2 of them here. Just go to eBay and search for G4ZLP. He makes an interface cable that plugs into the side of the radio and goes right into the computer. I have bought 3 cables from him and the service is great. Took 6 days from the UK to Oregon. And the price is right!! 73
Tom W7WHY

> I'm now using the clubs TS-450 and I really would like to be able to
> use Ham Radio Deluxe controls as well as the digital modes available.
> I have researched a little bit but have yet to talk to anyone using
> this combination. My question is how easy or difficult was the set up
> process and what else will I need to get to complete all the needed
> connections? My future plans are to buy an 857D for my own rig so I
> want to be sure that I will be able to use the RIGblaster with that
> radio as well. Thank you in advance for all your help!
>
> JBarnes74@...

6177. Re: Intermittant TX - TS-850SAT

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-07-29 17:01:34 UTC
From: Ken Bessler
Topic: 6173 Message: 6177

--- In TS-850_450_690@yahoogroups.com, "ve3wej gmail" <ve3wej@...>
wrote:
>
> I gave up and decided to flip her over and followed the instructions
> for using the cal cable to trim the frequency (which was about 48hz
> off). While I was undoing the screws for the CAR unit - BINGO! The
> rig works.
>
>
> lucky find......correct find????? or coincidence time will tell
>

It's been several days now and no problems.... I guess it's fixed.

Thanks for the help.

Ken KG0WX

6178. TS-850SAT Help with power cord

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-07-31 02:02:24 UTC
From: Ken Bessler
Topic: 6178 Message: 6178

I just realised my TS-850SAT's power cord is not the factory cord.
Sure, it's long enough and heavy enough but it has both conductors
fused. That's ok, too but I'm confused about the fuse size. Do I use
25A fuses in both holders or smaller ones?

73's de Ken KG0WX - Kadiddlehopper #11808,
Flying Pigs #-1055, Grid EM17io

_____
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place! http://maps.live.com/?wip=69&FORM=MGAC01

6179. Re: [TS-850_450_690] TS-850SAT Help with power cord

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-07-31 03:33:45 UTC
From: Zack Widup
Topic: 6178 Message: 6179

On Mon, 30 Jul 2007, Ken Bessler wrote:

> I just realised my TS-850SAT's power cord is not the factory cord.
> Sure, it's long enough and heavy enough but it has both conductors
> fused. That's ok, too but I'm confused about the fuse size. Do I use
> 25A fuses in both holders or smaller ones?

You'll have to use 25A fuses in both, or bypass the ground lead fuse and just use one in the plus voltage lead (recommended). Each lead is going to conduct the same current.

>
> 73's de Ken KG0WX - Kadiddlehopper #11808,

Don't leave out Cauliflower McPug - Bolivar Shagnasty - Getrude and Heathcliff the two seagulls ...
:-)

73, Zack W9SZ

6180. Re: [TS-850_450_690] TS-850SAT Help with power cord

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-07-31 03:35:29 UTC
From: Allen Turner
Topic: 6178 Message: 6180

Use a 25 amp fuse in each lead. The stock fuse should
be an AGC 25A fuse, fast blow. Mine say 250 Volt but
32 volt is fine also.

Al, n7ioh

--- Ken Bessler <kg0wx@...> wrote:

> I just realised my TS-850SAT's power cord is not the
> factory cord.
> Sure, it's long enough and heavy enough but it has
> both conductors
> fused. That's ok, too but I'm confused about the
> fuse size. Do I use
> 25A fuses in both holders or smaller ones?
>
> 73's de Ken KG0WX - Kadiddlehopper #11808,
> Flying Pigs #-1055, Grid EM17io
>
>

> Local listings, incredible imagery, and driving
> directions - all in one
> place! http://maps.live.com/?wip=69&FORM=MGAC01
>
>

Choose the right car based on your needs. Check out Yahoo! Autos new Car Finder tool.
http://autos.yahoo.com/carfinder/

6181. Re: [TS-850_450_690] TS-850SAT Help with power cord

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-07-31 20:53:10 UTC
From: ve3wej gmail
Topic: 6178 Message: 6181

I just checked my extra cable, and it has the 25a agc fuses in each line also, but I would NOT bypass the ground line, extra protection never hurt

VE3WEJ
Dave Garber

[Non-text portions of this message have been removed]

6182. Re: [TS-850_450_690] TS-850SAT Help with power cord

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-08-01 18:38:32 UTC
From: Ronnie Bass
Topic: 6178 Message: 6182

hey i got a TS 450S for sale with a antenna tuner in it in real good shape and also a COBRA 2000 GTL have 2 SPEAKERS with it its in good shape if anybody interested email me and let me know thank you bass_ronnie@...

ERNEST T BASS

[Non-text portions of this message have been removed]

6183. TS 450S KENWOOD for sale w/antenna tuner & COBRA 2000 GTL WITH 2 SPEAKERS

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-08-02 02:50:02 UTC
From: Ronnie Bass
Topic: 6183 Message: 6183

hey i got a TS 450S for sale with a antenna tuner in it in real good shape and also a COBRA 2000 GTL have 2 SPEAKERS with it its in good shape if anybody interested email me and let me know thank you bass_ronnie@...

ERNEST T BASS

[Non-text portions of this message have been removed]

6184. TS-850SAT Stingy ALC meter

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-08-04 16:02:53 UTC
From: Ken Bessler
Topic: 6184 Message: 6184

My TS-850SAT has developed a stingy ALC meter. The only time I see
a reading is when the tuner is out of line and the SWR is a touch high
(1.5:1 or so). I suspect a dirty pot but I don't know if I should adjust
that or how to adjust that.

Help?

73's de Ken KG0WX - Kadiddlehopper #11808,
Flying Pigs #-1055, Grid EM17io

_____
Now you can see trouble?before he arrives
http://newlivehotmail.com/?ocid=TXT_TAGHM_migration_HM_viral_protection_0507

6185. Filter recomendations

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-08-06 19:49:08 UTC
From: Ray
Topic: 6185 Message: 6185

HI
I have a TS-850SAT with stock filters and opt 500 HZ Kenwood
8 MHZ IF fliter only.

I am thinking of getting a 2.1 or 1.8 for SSB, from INRAD for the 455
IF , anyone have recomendations , I operate mostly SSB, but some CW and
digtal modes some. Maybe would condisider a 500 HZ for the 455 IF too.

I didn't think it would do much good to get a 1.8 for the 8 MHZ IF

Any recomendations ?

73 Ray WB0HHM

6186. Re: [TS-850_450_690] Filter recomendations

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-08-06 22:02:50 UTC
From: WW3S
Topic: 6185 Message: 6186

the slope tuning is just as effective as a 1.8 mhz filter for SSB; save your money and put it to a cw filter

On 8/6/2007 3:49:08 PM, Ray (wb0hhm@...) wrote:
> HI
> I have a TS-850SAT with stock filters and opt 500 HZ Kenwood
> 8 MHZ IF fliter only.
>
> I am thinking of getting a 2.1 or 1.8 for SSB, from INRAD for the 455
> IF , anyone have recomendations , I operate mostly SSB, but some CW and
> digtal modes some. Maybe would condisider a 500 HZ for the 455 IF too.
>
> I didn't think it would do much good to get a 1.8 for the 8 MHZ IF
>
> Any recomendations ?
>
> 73 Ray WB0HHM
>
>
>
>
>
> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
>
>
>

6187. Re: Filter recomendations

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-08-06 21:32:09 UTC
From: Dennis
Topic: 6185 Message: 6187

With the slope tuning on the 850, I don't see the need for a SSB filter. Dennis W8YS

--- In TS-850_450_690@yahoogroups.com, "Ray" <wb0hhm@...> wrote:
>
> HI
> I have a TS-850SAT with stock filters and opt 500 HZ Kenwood
> 8 MHZ IF fliter only.
>
> I am thinking of getting a 2.1 or 1.8 for SSB, from INRAD for the 455
> IF , anyone have recomendations , I operate mostly SSB, but some CW and
> digtal modes some. Maybe would condisider a 500 HZ for the 455 IF too.
>
> I didn't think it would do much good to get a 1.8 for the 8 MHZ IF
>
> Any recomendations ?
>
> 73 Ray WB0HHM
>

6188. Re: [TS-850_450_690] Filter recomendations

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-08-06 21:45:47 UTC
From: Rob Frohne
Topic: 6185 Message: 6188

Hi Ray,

I have the stock SSB filters in both IF's, and a 1.8 SSB filter in the 8 MHz IF and 500 Hz INRAD in the 8 MHz and 455 KHz Collins mechanical filter in the 455 KHz IF. The 1.8 is the least useful I think. My operating habits are similar to yours, though I spend most of my time listening instead of talking.

73,

Rob, KL7NA

On Mon, 2007-08-06 at 19:49 +0000, Ray wrote:
> HI
> I have a TS-850SAT with stock filters and opt 500 HZ Kenwood
> 8 MHZ IF fliter only.
>
> I am thinking of getting a 2.1 or 1.8 for SSB, from INRAD for the 455
> IF , anyone have recomendations , I operate mostly SSB, but some CW and
> digtal modes some. Maybe would condisider a 500 HZ for the 455 IF too.
>
> I didn't think it would do much good to get a 1.8 for the 8 MHZ IF
>
> Any recomendations ?
>
> 73 Ray WB0HHM
>
>
>
>
>
> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
>
>
>
--
Rob Frohne, Ph.D., P.E., Professor
E.F. Cross School of Engineering
Walla Walla College
100 SW 4th St.
College Place, WA 99324
(509) 527-2075
http://www.wwc.edu/~frohro/

6189. Re: [TS-850_450_690] Filter recomendations

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-08-07 11:05:07 UTC
From: Steve Gehring
Topic: 6185 Message: 6189

Ray wrote:
>
> HI
> I have a TS-850SAT with stock filters and opt 500 HZ Kenwood
> 8 MHZ IF fliter only.
>
> I am thinking of getting a 2.1 or 1.8 for SSB, from INRAD for the 455
> IF , anyone have recomendations , I operate mostly SSB, but some CW and
> digtal modes some. Maybe would condisider a 500 HZ for the 455 IF too.
>
> I didn't think it would do much good to get a 1.8 for the 8 MHZ IF
>
> Any recomendations ?
>
> 73 Ray WB0HHM
>
>
A second 455 KHz, 400 Hz wide cw filter (cascaded with the 8.83 MHz)
would do
wonders for the rig in that and narrower modes. Otherwise, try the 455
KHz IF,
2.1 KHz filter, as it'll really cut down on adjacent splatter in crowded
conditions and
during SSB contests.

Personally, I run all INRAD filters in my 850SAT -- a 400 Hz in the 8.83
MHz IF,
and two each 2.8 KHz wide filters in both IF's for SSB.

GL.

Let us know what you decide and how you like it.

Steve, NL7W

6190. Re: Filter recomendations

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-08-07 20:53:25 UTC
From: ve3tmt
Topic: 6185 Message: 6190

I run 500 hz CW filters in both IF's. I don't notice a big reduction in noise when engaging the 8.83 filter. The 455 filter works wonders. I don't do much CW but they are a godsend for digital mode work.

Max
VE3TMT

6191. TS 850 SAT Serial number 9xxxxxx, date of built?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-08-08 15:15:38 UTC
From: Joe
Topic: 6191 Message: 6191

Hi
I know serial number - 2 is year of manufation, is it 1987 or 1997
tnx for help
Joe

6192. Re: TS 850 SAT Serial number 9xxxxxx, date of built?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-08-08 15:52:53 UTC
From: Clif
Topic: 6191 Message: 6192

Since the 850 came out in '91, hmmmm wonder if that's a clue???

Clif

-- In TS-850_450_690@yahoogroups.com, "Joe" <oe3jtb@...> wrote:
>
> Hi
> I know serial number - 2 is year of manufation, is it 1987 or 1997
> tnx for help
> Joe
>

6193. Re: TS 850 SAT Serial number 9xxxxxx, date of built?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-08-08 16:40:19 UTC
From: Joe
Topic: 6191 Message: 6193

Hi Clif
tnx for fast answer, so it should be a last version :-)
Nice trx this TS-850...
73 Joe

--- In TS-850_450_690@yahoogroups.com, "Clif" <clif@...> wrote:
>
> Since the 850 came out in '91, hmmmm wonder if that's a clue???
>
> Clif
>
> -- In TS-850_450_690@yahoogroups.com, "Joe" <oe3jtb@> wrote:
> >
> > Hi
> > I know serial number - 2 is year of manufation, is it 1987 or 1997
> > tnx for help
> > Joe
> >
>

6194. F. LOCK doesn't work under computer control.

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-08-09 11:24:23 UTC
From: Rob Frohne
Topic: 6194 Message: 6194

Hi All,

Has anyone else noticed that when you have the TS-850S connected to a computer for control, that the frequency lock feature only partly works. (For me it works if you don't tune too quickly.) The light comes on just fine.

73,

Rob, KL7NA

6195. Re: TS 850 SAT Serial number 9xxxxxx, date of built?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-08-09 12:50:10 UTC
From: df2jp_1
Topic: 6191 Message: 6195

--- In TS-850_450_690@yahoogroups.com, "Clif" <clif@...> wrote:
>
> Since the 850 came out in '91, hmmmm wonder if that's a clue???
>
> Clif
>
> -- In TS-850_450_690@yahoogroups.com, "Joe" <oe3jtb@> wrote:
> >
> > Hi
> > I know serial number - 2 is year of manufation, is it 1987 or
1997
> > tnx for help
> > Joe
> >
>

Hi all,

it´s very easy, depends on the regency of the japanese emperor

Hiroito
1980 Showa 55xxx
1981 Showa 56xxx
1982 Showa 57xxx
1983 Showa 58xxx
1984 Showa 59xxx
1985 Showa 60xxx
1986 Showa 61xxx
1987 Showa 62xxx
1988 Showa 63xxx
1989 Showa 64xxx

Akihito
1989 Heisei 1xxx
1990 Heisei 2xxx
1991 Heisei 3xxx
1992 Heisei 4xxx
1993 Heisei 5xxx
1994 Heisei 6xxx
1995 Heisei 7xxx
1996 Heisei 8xxx
1997 Heisei 9xxx
1998 Heisei 10xxx
1999 Heisei 11xxx
2000 Heisei 12xxx
2001 Heisei 13xxx

2002 Heisei 14xxx
2003 Heisei 15xxx
2004 Heisei 16xxx
2005 Heisei 17xxx
2006 Heisei 18xxx
2007 Heisei 19xxx

Hope this helps

Vy 73´s de Joe

6196. Re: TS 850 SAT Serial number 9xxxxxx, date of built?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-08-09 17:08:49 UTC
From: Clif
Topic: 6191 Message: 6196

Sorry but that doesn't compute.

A quick glance in my records shows 940's with serial numbers starting with 7xxx, 8xxx, 9xxx, 01xx, 00xx. How about the ones starting with 507x, 511x, 512x.

They were made from ~'82-'89.

I didn't look up other models but I'm sure it's the same.

Clif

-- In TS-850_450_690@yahoogroups.com, "df2jp_1" <df2jp@...> wrote:
>
> --- In TS-850_450_690@yahoogroups.com, "Clif" <clif@> wrote:
> >
> > Since the 850 came out in '91, hmmmm wonder if that's a clue???
> >
> > Clif
> >
> > -- In TS-850_450_690@yahoogroups.com, "Joe" <oe3jtb@> wrote:
> > >
> > > Hi
> > > I know serial number - 2 is year of manufation, is it 1987 or
> 1997
> > > tnx for help
> > > Joe
> > >
> >
> >
> Hi all,
>
> it´s very easy, depends on the regency of the japanese emperor
>
>
> Hiroito
> 1980 Showa 55xxx
> 1981 Showa 56xxx
> 1982 Showa 57xxx
> 1983 Showa 58xxx
> 1984 Showa 59xxx
> 1985 Showa 60xxx
> 1986 Showa 61xxx
> 1987 Showa 62xxx
> 1988 Showa 63xxx
> 1989 Showa 64xxx

>
> Akihito
> 1989 Heisei 1xxx
> 1990 Heisei 2xxx
> 1991 Heisei 3xxx
> 1992 Heisei 4xxx
> 1993 Heisei 5xxx
> 1994 Heisei 6xxx
> 1995 Heisei 7xxx
> 1996 Heisei 8xxx
> 1997 Heisei 9xxx
> 1998 Heisei 10xxx
> 1999 Heisei 11xxx
> 2000 Heisei 12xxx
> 2001 Heisei 13xxx
> 2002 Heisei 14xxx
> 2003 Heisei 15xxx
> 2004 Heisei 16xxx
> 2005 Heisei 17xxx
> 2006 Heisei 18xxx
> 2007 Heisei 19xxx
>
> Hope this helps
>
> Vy 73´s de Joe
>

6197. Re: TS 850 SAT Serial number 9xxxxxx, date of built?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-08-09 16:41:31 UTC
From: Joe
Topic: 6191 Message: 6197

Hi Joe
tnx for this fast an competent answer
73
--- In TS-850_450_690@yahoogroups.com, "df2jp_1" <df2jp@...> wrote:
>
> --- In TS-850_450_690@yahoogroups.com, "Clif" <clif@> wrote:
> >
> > Since the 850 came out in '91, hmmmm wonder if that's a clue???
> >
> > Clif
> >
> > -- In TS-850_450_690@yahoogroups.com, "Joe" <oe3jtb@> wrote:
> > >
> > > Hi
> > > I know serial number - 2 is year of manufation, is it 1987 or
> 1997
> > > tnx for help
> > > Joe
> > >
> >
>
> Hi all,
>
> it´s very easy, depends on the regency of the japanese emperor
>
>
> Hiroito
> 1980 Showa 55xxx
> 1981 Showa 56xxx
> 1982 Showa 57xxx
> 1983 Showa 58xxx
> 1984 Showa 59xxx
> 1985 Showa 60xxx
> 1986 Showa 61xxx
> 1987 Showa 62xxx
> 1988 Showa 63xxx
> 1989 Showa 64xxx
>
> Akihito
> 1989 Heisei 1xxx
> 1990 Heisei 2xxx
> 1991 Heisei 3xxx
> 1992 Heisei 4xxx
> 1993 Heisei 5xxx
> 1994 Heisei 6xxx

> 1995 Heisei 7xxx
> 1996 Heisei 8xxx
> 1997 Heisei 9xxx
> 1998 Heisei 10xxx
> 1999 Heisei 11xxx
> 2000 Heisei 12xxx
> 2001 Heisei 13xxx
> 2002 Heisei 14xxx
> 2003 Heisei 15xxx
> 2004 Heisei 16xxx
> 2005 Heisei 17xxx
> 2006 Heisei 18xxx
> 2007 Heisei 19xxx
>
> Hope this helps
>
> Vy 73´s de Joe
>

6198. No output power TS-850 with AT switched on! Solution here.

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-08-11 19:28:46 UTC
From: Joe
Topic: 6198 Message: 6198

Today I repaired an Kenwood TS-850, the second one with the same failure, so I would share this information.

Symptom: TS-850S output power is 100W, power consumption ist ~ 20 A, internal pwr meter shows also ~ 100W.

If you switch on the automatic antenna tuner, after tuning, you will see the same result, but if you look atr an external pwr meter, you will see only 1 w output.

The failure is C1/33pf at the antenna tuner, its burned out.
Its near the relais switch K1.
Put in a new one, and everything is like new :-)

73 JOe

6199. all dots on readout

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-08-11 22:34:10 UTC
From: Rupert Walford
Topic: 6199 Message: 6199

hereis hoping someone can help my ts450 is showing all dots on the frequecy readout any help would be appreciated.
Rupert 6y5rw

[Non-text portions of this message have been removed]

6200. Re: [TS-850_450_690] all dots on readout

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-08-12 00:23:16 UTC
From: johnnygm7lsi@aol.com
Topic: 6199 Message: 6200

Hi Rupert, just push the enter button which is just above the scan button,
Johnny, GM7LSI

In a message dated 11/08/2007 21:55:49 GMT Standard Time,
elvyn@... writes:

hereis hoping someone can help my ts450 is showing all dots on the frequecy
readout any help would be appreciated.
Rupert 6y5rw

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

6201. Re: [TS-850_450_690] all dots on readout

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-08-12 00:26:00 UTC
From: johnnygm7lsi@aol.com
Topic: 6199 Message: 6201

P.S. The button might be differently located on the 450

Hi Rupert, just push the enter button which is just above the scan button,
Johnny, GM7LSI

In a message dated 11/08/2007 21:55:49 GMT Standard Time,
elvyn@... (mailto:elvyn@...) writes:

hereis hoping someone can help my ts450 is showing all dots on the frequecy
readout any help would be appreciated.
Rupert 6y5rw

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

6202. Re: all dots on readout

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-08-12 00:57:49 UTC
From: ve3tmt
Topic: 6199 Message: 6202

--- In TS-850_450_690@yahoogroups.com, johnnygm7lsi@... wrote:
>
>
>
> Hi Rupert, just push the enter button which is just above the scan
button,
> Johnny, GM7LSI

It might also be VCO unlock.

6203. IF-232C? Which Cable Config, from PC to IF-232C Interface Box

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-08-13 10:42:55 UTC
From: Dennis P. Morgan
Topic: 6203 Message: 6203

Hello Group:

As is a typical for communications cables, anyone know, which cable config to use, for the IF-232C, to go from the PC to the IF-232C. 1) Null Modem, 2)Straight-Through, 3) RS-232.

Just recently bought one, and unfortunately it didn't come with a manual. Note: Tried straight-through, it didn't work.

Hope I don't have that signal that isn't low enough to be detected, as low, problem. I read about, in this group.

Thanks, in advance

de Den/k0un

6204. Re: [TS-850_450_690] IF-232C? Which Cable Config, from PC to IF-232C Interface Box

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-08-13 12:04:27 UTC
From: Zack Widup
Topic: 6203 Message: 6204

Hi Den,

If you're using a standard serial port, use RS232.

73, Zack W9SZ

On Mon, 13 Aug 2007, Dennis P. Morgan wrote:

> Hello Group:
>
> As is a typical for communications cables, anyone know, which cable
> config to use, for the IF-232C, to go from the PC to the IF-232C. 1)
> Null Modem, 2)Straight-Through, 3) RS-232.
>
> Just recently bought one, and unfortunately it didn't come with a
> manual. Note: Tried straight-through, it didn't work.
>
> Hope I don't have that signal that isn't low enough to be detected, as
> low, problem. I read about, in this group.
>
> Thanks, in advance
>
> de Den/k0un
>
>

6205. Re: [TS-850_450_690] IF-232C? Which Cable Config, from PC to IF-232C Interface Box

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-08-13 14:09:04 UTC
From: k8isk@comcast.net
Topic: 6203 Message: 6205

You need a straight through cable. In general, a piece of equipment that has a female connector on it is a DCE, data communication device like a modem. A male connector is usually a DTE or data terminal device like a PC or dumb terminal. Unlike interfaces use straight through cables, like devices use cross-over or null modem cables. So if you are connecting a male to a female connector, chances are a straight through cable will work.

Terry

-------------- Original message --------------
From: "Dennis P. Morgan" <k0un_den@...>
Hello Group:

As is a typical for communications cables, anyone know, which cable config to use, for the IF-232C, to go from the PC to the IF-232C. 1) Null Modem, 2)Straight-Through, 3) RS-232.

Just recently bought one, and unfortunately it didn't come with a manual. Note: Tried straight-through, it didn't work.

Hope I don't have that signal that isn't low enough to be detected, as low, problem. I read about, in this group.

Thanks, in advance

de Den/k0un

[Non-text portions of this message have been removed]

6206. Re: [TS-850_450_690] IF-232C? Which Cable Config, from PC to IF-232C Interface Box

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-08-13 15:47:38 UTC
From: Zack Widup
Topic: 6203 Message: 6206

I think in this case "straight through" means TTL-to-TTL levels. He wants to convert the TTL from the 850 to RS232 for his computer, so RS232 would be the setting desired. The serial port on computers doesn't work with TTL levels.

73, Zack W9SZ

On Mon, 13 Aug 2007, k8isk@... wrote:

> You need a straight through cable. In general, a piece of equipment that has a female connector on it is a DCE, data communication device like a modem. A male connector is usually a DTE or data terminal device like a PC or dumb terminal. Unlike interfaces use straight through cables, like devices use cross-over or null modem cables. So if you are connecting a male to a female connector, chances are a straight through cable will work.
>
> Terry
>
>
> ---------- Original message ----------
> From: "Dennis P. Morgan" <k0un_den@...>
> Hello Group:
>
> As is a typical for communications cables, anyone know, which cable
> config to use, for the IF-232C, to go from the PC to the IF-232C. 1)
> Null Modem, 2)Straight-Through, 3) RS-232.
>

6207. Re: [TS-850_450_690] IF-232C? Which Cable Config, from PC to IF-232C Interface Box (CLOSED)

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-08-13 17:07:54 UTC
From: Dennis P. Morgan
Topic: 6207 Message: 6207

Et Al:

EA4KT/DL4EA/Antonio, provided the correct answer. By way of the attached manual, if it doesn't get stripped off. The IF-232C Interface requires a Serial RS-232 Cable. The manual provides schematics, defining pin-outs, for a Serial RS-232 and X-Over (Null Modem Cable). It's an interesting read!! Clears things up.

The local computer shop tried to tell me they (Null & Serial) were the same thing. No wonder (the perpetual confusion)!! The manual makes it perfectly clear, they are NOT. Thank you Antonio!! And all those, who responded.

GREAT GROUP.

Why would the IF-232C purport itself, to be a Radio<>PC interface, if it couldn't handle the signal levels from PC-COM Port<>IF-232C without further adue?

Thanks everyone:

de Den/k0un

----- Original Message ----
From: Zack Widup <w9sz@...>
To: TS-850_450_690@yahoogroups.com
Sent: Monday, August 13, 2007 11:47:38 AM
Subject: Re: [TS-850_450_690] IF-232C? Which Cable Config, from PC to IF-232C Interface Box

I think in this case "straight through" means TTL-to-TTL levels. He wants
to convert the TTL from the 850 to RS232 for his computer, so RS232 would
be the setting desired. The serial port on computers doesn't work with
TTL levels.

73, Zack W9SZ

On Mon, 13 Aug 2007, k8isk@comcast. net wrote:

> You need a straight through cable. In general, a piece of equipment that has a female connector on it is a DCE, data communication device like a modem. A male connector is usually a DTE or data terminal device like a PC or dumb terminal. Unlike interfaces use straight through cables, like devices use cross-over or null modem cables. So if you are connecting a male to a female connector, chances are a straight through cable will work.
>
> Terry
>
>
> ------------ -- Original message ------------ --
> From: "Dennis P. Morgan" <k0un_den@yahoo. com>

> Hello Group:
>
> As is a typical for communications cables, anyone know, which cable
> config to use, for the IF-232C, to go from the PC to the IF-232C. 1)
> Null Modem, 2)Straight-Through, 3) RS-232.
>

[Non-text portions of this message have been removed]

6209. Re: [TS-850_450_690] IF-232C? Which Cable Config, from PC to IF-232C Interface Box

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-08-13 19:14:27 UTC
From: ve3wej gmail
Topic: 6203 Message: 6209

25 pin on the if232c to either 9 pin or 25 pin on your computer serial port

VE3WEJ
Dave Garber
----- Original Message -----
From: Zack Widup
To: TS-850_450_690@yahoogroups.com
Sent: Monday, August 13, 2007 8:04 AM
Subject: Re: [TS-850_450_690] IF-232C? Which Cable Config, from PC to IF-232C Interface Box

Hi Den,

If you're using a standard serial port, use RS232.

73, Zack W9SZ

On Mon, 13 Aug 2007, Dennis P. Morgan wrote:

> Hello Group:
>
> As is a typical for communications cables, anyone know, which cable
> config to use, for the IF-232C, to go from the PC to the IF-232C. 1)
> Null Modem, 2)Straight-Through, 3) RS-232.
>
> Just recently bought one, and unfortunately it didn't come with a
> manual. Note: Tried straight-through, it didn't work.
>
> Hope I don't have that signal that isn't low enough to be detected, as
> low, problem. I read about, in this group.
>
> Thanks, in advance
>
> de Den/k0un
>
>

[Non-text portions of this message have been removed]

6210. Re: [TS-850_450_690] Re: IF-232C? Which Cable Config, from PC to IF-232C Interface Box

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-08-13 22:24:10 UTC
From: Dennis P. Morgan
Topic: 6203 Message: 6210

Max,

This is turning into a nightmare! What does the IF-232C actually do, then? Is it just a box that creates a conversion between DB-25/F to 6-Pin Din/M, to the radio? If it doesn't do the 232 to TTL conversion (what is it good for)? Is it a pig in a poke?

Overall objective: What I am trying to do, is get Ham Radio Deluxe (HRD) to drive a TS-450s/AT, for a blind person (who is my friend). So, that I can control his radio, remotely, (and his PC). To put it, on any frquency, he'd like via the internet. I'd also like to add and sort frequencies, again, remotely, in his TS-450's memory, without having to go out physically and help him. So, you might say we have the "blind, leading the blind" :) No insult intended. I can handle the PC side, no problem. It's the jumping through hoops, for the PC, to Radio Side.

So, in summary, physically, what I need is the 1.) Remote Control Software (Client and Server Side) 2.) PC 3.)HRD Software, 4.) IF-232C Kenwood Box, 5.) RS-232 PC Physical COM Port/M. 6.) 15ft DB-9/F to DB-25/M Serial Cable. 7.) TTL to RS-232 Converter (to stick serially in-line, with the cable) 8.) More patience than I got!! That about sum it up? Oh, BTW, because of the way his shack is layed out, I can't get the PC closer to the Radio (about 12-15ft). Which I am sure, will pose, another problem. An inline Amp, to beef up the data signals? Perhaps:
http://www.232analyzer.com/TTL-RS232-RS485-Serial-Converters/RS232-TTL-Converter.htm

I imagine, by now, I'm testing you alls patience, too. Sorry.

de Den/k0un

----- Original Message ----
From: ve3tmt <ve3tmt@...>
To: TS-850_450_690@yahoogroups.com
Sent: Monday, August 13, 2007 3:00:38 PM
Subject: [TS-850_450_690] Re: IF-232C? Which Cable Config, from PC to IF-232C Interface Box

--- In TS-850_450_690@ yahoogroups. com, "Dennis P. Morgan"
<k0un_den@.. .> wrote:

> Hope I don't have that signal that isn't low enough to be detected, as
> low, problem. I read about, in this group.
> Thanks, in advance
> de Den/k0un

Den,

It really depends on what you are trying to accomplish. If your
intention is to control the radio from the computer, then neither a
null-modem or straight thru cable will work. You need to purchase (!!)

or build an RS232-TTL converter. This will allow the TTL signals from the radio to communicate with the serial port on your computer. There is a very nice little circuit in the files section of this group. I have built 5 or 6 of them now and they all worked the first time. Costs about $30 in new parts, less if you have a good junk box of parts.

Max
VE3TMT

[Non-text portions of this message have been removed]

6211. Re: [TS-850_450_690] Re: IF-232C? Which Cable Config, from PC to IF-232C Interface Box

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-08-13 23:27:30 UTC
From: WW3S
Topic: 6203 Message: 6211

the if 232 is the converter. some radios needed a few chips installed in the radio to make it work, but I believe the 450/850 will work as is. The 440 I think needed a few chips dded, The IF-232 is just much more expensive solutions.

On 8/13/2007 6:24:10 PM, Dennis P. Morgan (k0un_den@...) wrote:

> Max,
>
> This is turning into a nightmare! What does the IF-232C actually do,
> then? Is it just a box that creates a conversion between DB-25/F to 6-Pin
> Din/M, to the radio? If it
> doesn't do the 232 to TTL conversion (what is it good for)? Is it a pig in a poke?
>
> Overall objective: What I am trying to do, is get Ham Radio Deluxe (HRD) to drive a TS-450s/AT, for a blind person (who is my friend). So, that I can control his radio, remotely, (and his PC). To put it, on any frquency, he'd
> like via the internet.
> I'd also like to add and sort frequencies, again, remotely, in his TS-450's
> memory, without having to go out physically and help him. So, you might
> say we have the "blind, leading the blind" :) No insult intended. I can
> handle the PC side, no problem.
> It's the jumping through hoops, for the PC, to Radio Side.
>
> So, in summary, physically, what I need is the 1.) Remote Control Software (Client and Server Side) 2.) PC 3.)HRD Software, 4.) IF-232C Kenwood Box, 5.) RS-232 PC Physical COM Port/M. 6.) 15ft DB-9/F to DB-25/M Serial Cable. 7.) TTL to RS-232 Converter (to stick serially in-line, with the cable) 8.)
More pa

6212. Re: IF-232C? Which Cable Config, from PC to IF-232C Interface Box

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-08-13 23:52:02 UTC
From: Richard Ferch
Topic: 6203 Message: 6212

The IF-232C *is* an RS232-to-TTL converter, so you don't need another one. The RS-232 spec says you can run a cable up to at least 50 feet between devices (i.e. the PC and the IF-232C), so you don't need any inline amplification. If the PC doesn't have a serial port, a standard consumer-type USB-to-serial converter will do just fine for radio control.

The local connection is: PC running HRD (or other radio control software), using either a serial port or a USB-to-serial adapter, connected via a straight RS232 cable to the IF-232C, connected in turn to the radio.

The one configuration item you will probably need to watch out for in the radio control software is to set the RTS signal on the serial port to "Always on"; if RTS is off the radio will not talk to the computer, although it will receive commands (i.e. you will have no way of knowing whether the commands you sent were received and acted on). The other configuration settings are 4800, N, 8, 2 (I think - I'm not at home where I could check this out).

73,
Rich VE3KI/4

--- In TS-850_450_690@yahoogroups.com, "Dennis P. Morgan" <k0un_den@...> wrote:
>
> Max,
>
> This is turning into a nightmare! What does the IF-232C actually do, then? Is it just a box that creates a conversion between DB-25/F to 6-Pin Din/M, to the radio? If it doesn't do the 232 to TTL conversion (what is it good for)? Is it a pig in a poke?
>
> Overall objective: What I am trying to do, is get Ham Radio Deluxe (HRD) to drive a TS-450s/AT, for a blind person (who is my friend). So, that I can control his radio, remotely, (and his PC). To put it, on any frquency, he'd like via the internet. I'd also like to add and sort frequencies, again, remotely, in his TS-450's memory, without having to go out physically and help him. So, you might say we have the "blind, leading the blind" :) No insult intended. I can handle the PC side, no problem. It's the jumping through hoops, for the PC, to Radio Side.
>
> So, in summary, physically, what I need is the 1.) Remote Control Software (Client and Server Side) 2.) PC 3.)HRD Software, 4.) IF-232C Kenwood Box, 5.) RS-232 PC Physical COM Port/M. 6.) 15ft DB-

9/F to DB-25/M Serial Cable. 7.) TTL to RS-232 Converter (to stick serially in-line, with the cable) 8.) More patience than I got!! That about sum it up? Oh, BTW, because of the way his shack is layed out, I can't get the PC closer to the Radio (about 12-15ft). Which I am sure, will pose, another problem. An inline Amp, to beef up the data signals? Perhaps: http://www.232analyzer.com/TTL-RS232-RS485-Serial-Converters/RS232-TTL-Converter.htm

> I imagine, by now, I'm testing you alls patience, too. Sorry.
>
> de Den/k0un
>
>
> ----- Original Message ----
> From: ve3tmt <ve3tmt@...>
> To: TS-850_450_690@yahoogroups.com
> Sent: Monday, August 13, 2007 3:00:38 PM
> Subject: [TS-850_450_690] Re: IF-232C? Which Cable Config, from PC to IF-232C Interface Box
>
> --- In TS-850_450_690@ yahoogroups. com, "Dennis P. Morgan"
> <k0un_den@ .> wrote:
>
> > Hope I don't have that signal that isn't low enough to be detected, as
> > low, problem. I read about, in this group.
> > Thanks, in advance
> > de Den/k0un
>
> Den,
>
> It really depends on what you are trying to accomplish. If your
> intention is to control the radio from the computer, then neither a
> null-modem or straight thru cable will work. You need to purchase (!!)
> or build an RS232-TTL converter. This will allow the TTL signals from
> the radio to communicate with the serial port on your computer. There
> is a very nice little circuit in the files section of this group. I
> have built 5 or 6 of them now and they all worked the first time.
> Costs about $30 in new parts, less if you have a good junk box of parts.
>
> Max
> VE3TMT
>
>
>
>

> [Non-text portions of this message have been removed]
>

6213. Re: IF-232C? Which Cable Config, from PC to IF-232C Interface Box

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-08-14 00:56:02 UTC
From: ve3tmt
Topic: 6203 Message: 6213

--- In TS-850_450_690@yahoogroups.com, "Richard Ferch" <ve3iay@...> wrote:

The one configuration item you will probably need to watch out for in the radio control software is to set the RTS signal on the serial port to "Always on"; if RTS is off the radio will not talk to the computer, although it will receive commands (i.e. you will have no way of knowing whether the commands you sent were received and acted on).

Correct Richard, if you want the program to show the readout, the RTS line must be set to always on. If you are using the PC for PTT keying, then you can set it for PTT. In order for the logging feature in MixW to work I use COM1 for frequency control and set RTS to "always on". I use a homebrew PTT, FSK and CW keying circuit from COM2 and these control the appropriate keying functions.

Max
VE3TMT

6214. RE: [TS-850_450_690] Re: IF-232C? Which Cable Config, from PC to IF-232C Interface Box

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-08-14 02:12:03 UTC
From: Terry Price
Topic: 6203 Message: 6214

Den,

You stated in the original post you had a IF232 unit. This IF232 unit does two things, it converts TTL (0 to 5 volts) to EIA/TIA RS-232 which is anywhere from -15v to +15 volts. It also converts the DIN plug to a DB25F connector. All you need is a straight through DB25M to DB9F (no more than 200 feet @ 4800 baud) cable to go between your PC and the IF232 box. Set your software for 4800,n,8,1. If there is a setting in your software for "handshaking", i.e. Xon/Xoff, RTS/CTS, also known as hardware handshaking or none, set it to none. It is no more complicated than that. I own 9, TS850's and have numerous IF232's that I used for years until I went to USB adapters. If this doesn't work, it can only be one of three things, the radio, the IF232 box or the computer, THAT'S IT.

73,

Terry

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com] On Behalf Of Dennis P. Morgan
Sent: Monday, August 13, 2007 6:24 PM
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] Re: IF-232C? Which Cable Config, from PC to IF-232C Interface Box

Max,

This is turning into a nightmare! What does the IF-232C actually do, then? Is it just a box that creates a conversion between DB-25/F to 6-Pin Din/M, to the radio? If it doesn't do the 232 to TTL conversion (what is it good for)? Is it a pig in a poke?

Overall objective: What I am trying to do, is get Ham Radio Deluxe (HRD) to drive a TS-450s/AT, for a blind person (who is my friend). So, that I can control his radio, remotely, (and his PC). To put it, on any frquency, he'd like via the internet. I'd also like to add and sort frequencies, again, remotely, in his TS-450's memory, without having to go out physically and help him. So, you might say we have the "blind, leading the blind" :) No insult intended. I can handle the PC side, no problem. It's the jumping through hoops, for the PC, to Radio Side.

So, in summary, physically, what I need is the 1.) Remote Control Software (Client and Server Side) 2.) PC 3.)HRD Software, 4.) IF-232C Kenwood Box, 5.) RS-232 PC Physical COM Port/M. 6.) 15ft DB-9/F to DB-25/M Serial Cable. 7.) TTL to RS-232 Converter (to stick serially in-line, with the cable) 8.) More patience than I got!! That about sum it up? Oh, BTW, because of the way

his shack is layed out, I can't get the PC closer to the Radio (about
12-15ft). Which I am sure, will pose, another problem. An inline Amp, to
beef up the data signals? Perhaps: http://www.232analy
<http://www.232analyzer.com/TTL-RS232-RS485-Serial-Converters/RS232-TTL-Conv
erter.htm> zer.com/TTL-RS232-RS485-Serial-Converters/RS232-TTL-Converter.htm

I imagine, by now, I'm testing you alls patience, too. Sorry.

de Den/k0un

----- Original Message ----
From: ve3tmt <ve3tmt@yahoo. <mailto:ve3tmt%40yahoo.ca> ca>
To: TS-850_450_690@ <mailto:TS-850_450_690%40yahoogroups.com>
yahoogroups.com
Sent: Monday, August 13, 2007 3:00:38 PM
Subject: [TS-850_450_690] Re: IF-232C? Which Cable Config, from PC to
IF-232C Interface Box

--- In TS-850_450_690@ yahoogroups. com, "Dennis P. Morgan"
<k0un_den@.. .> wrote:

> Hope I don't have that signal that isn't low enough to be detected, as
> low, problem. I read about, in this group.
> Thanks, in advance
> de Den/k0un

Den,

It really depends on what you are trying to accomplish. If your
intention is to control the radio from the computer, then neither a
null-modem or straight thru cable will work. You need to purchase (!!)
or build an RS232-TTL converter. This will allow the TTL signals from
the radio to communicate with the serial port on your computer. There
is a very nice little circuit in the files section of this group. I
have built 5 or 6 of them now and they all worked the first time.
Costs about $30 in new parts, less if you have a good junk box of parts.

Max
VE3TMT

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

6215. DSP2 output level

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-08-22 14:27:32 UTC
From: Ivan
Topic: 6215 Message: 6215

Hi all

Does any of you know what is the output level at DSP2 rca connector?

I know the frequency is 36.891 kHz but I want to know the voltage value of this signal to experiment with it, it's the 4th IF.

If anyone could meassure with an oscilloscope, press AIP+XIT+SCAN while power on the radio to get output in DSP2, then tune a busy frequency and meassure.

I suspect the value is around 100mVpp but I am not sure.

73 de EA1GHE. TS-450S owner.

6216. Re: DSP2 output level

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-08-22 16:08:14 UTC
From: Clif
Topic: 6215 Message: 6216

Straight into the scope with a patch cord.
No signal 2.4mv P-P
S9 Signal 3.6mv P-P

Clif

-- In TS-850_450_690@yahoogroups.com, "Ivan" <dxivan@...> wrote:
>
> Hi all
>
> Does any of you know what is the output level at DSP2 rca connector?
>
> I know the frequency is 36.891 kHz but I want to know the voltage
> value of this signal to experiment with it, it's the 4th IF.
>
> If anyone could meassure with an oscilloscope, press AIP+XIT+SCAN
> while power on the radio to get output in DSP2, then tune a busy
> frequency and meassure.
>
> I suspect the value is around 100mVpp but I am not sure.
>
> 73 de EA1GHE. TS-450S owner.
>

6217. Re: DSP2 output level

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-08-22 21:39:18 UTC
From: Ivan
Topic: 6215 Message: 6217

Thanks a lot Clif!!. I am working in a 36.981->12khz mixer to receive
DRM via computer's souncard.

Greetings from Spain, EA1GHE Ivan.

6218. Repairs for Ts 850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-08-23 20:36:10 UTC
From: rickyknx
Topic: 6218 Message: 6218

I live in south east Texas and am looking for a repair shop for my ts 850. Does anyond know of anyone or any place that does repairs on amateur equipment in this area or within a 100-120 mile radius? Also any comments on any repair shops will be appreciated.

Rick
N5SRG

6219. Re: Repairs for Ts 850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-08-23 21:20:11 UTC
From: Clif
Topic: 6218 Message: 6219

Me

Clif
www.avvid.com

--- In TS-850_450_690@yahoogroups.com, "rickyknx" <rknox911@...> wrote:
>
> I live in south east Texas and am looking for a repair shop for my ts
> 850. Does anyond know of anyone or any place that does repairs on
> amateur equipment in this area or within a 100-120 mile radius? Also
> any comments on any repair shops will be appreciated.
>
> Rick
> N5SRG
>

6220. Re: Repairs for Ts 850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-08-23 21:43:00 UTC
From: Ron
Topic: 6218 Message: 6220

I highly recommend Clif. Check out his reviews (company name is AVVid) under Amateur Radio Equipment Repair on www.eHam.net.

73

Ron - AG1P

--- In TS-850_450_690@yahoogroups.com, "Clif" <clif@...> wrote:
>
> Me
>
> Clif
> www.avvid.com
>
>
> --- In TS-850_450_690@yahoogroups.com, "rickyknx" <rknox911@>
wrote:
> >
> > I live in south east Texas and am looking for a repair shop for
my ts
> > 850. Does anyond know of anyone or any place that does repairs
on
> > amateur equipment in this area or within a 100-120 mile radius?
Also
> > any comments on any repair shops will be appreciated.
> >
> > Rick
> > N5SRG
> >
>

6221. Re: [TS-850_450_690] Re: Repairs for Ts 850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-08-23 22:02:50 UTC
From: crownhaven
Topic: 6218 Message: 6221

I have used Clif several times. Work was perfect. Also, he freely
gives of his time on this reflector to those of us experienced enough to
effect our own repairs. (not me)

You won't go wrong.

Steve, N4JQQ

Clif wrote:

> Me
>
> Clif
> www.avvid.com
>
> --- In TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>, "rickyknx" <rknox911@...>
> wrote:
> >
> > I live in south east Texas and am looking for a repair shop for my ts
> > 850. Does anyond know of anyone or any place that does repairs on
> > amateur equipment in this area or within a 100-120 mile radius? Also
> > any comments on any repair shops will be appreciated.
> >
> > Rick
> > N5SRG
> >
>
>

6222. TS450/690 Knob Set for sale

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-08-24 03:53:14 UTC
From: ve3tmt
Topic: 6222 Message: 6222

Complete knob set including VFO knob, all in excellent condition.
Asking $40 or trade for ??

Thanks,

Max, VE3TMT

6223. TS850 CW issue

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-08-24 20:11:13 UTC
From: Ken Bessler
Topic: 6223 Message: 6223

I have noticed a "tick" at the end of a transmitted CW message. The tick only happens when the 8.83mhz 400hz or 270hz cw filters are in use. I've tried unplugging my mic, my sound card interface and none of that helped.

The tick can be avoided if I use the send/recv button instead of the vox setup but the tick also happens when I switch off the send button.

The only thing I've changed recently (that I haven't disconnected trying to hunt down this glitch) is I added an Inrad #22 270hz 8.83mhz I.F. cw filter yesterday.

One more thing - I can eliminate the tick if I switch the TX bandwidth to a wider filter, say 3kc or 6kc.

Help?

73's de Ken KG0WX - Kadiddlehopper #11808,
Flying Pigs #-1055, Grid EM17io

Tease your brain--play Clink! Win cool prizes!
http://club.live.com/clink.aspx?icid=clink_hotmailtextlink2

6224. Re: [TS-850_450_690] TS850 CW issue

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-08-25 13:01:31 UTC
From: ve3wej gmail
Topic: 6223 Message: 6224

IS the tick being transmitted as well??

or is this just in your monitor audio??

VE3WEJ
Dave Garber
----- Original Message -----
From: Ken Bessler
To: TS-850_450_690@yahoogroups.com
Sent: Friday, August 24, 2007 4:11 PM
Subject: [TS-850_450_690] TS850 CW issue

I have noticed a "tick" at the end of a transmitted CW message. The tick only happens when the 8.83mhz 400hz or 270hz cw filters are in use. I've tried unplugging my mic, my sound card interface and none of that helped.

The tick can be avoided if I use the send/recv button instead of the vox setup but the tick also happens when I switch off the send button.

The only thing I've changed recently (that I haven't disconnected trying to hunt down this glitch) is I added an Inrad #22 270hz 8.83mhz I.F. cw filter yesterday.

One more thing - I can eliminate the tick if I switch the TX bandwidth to a wider filter, say 3kc or 6kc.

Help?

73's de Ken KG0WX - Kadiddlehopper #11808,
Flying Pigs #-1055, Grid EM17io

_____
Tease your brain--play Clink! Win cool prizes!
http://club.live.com/clink.aspx?icid=clink_hotmailtextlink2

[Non-text portions of this message have been removed]

6225. Re: [TS-850_450_690] TS850 CW issue

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-08-25 13:32:44 UTC
From: Ken Bessler
Topic: 6223 Message: 6225

>From: "ve3wej gmail" <ve3wej@...>
>Reply-To: TS-850_450_690@yahoogroups.com
>To: <TS-850_450_690@yahoogroups.com>
>Subject: Re: [TS-850_450_690] TS850 CW issue
>Date: Sat, 25 Aug 2007 09:01:31 -0400
>
>IS the tick being transmitted as well??
>
>or is this just in your monitor audio??
>
>
>VE3WEJ
>Dave Garber

Well, I got on my 10m yagi and pointed it at another yagi
1 mile away. The rec station turned up his volume and I
sent several dits. He heard nothing so I must assume that
it's a receiver artifact.

Ken

73's de Ken KG0WX - Kadiddlehopper #11808,
Flying Pigs #-1055, Grid EM17io

_____
See what you?re getting into?before you go there
http://newlivehotmail.com/?ocid=TXT_TAGHM_migration_HM_viral_preview_0507

6226. Re: [TS-850_450_690] TS850 CW issue

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-08-25 14:56:33 UTC
From: ve3wej gmail
Topic: 6223 Message: 6226

Are you actually transmitting???

You may be listening to a sidetone, but if the VOX is not turned on, your
radio will not go into transmit...

Are you seeing the xmit light coming on, is there a swr/wattmeter in line???

HIM not hearing YOU would be HIS receive having a problem, not yours...

VE3WEJ
Dave Garber
----- Original Message -----
From: "Ken Bessler" <kg0wx@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Saturday, August 25, 2007 9:32 AM
Subject: Re: [TS-850_450_690] TS850 CW issue

> >From: "ve3wej gmail" <ve3wej@...>
>>Reply-To: TS-850_450_690@yahoogroups.com
>>To: <TS-850_450_690@yahoogroups.com>
>>Subject: Re: [TS-850_450_690] TS850 CW issue
>>Date: Sat, 25 Aug 2007 09:01:31 -0400
>>
>>IS the tick being transmitted as well??
>>
>>or is this just in your monitor audio??
>>
>>
>>VE3WEJ
>>Dave Garber
>
> Well, I got on my 10m yagi and pointed it at another yagi
> 1 mile away. The rec station turned up his volume and I
> sent several dits. He heard nothing so I must assume that
> it's a receiver artifact.
>
> Ken
>
> 73's de Ken KG0WX - Kadiddlehopper #11808,
> Flying Pigs #-1055, Grid EM17io
>
> _____
> See what you're getting into.before you go there
> http://newlivehotmail.com/?ocid=TXT_TAGHM_migration_HM_viral_preview_0507
>
>

>
> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
>
>
>

6227. Re: [TS-850_450_690] TS850 CW issue

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-08-25 15:06:46 UTC
From: Ken Bessler
Topic: 6223 Message: 6227

Sorry - I should have said "he heard nothing BUT my dits and dahs".
I just tried a wattmeter inline, set to it's lowest setting and the
click does not appear to be transmitted.

73's de Ken KG0WX - Kadiddlehopper #11808,
Flying Pigs #-1055, Grid EM17io

_____
Booking a flight? Know when to buy with airfare predictions on MSN Travel.
http://travel.msn.com/Articles/aboutfarecast.aspx&ocid=T001MSN25A07001

6228. Re: [TS-850_450_690] TS850 CW issue

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-08-25 16:01:15 UTC
From: ve3wej gmail
Topic: 6223 Message: 6228

and what happens when you remove the new filter.... does the "tick" go away??

I still think it is your filter settings, although I do NOT remember the sidetone being able to be filtered???

VE3WEJ
Dave Garber
----- Original Message -----
From: Ken Bessler
To: TS-850_450_690@yahoogroups.com
Sent: Saturday, August 25, 2007 11:06 AM
Subject: Re: [TS-850_450_690] TS850 CW issue

Sorry - I should have said "he heard nothing BUT my dits and dahs".
I just tried a wattmeter inline, set to it's lowest setting and the
click does not appear to be transmitted.

73's de Ken KG0WX - Kadiddlehopper #11808,
Flying Pigs #-1055, Grid EM17io

_____
Booking a flight? Know when to buy with airfare predictions on MSN Travel.
http://travel.msn.com/Articles/aboutfarecast.aspx&ocid=T001MSN25A07001

[Non-text portions of this message have been removed]

6229. Re: [TS-850_450_690] TS850 CW issue

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-08-25 17:36:54 UTC
From: Ken Bessler
Topic: 6223 Message: 6229

>From: "ve3wej gmail" <ve3wej@...>
>Reply-To: TS-850_450_690@yahoogroups.com
>To: <TS-850_450_690@yahoogroups.com>
>Subject: Re: [TS-850_450_690] TS850 CW issue
>Date: Sat, 25 Aug 2007 12:01:15 -0400
>
>and what happens when you remove the new filter.... does the "tick" go
>away??
>
>I still think it is your filter settings, although I do NOT remember the
>sidetone being able to be filtered???
>
>VE3WEJ
>Dave Garber

Yes, it does go away after unplugging both 400 and 250hz (8.83 if) filters.
I also noticed
the tick when (in CW mode only) I turn off the send button after turning it
on. No key
action - just tapping the send button on then off. When I do that, the tick
happens
exactly when I switch to recv as opposed to the delay when using vox.

Wierd, eh?

Ken KG0WX

_____
Tease your brain--play Clink! Win cool prizes!
http://club.live.com/clink.aspx?icid=clink_hotmailtextlink2

6230. Re: [TS-850_450_690] TS850 CW issue

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-08-25 20:34:50 UTC
From: ve3wej gmail
Topic: 6223 Message: 6230

sounds like it is only local to you. I dont think it is anything to worry about.

VE3WEJ
Dave Garber
----- Original Message -----
From: Ken Bessler
To: TS-850_450_690@yahoogroups.com
Sent: Saturday, August 25, 2007 1:36 PM
Subject: Re: [TS-850_450_690] TS850 CW issue

>From: "ve3wej gmail" <ve3wej@...>
>Reply-To: TS-850_450_690@yahoogroups.com
>To: <TS-850_450_690@yahoogroups.com>
>Subject: Re: [TS-850_450_690] TS850 CW issue
>Date: Sat, 25 Aug 2007 12:01:15 -0400
>
>and what happens when you remove the new filter.... does the "tick" go
>away??
>
>I still think it is your filter settings, although I do NOT remember the
>sidetone being able to be filtered???
>
>VE3WEJ
>Dave Garber

Yes, it does go away after unplugging both 400 and 250hz (8.83 if) filters.
I also noticed
the tick when (in CW mode only) I turn off the send button after turning it
on. No key
action - just tapping the send button on then off. When I do that, the tick
happens
exactly when I switch to recv as opposed to the delay when using vox.

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Ken KG0WX

_____
Tease your brain--play Clink! Win cool prizes!
http://club.live.com/clink.aspx?icid=clink_hotmailtextlink2

[Non-text portions of this message have been removed]

6231. Add DSP Demodulators to your Kenwood for $12!

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-08-26 09:27:09 UTC
From: Rob Frohne
Topic: 6231 Message: 6231

Hi,

Assuming you have a PC with a sound card in your shack already, you can add the DSP demodulators that are used in the FlexRadio's to your Kenwood for around $12. Have a look at http://www.wu2x.com/sdr.html if you are into Windows. I am more inclined to Linux, so I did it this way. http://www.wwc.edu/frohro/SDR/SDR-Shell/ The results are really quite nice. I really like the synchronous AM detector, the automatic notch filter and the spectral display.

73,

Rob, KL7NA
--
Rob Frohne, Ph.D., P.E., Professor
E.F. Cross School of Engineering
Walla Walla College
100 SW 4th St.
College Place, WA 99324
(509) 527-2075
http://www.wwc.edu/~frohro/

6232. TS-850S/ Dead TX (1-2w out) or...?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-08-26 12:54:57 UTC
From: Samir Popaja
Topic: 6232 Message: 6232

Hello,
Thank you for reading this.

I have the TS850 which is dead in TX, the power output is about 1-2 watts in all bands and modes, the power supply meter says 7 Ampers at 13.8V volts. No ALC at all. RX is OK.

Has someone experienced the same problem? Any help? Is possible that power amplifiers transistors are dead? How to check? Any idea for begin the troubleshoting.

Thanks
Samir, SM7VZX

[Non-text portions of this message have been removed]

6233. Re: TS-850S/ Dead TX (1-2w out) or...?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-08-27 20:28:23 UTC
From: Joe
Topic: 6232 Message: 6233

Hi is it with tuner switched on only?
73 Joe

--- In TS-850_450_690@yahoogroups.com, Samir Popaja <samir.popaja@...>
wrote:
>
> Hello,
> Thank you for reading this.
>
> I have the TS850 which is dead in TX, the power output is about 1-2
> watts in all bands and modes, the power supply meter says 7 Ampers at
> 13.8V volts. No ALC at all. RX is OK.
>
> Has someone experienced the same problem? Any help? Is possible that
> power amplifiers transistors are dead? How to check? Any idea for
> begin the troubleshoting.
>
>
> Thanks
> Samir, SM7VZX
>
>
> [Non-text portions of this message have been removed]
>

6234. MOLEX power plug

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-08-27 20:44:20 UTC
From: Joe
Topic: 6234 Message: 6234

Hi

does anyone know the MOLEX number for the female power plug?
tnx 73 Joe

6235. Re: MOLEX power plug

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-08-27 21:04:27 UTC
From: Clif
Topic: 6234 Message: 6235

There isn't one. The molex plug while similiar will not fit properly.

Clif

--- In TS-850_450_690@yahoogroups.com, "Joe" <oe3jtb@...> wrote:
>
> Hi
>
> does anyone know the MOLEX number for the female power plug?
> tnx 73 Joe
>

6236. Add DSP Demodulators to your Kenwood for $12!

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-08-28 04:13:49 UTC
From: Anthony W. DePrato
Topic: 6231 Message: 6236

At 05:27 AM 8/26/2007, you wrote:
>Hi,
>
>Assuming you have a PC with a sound card in your shack already, you can
>add the DSP demodulators that are used in the FlexRadio's to your
>Kenwood for around $12.
>73,
>
>Rob, KL7NA
>SNIP

Rob
i see you are using the ts940 just wondering if the ts 950ds and ts
850sat's will work also.
73 Tony wa4jqs

6237. Re: [TS-850_450_690] Add DSP Demodulators to your Kenwood for $12!

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-08-28 10:31:16 UTC
From: Rob Frohne
Topic: 6231 Message: 6237

Hi Tony,

Actually, the first link is to WU2X's site, and he is using a TS-940 and windows software. I'm the one using Linux software and a TS-850S, but I suspect that any Kenwood rig that is supported in Ham Radio Deluxe will work with his software.

73,

Rob, KL7NA

On Tue, 2007-08-28 at 00:13 -0400, Anthony W. DePrato wrote:
> At 05:27 AM 8/26/2007, you wrote:
> >Hi,
> >
> >Assuming you have a PC with a sound card in your shack already, you
> can
> >add the DSP demodulators that are used in the FlexRadio's to your
> >Kenwood for around $12.
> >73,
> >
> >Rob, KL7NA
> >SNIP
>
> Rob
> i see you are using the ts940 just wondering if the ts 950ds and ts
> 850sat's will work also.
> 73 Tony wa4jqs
>
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>
>
--
Rob Frohne, Ph.D., P.E., Professor
E.F. Cross School of Engineering
Walla Walla College
100 SW 4th St.
College Place, WA 99324
(509) 527-2075
http://www.wwc.edu/~frohro/

6239. SV: [TS-850_450_690] Re: TS-850S/ Dead TX (1-2w out) or...?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-08-28 06:43:43 UTC
From: Samir Popaja
Topic: 6239 Message: 6239

IT'S THE SAME WITH OR WITHOUT TUNER.

-----Ursprungligt meddelande-----
Från: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@...m] För Joe
Skickat: den 27 augusti 2007 22:28
Till: TS-850_450_690@yahoogroups.com
Ämne: [TS-850_450_690] Re: TS-850S/ Dead TX (1-2w out) or...?

Hi is it with tuner switched on only?
73 Joe

--- In HYPERLINK
"mailto:TS-850_450_690%40yahoogroups.com"TS-850_450_690@-yahoogroups.-com, Samir Popaja
<samir.popaja@-...>
wrote:
>
> Hello,
> Thank you for reading this.
>
> I have the TS850 which is dead in TX, the power output is about 1-2
> watts in all bands and modes, the power supply meter says 7 Ampers at
> 13.8V volts. No ALC at all. RX is OK.
>
> Has someone experienced the same problem? Any help? Is possible that
> power amplifiers transistors are dead? How to check? Any idea for
> begin the troubleshoting.
>
>
> Thanks
> Samir, SM7VZX
>
>
> [Non-text portions of this message have been removed]
>

No virus found in this incoming message.
Checked by AVG Free Edition.
Version: 7.5.484 / Virus Database: 269.12.10/976 - Release Date: 2007-08-27 18:20

No virus found in this outgoing message.
Checked by AVG Free Edition.
Version: 7.5.484 / Virus Database: 269.12.10/976 - Release Date: 2007-08-27 18:20

[Non-text portions of this message have been removed]

6240. Re: [TS-850_450_690] Re: Add DSP Demodulators to your Kenwood for $12!

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-08-28 12:49:22 UTC
From: Rob Frohne
Topic: 6231 Message: 6240

Hi Max,

You might want to consider the possibility of using the 455 KHz IF like
I did. It gives you the 455 KHz filters to use as well if you wish.
The down side is you have to go inside the rig to connect to that IF.
The 8.83 MHz IF has a jack on the back.

73,

Rob, KL7NA

On Tue, 2007-08-28 at 12:30 +0000, ve3tmt wrote:
> --- In TS-850_450_690@yahoogroups.com, Rob Frohne <frohro@...> wrote:
>
> Hi Tony,
> Actually, the first link is to WU2X's site, and he is using a TS-940
> and windows software. I'm the one using Linux software and a TS-850S,
> but I suspect that any Kenwood rig that is supported in Ham Radio
> Deluxe will work with his software.
>
> 73,
> Rob, KL7NA
>
> I have ordered my Softrock Lite kit for the 850 and will update the
> group as I progress. My first attempt at SMT construction. I am using
> Windows XP Pro OS. From what Tony has told me, the kit supplied has an
> IF range that covers the TS850's 8.830 IF output. You plug the IF out
> on the 850 into the antenna input on the SR Lie and then make the
> connection to your soundcard. This allows you to use programs lite
> Rocky, Power SDR and others to take advantage of the SDR technology as
> found in the Flex Radios. I am interested in DSP functions for digital
> mode work.
>
> Max, VE3TMT
>
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--
Rob Frohne, Ph.D., P.E., Professor
E.F. Cross School of Engineering
Walla Walla College
100 SW 4th St.
College Place, WA 99324

(509) 527-2075
http://www.wwc.edu/~frohro/

6241. Re: Add DSP Demodulators to your Kenwood for $12!

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-08-28 13:46:56 UTC
From: ve3tmt
Topic: 6231 Message: 6241

--- In TS-850_450_690@yahoogroups.com, Rob Frohne <frohro@...> wrote:
>
> Hi Max,
>
> You might want to consider the possibility of using the 455 KHz IF like
> I did. It gives you the 455 KHz filters to use as well if you wish.
> The down side is you have to go inside the rig to connect to that IF.
> The 8.83 MHz IF has a jack on the back.
>
> 73,
>
> Rob, KL7NA

I thought of that Rob, as I have a 500 hz CW filter in the 455 IF. But using the Power SDR software, the IF bandwidth is adjustable so I will try that route first. I saw the mod you did to the 850. I am no stranger to these radios having performed many mods on mine in the past. I'll let you know how the 8.83 IF turns out.

73,

Max, VE3TMT

6242. RE: [TS-850_450_690] Re: Add DSP Demodulators to your Kenwood for $12!

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-08-28 13:53:20 UTC
From: Gutierrez, Antonio
Topic: 6231 Message: 6242

Hello All,

Please does somebody knows how to order the SoftRock Lite Lit @ 8.817 MHz?

Thank you
Kind regards
Antonio EA4KT

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com] On Behalf Of ve3tmt
Sent: Tuesday, August 28, 2007 3:47 PM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] Re: Add DSP Demodulators to your Kenwood for $12!

--- In TS-850_450_690@yahoogroups.com<mailto:TS-850_450_690%40yahoogroups.com>, Rob Frohne <frohro@...> wrote:
>
> Hi Max,
>
> You might want to consider the possibility of using the 455 KHz IF like
> I did. It gives you the 455 KHz filters to use as well if you wish.
> The down side is you have to go inside the rig to connect to that IF.
> The 8.83 MHz IF has a jack on the back.
>
> 73,
>
> Rob, KL7NA

I thought of that Rob, as I have a 500 hz CW filter in the 455 IF. But using the Power SDR software, the IF bandwidth is adjustable so I will try that route first. I saw the mod you did to the 850. I am no stranger to these radios having performed many mods on mine in the past. I'll let you know how the 8.83 IF turns out.

73,

Max, VE3TMT

[Non-text portions of this message have been removed]

6243. FS: Buxcomm Rascal for Kenwoods

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-08-28 15:03:03 UTC
From: John Geiger
Topic: 6243 Message: 6243

I have for sale a Buxcomm Rascal interface for Kenwood radios using the 13 Pin ACC jack like the TS850/450/690/570 and others. It is in like new condition with the CD containing the different digital mode programs. This is the model that uses a serial port on your computer. It sells new for $55 shipped, I am asking $36 shipped in the US.

73s John AA5JG
(ex: W5TD, NE0P)
6M WAS #1275, 6m VUCC #1260
2m VUCC #615, Satellite VUCC #129

6244. Re: Add DSP Demodulators to your Kenwood for $12!

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-08-28 15:23:12 UTC
From: ve3tmt
Topic: 6231 Message: 6244

--- In TS-850_450_690@yahoogroups.com, "Gutierrez, Antonio"
<antonio.gutierrez@...> wrote:
>
> Hello All,
>
> Please does somebody knows how to order the SoftRock Lite Lit @
8.817 MHz?
>
> Thank you
> Kind regards
> Antonio EA4KT

Send an e-mail to Tony at raparks@...

Tell him you want the kit for the 850.

Max, VE3TMT

6245. FS: Power supplies and antenna tuner for Kenwoods

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-08-28 15:52:41 UTC
From: John AA5JG
Topic: 6245 Message: 6245

I have a few extra items for sale, which will work great with any FT450/690/850 setup. Here is what I have:

1. Radio Shack 20 amp switching PS, with terminals on the back, asking $50

2. Workman 28 amp switching PS, with terminals on the front, low current spring terminals on the back, and a cigarette lighter jack on the front. Asking $65.

3. MFJ 949E antenna tuner in very nice condition. It is about 1 year old, has a built in dummy load, watt meter, SWR meter, and antenna switch. It will switch between 2 coax antennas, 1 single wire or twin lead antenna, and the dummy load. Sells new for $160, I am asking $75.

Prices do not include shipping from zip 73507. I can take paypal/check/cash/mo.

73s John AA5JG

6246. Add DSP Demodulators to your Kenwood

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-08-28 18:25:25 UTC
From: Anthony W. DePrato WA4JQS
Topic: 6231 Message: 6246

>Thanks Rob:

i have used HRD and it is great use it with my 870 and my 570. just
wanted to add DSP to my 850 and 950 so ill give it a try as both are
supported by HRD. have a copy of Red Hat and a couple old computers
been thinking about putting at OS on one of them and playing with it.
where do u get the kit shown on the W2 website ?
have a great weekend
73 Tony

Anthony W. DePrato WA4JQS
QCWA # 23602 10X # 3621
A1-OP FISTS # 10573 VBA # 55 AMI # 1274
NCDXF # 1036 RNARS # 1309 SKCC # 1227
DXCC PHONE DXCC RTTY DXCC CW
Lis. 1962 Calls Held
VP8BZL VP8SSI 3Y0PI V31SS ZD8JQS
WA4JQS/ZS1 WA4JQS/4K1 WA4JQS/KC4

6247. Re: Add DSP Demodulators to your Kenwood

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-08-28 19:01:47 UTC
From: ve3tmt
Topic: 6231 Message: 6247

--- In TS-850_450_690@yahoogroups.com, "Anthony W. DePrato WA4JQS" <wa4jqs@...> wrote:
>
>
> >Thanks Rob:
>
> i have used HRD and it is great use it with my 870 and my 570. just
> wanted to add DSP to my 850 and 950 so ill give it a try as both are
> supported by HRD. have a copy of Red Hat and a couple old computers
> been thinking about putting at OS on one of them and playing with it.
> where do u get the kit shown on the W2 website ?
> have a great weekend
> 73 Tony
>

http://www.softrockradio.org/node/1

6248. Re: Add DSP Demodulators to your Kenwood

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-08-28 20:56:18 UTC
From: ve3tmt
Topic: 6231 Message: 6248

For those of you interested in the DSP demodulator kit for the TS850,
here is the link for the receiver construction with pictures of the kit.

http://www.cliftonlaboratories.com/softrock_lite_6_2.htm#Introduction

Max, VE3TMT

6249. Re: [TS-850_450_690] Re: Add DSP Demodulators to your Kenwood for $12!

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-08-28 14:03:54 UTC
From: Rob Frohne
Topic: 6231 Message: 6249

Yes, Max, I'm interested to hear how it works for you. I didn't want to drill holes in my TS-850SAT, and so I have the bottom filter access panel off and wires coming out that.
Having the jack on the back is really a nice advantage in my opinion. I just couldn't find any nice way to do the connect in to the 455 KHz IF using existing jacks. I miss the days when manufacturers put "spare" jacks in their equipment.

73,

Rob, KL7NA

On Tue, 2007-08-28 at 13:46 +0000, ve3tmt wrote:
> --- In TS-850_450_690@yahoogroups.com, Rob Frohne <frohro@...> wrote:
> >
> > Hi Max,
> >
> > You might want to consider the possibility of using the 455 KHz IF
> like
> > I did. It gives you the 455 KHz filters to use as well if you wish.
> > The down side is you have to go inside the rig to connect to that
> IF.
> > The 8.83 MHz IF has a jack on the back.
> >
> > 73,
> >
> > Rob, KL7NA
>
> I thought of that Rob, as I have a 500 hz CW filter in the 455 IF. But
> using the Power SDR software, the IF bandwidth is adjustable so I will
> try that route first. I saw the mod you did to the 850. I am no
> stranger to these radios having performed many mods on mine in the
> past. I'll let you know how the 8.83 IF turns out.
>
> 73,
>
> Max, VE3TMT
>
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Rob Frohne, Ph.D., P.E., Professor

E.F. Cross School of Engineering
Walla Walla College
100 SW 4th St.
College Place, WA 99324
(509) 527-2075
http://www.wwc.edu/~frohro/

6250. Re: Add DSP Demodulators to your Kenwood for $12!

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-08-28 23:19:40 UTC
From: ve3tmt
Topic: 6231 Message: 6250

--- In TS-850_450_690@yahoogroups.com, Rob Frohne <frohro@...> wrote:
>
> Yes, Max, I'm interested to hear how it works for you. I didn't want to
> drill holes in my TS-850SAT, and so I have the bottom filter access
> panel off and wires coming out that.
> Having the jack on the back is really a nice advantage in my opinion. I
> just couldn't find any nice way to do the connect in to the 455 KHz IF
> using existing jacks. I miss the days when manufacturers put "spare"
> jacks in their equipment.

Bottom of the 850 right in the middle, between the IF and RF board is
a great spot. I have a 1/4" jack there for my balanced modulator feed.
Could very easily work for an IF tap.

Max, VE3TMT

6251. RE: [TS-850_450_690] Re: Add DSP Demodulators to your Kenwood for $12!

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-08-29 01:05:38 UTC
From: Rob Frohne
Topic: 6231 Message: 6251

Hi Antonio,

Send Tony Parks an email. Tony Parks <raparks@...

73,

Rob

On Tue, 2007-08-28 at 13:53 +0000, Gutierrez, Antonio wrote:
> Hello All,
>
> Please does somebody knows how to order the SoftRock Lite Lit @ 8.817
> MHz?
>
> Thank you
> Kind regards
> Antonio EA4KT
>
> _____
> From: TS-850_450_690@yahoogroups.com
> [mailto:TS-850_450_690@yahoogroups.com] On Behalf Of ve3tmt
> Sent: Tuesday, August 28, 2007 3:47 PM
> To: TS-850_450_690@yahoogroups.com
> Subject: [TS-850_450_690] Re: Add DSP Demodulators to your Kenwood for
> $12!
>
> --- In TS-850_450_690@yahoogroups.com<mailto:TS-850_450_690%
> 40yahoogroups.com>, Rob Frohne <frohro@...> wrote:
> >
> > Hi Max,
> >
> > You might want to consider the possibility of using the 455 KHz IF
> like
> > I did. It gives you the 455 KHz filters to use as well if you wish.
> > The down side is you have to go inside the rig to connect to that
> IF.
> > The 8.83 MHz IF has a jack on the back.
> >
> > 73,
> >
> > Rob, KL7NA
>
> I thought of that Rob, as I have a 500 hz CW filter in the 455 IF. But
> using the Power SDR software, the IF bandwidth is adjustable so I will
> try that route first. I saw the mod you did to the 850. I am no

> stranger to these radios having performed many mods on mine in the
> past. I'll let you know how the 8.83 IF turns out.
>
> 73,
>
> Max, VE3TMT
>
> [Non-text portions of this message have been removed]
>
>
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>
--
Rob Frohne, Ph.D., P.E., Professor
E.F. Cross School of Engineering
Walla Walla College
100 SW 4th St.
College Place, WA 99324
(509) 527-2075
http://www.wwc.edu/~frohro/

6252. HRD-like sofware that will work in Window 98

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-08-29 23:24:33 UTC
From: Dennis P. Morgan
Topic: 6252 Message: 6252

Mainly all I want to do is control the VFO. Does anything exist?

Thanks,

Den

6253. TS-450 Lighting Strike

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-08-30 01:39:43 UTC
From: w4jz
Topic: 6253 Message: 6253

My father-in-law did one of those oh I forgot to disconnect my antenna right after a brief storm went through. Came in on the antenna.. do have 13.8 volts to the rig, but rig will not power on.

I don't have the rig yet, but is there some kind of lighting protection in the little 450? He said there is no smell of anything burned so guessing, more like hoping, not too much shot in rig. But with lighting you never know.

Any suggestions would be appreciated!

Thanks,
Reed W4JZ

6254. TS-850 Calibration

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-08-30 05:58:10 UTC
From: Paul
Topic: 6253 Message: 6254

I used to have a piece of wire, intended to calibrate my TS850-SAT.
Can anyone remind me how to do it please !

Paul

Luggage? GPS? Comic books?
Check out fitting gifts for grads at Yahoo! Search.

[Non-text portions of this message have been removed]

6255. Re: [TS-850_450_690] HRD-like sofware that will work in Window 98

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-08-30 09:27:51 UTC
From: DaveH
Topic: 6252 Message: 6255

Ham radio deluxe does all you want and much more. Plus it's free! 73
Dave
David R. Henry LME
Licensed Master Electrician
Amateur Radio W2DRH
Member ARRL
Accredited Instructor

----- Original Message -----
From: "Dennis P. Morgan" <k0un_den@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Wednesday, August 29, 2007 7:24 PM
Subject: [TS-850_450_690] HRD-like sofware that will work in Window 98

> Mainly all I want to do is control the VFO. Does anything exist?
>
> Thanks,
>
> Den
>
>
>
> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
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6256. Re: [TS-850_450_690] HRD-like sofware that will work in Window 98

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-08-30 14:46:16 UTC
From: Dennis P. Morgan
Topic: 6252 Message: 6256

Yes, HRD does everything I want. But, it doesn't work in Windows 98. And the HRD site. Says not to mention Windows 98. It says it "may" work in Windows 98 and if it doesn't, don't ask.

----- Original Message ----
From: DaveH <w2drh@...>
To: TS-850_450_690@yahoogroups.com
Sent: Thursday, August 30, 2007 5:27:51 AM
Subject: Re: [TS-850_450_690] HRD-like sofware that will work in Window 98

Ham radio deluxe does all you want and much more. Plus it's free! 73
Dave
David R. Henry LME
Licensed Master Electrician
Amateur Radio W2DRH
Member ARRL
Accredited Instructor

----- Original Message -----
From: "Dennis P. Morgan" <k0un_den@yahoo. com>
To: <TS-850_450_690@ yahoogroups. com>
Sent: Wednesday, August 29, 2007 7:24 PM
Subject: [TS-850_450_ 690] HRD-like sofware that will work in Window 98

> Mainly all I want to do is control the VFO. Does anything exist?
>
> Thanks,
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> Den
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>
> THANKS FOR USING TS-850_450_690@ YAHOOGROUPS. COM
> Yahoo! Groups Links
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6257. Re: TS-850 Calibration

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-08-30 17:23:27 UTC
From: grwescom
Topic: 6253 Message: 6257

I'd suggest that you not bother with the wire. What I do is tune in WWV at 15 MHz in CW mode (or any other stable, accurate frequency standard for that matter). Toggle back and forth between CW and CW-R. If the TS-850 is right on frequency, there will be no difference in pitch as you switch back and forth. If the TS-850 is off frequency a bit, you adjust frequency trimmer TC-5 to get the audio tone to not shift up and down as you switch between CW and CW-R.

If your radio is connected to a computer for digital mode operation, that can make things even easier. Set your computer up for PSK-31 mode and click on the WWV carrier. You can read the exact audio frequency of the CW and CW-R tones as the PSK-31 decoder tracks your adjustments.

Gary
N0GW

--- In TS-850_450_690@yahoogroups.com, Paul <malti7388@...> wrote:
>
> I used to have a piece of wire, intended to calibrate my TS850-SAT.
> Can anyone remind me how to do it please !
>
> Paul

6258. Re: [TS-850_450_690] HRD-like sofware that will work in Window 98

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-08-30 18:54:59 UTC
From: ve3wej gmail
Topic: 6252 Message: 6258

for which model....ve3mij has an excellent program for the 850 (only)

VE3WEJ
Dave Garber
----- Original Message -----
From: Dennis P. Morgan
To: TS-850_450_690@yahoogroups.com
Sent: Wednesday, August 29, 2007 7:24 PM
Subject: [TS-850_450_690] HRD-like sofware that will work in Window 98

Mainly all I want to do is control the VFO. Does anything exist?

Thanks,

Den

[Non-text portions of this message have been removed]

6259. Re: [TS-850_450_690] HRD-like sofware that will work in Window 98

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-08-30 21:45:56 UTC
From: Dennis P. Morgan
Topic: 6252 Message: 6259

TS-45S/AT

----- Original Message ----
From: ve3wej gmail <ve3wej@...>
To: TS-850_450_690@yahoogroups.com
Sent: Thursday, August 30, 2007 2:54:59 PM
Subject: Re: [TS-850_450_690] HRD-like sofware that will work in Window 98

for which model....ve3mij has an excellent program for the 850 (only)

VE3WEJ
Dave Garber
----- Original Message -----
From: Dennis P. Morgan
To: TS-850_450_690@ yahoogroups. com
Sent: Wednesday, August 29, 2007 7:24 PM
Subject: [TS-850_450_ 690] HRD-like sofware that will work in Window 98

Mainly all I want to do is control the VFO. Does anything exist?

Thanks,

Den

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

6260. Re: [TS-850_450_690] HRD-like sofware that will work in Window 98

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-08-30 23:18:02 UTC
From: ve3wej gmail
Topic: 6252 Message: 6260

http://xoomer.alice.it/ham-radio-manuals/kmij3_11.zip

VE3WEJ
Dave Garber
----- Original Message -----
From: Dennis P. Morgan
To: TS-850_450_690@yahoogroups.com
Sent: Thursday, August 30, 2007 5:45 PM
Subject: Re: [TS-850_450_690] HRD-like sofware that will work in Window 98

TS-45S/AT

----- Original Message ----
From: ve3wej gmail <ve3wej@...>
To: TS-850_450_690@yahoogroups.com
Sent: Thursday, August 30, 2007 2:54:59 PM
Subject: Re: [TS-850_450_690] HRD-like sofware that will work in Window 98

for which model....ve3mij has an excellent program for the 850 (only)

VE3WEJ
Dave Garber
----- Original Message -----
From: Dennis P. Morgan
To: TS-850_450_690@ yahoogroups. com
Sent: Wednesday, August 29, 2007 7:24 PM
Subject: [TS-850_450_ 690] HRD-like sofware that will work in Window 98

Mainly all I want to do is control the VFO. Does anything exist?

Thanks,

Den

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

6261. Re: HRD-like sofware that will work in Window 98

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-08-31 13:13:12 UTC
From: Janez Celarc
Topic: 6252 Message: 6261

Not agree with your statement.
All versions before 3.5 build 1510 (including 1510)
works on my old laptop and WIN98SE. Check the HRD
web and find beta versions.
Link to last 98 version:
http://www.ham-radio.ch/kits/beta/3.5/1510/

(Versions after 1510 don't work on 98 anymore.)
Good luck de Janez S51DX

73 es DX de Janez S51DX

Primary e-mail : s51dx@...
URL : http://www.qsl.net/s51dx/

_____
Building a website is a piece of cake. Yahoo! Small Business gives you all the tools to get online.
http://smallbusiness.yahoo.com/webhosting

6262. Re: [TS-850_450_690] Re: HRD-like sofware that will work in Window 98

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-08-31 15:08:07 UTC
From: Dennis P. Morgan
Topic: 6252 Message: 6262

Thank you, for the Link. I'll download and install and see if it works out and let the group know.

Again, thanks

de Den/k0un

----- Original Message ----
From: Janez Celarc <s51dx@...>
To: TS-850_450_690@yahoogroups.com
Sent: Friday, August 31, 2007 9:13:12 AM
Subject: [TS-850_450_690] Re: HRD-like sofware that will work in Window 98

Not agree with your statement.
All versions before 3.5 build 1510 (including 1510)
works on my old laptop and WIN98SE. Check the HRD
web and find beta versions.
Link to last 98 version:
http://www.ham- radio.ch/ kits/beta/ 3.5/1510/

(Versions after 1510 don't work on 98 anymore.)
Good luck de Janez S51DX

73 es DX de Janez S51DX

Primary e-mail : s51dx@yahoo. com
URL : http://www.qsl. net/s51dx/

Building a website is a piece of cake. Yahoo! Small Business gives you all the tools to get online.
http://smallbusines s.yahoo.com/ webhosting

[Non-text portions of this message have been removed]

6263. TS-850s to FL2100 alc compatibility

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-09-01 14:04:22 UTC
From: vk4tux
Topic: 6263 Message: 6263

I sold one of my TS-850s units recently and the buyer asked me;

"One of those questions is that my old 430s runs an ALC link to the
fl2100d linear
will the 850s do this ? "
Does anyone here know how the TS430s alc output compares to the TS850s
for Yaesu FL2100 linear amp alc control. Much obliged for a voice of
experience please?

73

VK4TUX

6264. TS 850 for sale

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-09-02 20:46:15 UTC
From: Herbert Holtje
Topic: 6264 Message: 6264

I am the original owner. Never used outside the shack. CW filter included. Mint radio. Back-up battery has been replaced. Make offer.

Bert - W2TQS

W2TQS@...

6265. Re: TS-850 Calibration

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-09-04 16:37:56 UTC
From: ve9xyz
Topic: 6253 Message: 6265

This sounds interesting, but is there is similar procedure for those of us that have TS-450's ? Sometimes I get the feeling that mine isn't dead on, but not sure.

Kevin
VE9-XYZ
myfamilydotcom@...

--- In TS-850_450_690@yahoogroups.com, "grwescom" <grwescom@...> wrote:
>
> I'd suggest that you not bother with the wire. What I do is tune in
> WWV at 15 MHz in CW mode (or any other stable, accurate frequency
> standard for that matter). Toggle back and forth between CW and CW-R.
> If the TS-850 is right on frequency, there will be no difference in
> pitch as you switch back and forth. If the TS-850 is off frequency a
> bit, you adjust frequency trimmer TC-5 to get the audio tone to not
> shift up and down as you switch between CW and CW-R.
>
> If your radio is connected to a computer for digital mode operation,
> that can make things even easier. Set your computer up for PSK-31
> mode and click on the WWV carrier. You can read the exact audio
> frequency of the CW and CW-R tones as the PSK-31 decoder tracks your
> adjustments.
>
> Gary
> N0GW
>
> --- In TS-850_450_690@yahoogroups.com, Paul <malti7388@> wrote:
> >
> > I used to have a piece of wire, intended to calibrate my TS850-SAT.
> > Can anyone remind me how to do it please !
> >
> > Paul
>

6266. My TS-850SAT repair

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-09-04 22:28:31 UTC
From: José V. Gavilá
Topic: 6266 Message: 6266

Hello!

I am working since yesterday on a new to me TS-850SAT. I got it cheap as it had been looked at by a couple respected technicians and both had said it was not worth fixing...

Well, I am fond to that kind of challenges and, so far, most of the times rigs go back from their untimely death :-)

Luckily, this time I am also in the right path: yesterday I received a rig which just transmitted on SSB and didn't receive anything. After some study of Service Manual and schematics I hooked the oscilloscope and found that RXB control signal was a sawtooth-like signal when in RX, instead of the 8VDC it should be... I found a couple of suspect digital transistors in TRX module and, once replaced, RX was OK in all modes and bands :-)!. So far, so good...

Today, checking the rig in a bit more detail, I have found some other faults, which I list below:

(1)TXB signal is 8VDC on TX (OK) but 0.9V on RX. It seems doesn't affect operation but I think something should be wrong. Any hint?

(2)S-meter does not work except in FM mode (so I know A/D converter in uP is fine). If you lower RF GAIN, S-meter deflects. But with on-air or signal generator signals, S-meter just doesn't move. RX sensitivity is perfectly fine. And AGC works also fine in all modes. I think that module SM-AMP in IF unit is the prime suspect. And, on it, NJM2904A amplifier could be the cause of the problem, as AGC level is OK but S-meter output is low. I have tried the S-meter alignment procedure but does nothing. Any hint on this?. Has someone an spare NJM2904A around?

(3)Antenna Tuner only works in 80 meters... it seems to me it should have an stuck relay.

Well, so far these are all the faults found. All in all, I have already a mostly working rig and, being a 'parts unit' it is not a bad start :-)

Regards,

JOSE - EB5AGV
http://jvgavila.com

6267. Re: [TS-850_450_690] Re: TS-850 Calibration

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-09-05 00:42:24 UTC
From: Steve Gehring
Topic: 6253 Message: 6267

Another method that works well (tnx to K6LL):

There are a lot of TS-850's out there. Here's a quick
procedure for checking and aligning frequency
calibration. This general approach behind this
procedure should apply to almost any radio.
Calibration is especially important if you are
using packet/telnet.

TS-850 Quick Dial Calibration Check

1. Tune the radio to 10Mhz, so you can hear WWV.

2. Press the "tune" button on the radio (keypad #7).

3. Set vfo A to 10000.10 KhZ.

4. Set vfo B to 9999.90 Khz.

5. Flip back and forth between vfo A and B. On both, you should
hear a low tone of about 100Hz, just off zero beat of the
WWV carrier. If the tones are not exactly equal in frequency,
adjust TC-5 on the PLL Unit, as follows:

TS-850 Quick Dial Calibration

6. Remove the TS-850 top cover.

7. There is a three-stack of boards on the left side
of the radio. On the left side of the lowest shield,
there is an elliptical cutout. Peek inside, and you
will see the screwdriver-adjustable pot TC-5.

8. Make a small adjustments to TC-5, and repeat step 5
above until the two tones are exactly equal in frequency.

Dave Hachadorian, K6LL
Yuma, AZ

ve9xyz wrote:
>
> This sounds interesting, but is there is similar procedure for those
> of us that have TS-450's ? Sometimes I get the feeling that mine
> isn't dead on, but not sure.
>
> Kevin
> VE9-XYZ
> myfamilydotcom@... <mailto:myfamilydotcom%40hotmail.com>

>
>
> --- In TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>, "grwescom" <grwescom@...>
> wrote:
> >
> > I'd suggest that you not bother with the wire. What I do is tune
> in
> > WWV at 15 MHz in CW mode (or any other stable, accurate frequency
> > standard for that matter). Toggle back and forth between CW and
> CW-R.
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> > pitch as you switch back and forth. If the TS-850 is off
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> > bit, you adjust frequency trimmer TC-5 to get the audio tone to not
> > shift up and down as you switch between CW and CW-R.
> >
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> operation,
> > that can make things even easier. Set your computer up for PSK-31
> > mode and click on the WWV carrier. You can read the exact audio
> > frequency of the CW and CW-R tones as the PSK-31 decoder tracks
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> > adjustments.
> >
> > Gary
> > N0GW
> >
>
>

6268. Re: [TS-850_450_690] TS-850s to FL2100 alc compatibility

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-09-05 02:37:07 UTC
From: Steve Gehring
Topic: 6263 Message: 6268

vk4tux wrote:
>
> I sold one of my TS-850s units recently and the buyer asked me;
>
> "One of those questions is that my old 430s runs an ALC link to the
> fl2100d linear
> will the 850s do this ? "
> Does anyone here know how the TS430s alc output compares to the TS850s
> for Yaesu FL2100 linear amp alc control. Much obliged for a voice of
> experience please?
>
> 73
>
> VK4TUX
>
>
> _.-.'___

Interesting question...

Having never owned or operated an FL-2100 series amp, my question would be, "Can you overdrive an FL-2100 series amp with 100 watts?" I noted the 2100Z's ALC only activates when the plate current exceeds half an amp (0.5 A), and that the amp requires a 100-watt transmitter for full output from the FL-2100(Z).

Any 2100 series experts out there?

73.

6269. Re: TS-850 Calibration

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-09-05 03:44:21 UTC
From: grwescom
Topic: 6253 Message: 6269

Sure, this scheme works on the newer radios with a single reference oscillator. For Kenwood, that was at least as far back as the TS-140. Essentially you are looking for a pitch change when you listen to a frequency standard signal as us switch between upper and lower sideband or CW and CW-R.

A simple way to check your frequency accuracy if you are not able to do the CW - CWR toggling is to tune your transceiver to read exactly 10.000.00 MHz or 15.000.00 MHz and switch between USB and LSB while the 400 or 600 Hz tone is being transmitted by WWV. If the transceiver's reference oscillator is off frequency, the tone will be different as you toggle back and forth between USB and LSB.

To figure out exactly how far off frequency your radio is, you tune the radio up or down while toggling the mode until you find a spot that produces no tone shift. The frequency readout will tell you how far off you are. At 15 MHz, 15 Hz is 1 PPM (Part Per Million) error.

Your frequency error will be proportional to frequency. Off high by 50 Hz at 10 Mz means that you will be off high by 5 Hz at 1MHz and 100 Hz high at 20 MHz.

Gary
N0GW

--- In TS-850_450_690@yahoogroups.com, "ve9xyz" <myfamilydotcom@...> wrote:
>
> This sounds interesting, but is there is similar procedure for those
> of us that have TS-450's ? Sometimes I get the feeling that mine
> isn't dead on, but not sure.
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> > --- In TS-850_450_690@yahoogroups.com, Paul <malti7388@> wrote:
> > >
> > > I used to have a piece of wire, intended to calibrate my TS850-
> SAT.
> > > Can anyone remind me how to do it please !
> > >
> > > Paul
> >
>

6270. TXB and RXB resistance to GND?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-09-05 09:54:05 UTC
From: José V. Gavilá
Topic: 6270 Message: 6270

Hello!

Just a short question... which should be the approximate resistance of
TXB and RXB to GROUND?

Thanks!

73 JOSE EB5AGV
http://jvgavila.com

6275. capacitors

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-09-07 19:55:55 UTC
From: Dave
Topic: 6275 Message: 6275

Has anybody made up a kit for replacing the capacitors on ts-850.?????

Dave

6276. Re: [TS-850_450_690] capacitors

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-09-07 23:05:53 UTC
From: Jose V. Gavila
Topic: 6275 Message: 6276

Hello!

>Has anybody made up a kit for replacing the capacitors on ts-850.?????

Mmmmm.... so I suspect the full leaking set (11 capacitors!) in the PLL UNIT of the 850 I got yesterday for repair is not an isolate case :-(!

Curiously enough, I bought a 'parts unit' 850 last week (and I had never owned one before). And just yesterday I got one in the shop for repair... In my unit, only leaking capacitor I could find was the larger one at the PLL unit. But in the other 850, there were, so far, 13 leaking caps!. One in the display circuit (which made the display blank), another in the audio output circuit (which prevented any audio output from the rig) and today I have found that all 11 caps in the PLL UNIT were leaking badly.

Are there any more suspect capacitors to look after?

I am really curious about this... is it just a matter of the 850 or is it common for other rigs of those years?. I have repaired some dozens of different brands rigs and had never found such a bad case as in last 850!

Regards,

JOSE (who is checking Farnell catalog to buy some caps ;-))
---
73 EB5AGV / EC5AAU - JOSE V. GAVILA
La Canyada - Valencia (SPAIN) - Loc: IM99SM

Vintage Radio: http://jvgavila.com
Vintage Test Equipment: http://jvgavila.com/testeq.htm
European Boatanchors List: http://groups.yahoo.com/group/euro_ba_swap

6277. Re: [TS-850_450_690] capacitors

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-09-08 02:15:02 UTC
From: Anthony W. DePrato
Topic: 6275 Message: 6277

>the 850's used a 16 v cap and the voltage peaks on both boards was
>around 22 volts if i recall. this is where the problem came . i
>replaced both of my 850s with 32 v caps and no leaking. also moved
>the battery to the front with a holder for ez replacement. rule of
>thumb for all 850's change out every 16v cap in the radio.

73 Tony

QBE ZUT DE WA4JQS

ANTHONY W. (Tony) DePrato WA4JQS EXTRA - HEAVY
Since 1962
CQ DX HALL OF FAME # 35
A1-OP FISTS # 10573 SKCC #1227 F.O.P.
DXCC PHONE- DXCC CW- DXCC RTTY- DXCC MIXED
DXCC 40, 20, 15, 10 METERS
South Sandwich Island Dxpedition Group
CALLS HELD:
WA4JQS/ZS1, WA4JQS/KC4, WA4JQS/4K1
ZD8JQS, V31SS, VP8BZL, VP8SSI, 3Y0PI

[Non-text portions of this message have been removed]

6278. Re: [TS-850_450_690] capacitors

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-09-08 02:23:54 UTC
From: ve3wej gmail
Topic: 6275 Message: 6278

If nobody has a package, is there a complete list made to tell me which values and which capacitors I need to replace, and yes I would be doing the battery replacing as well (have the parts for that)

VE3WEJ
Dave Garber
----- Original Message -----
From: Anthony W. DePrato
To: TS-850_450_690@yahoogroups.com
Sent: Friday, September 07, 2007 10:15 PM
Subject: Re: [TS-850_450_690] capacitors

>the 850's used a 16 v cap and the voltage peaks on both boards was
>around 22 volts if i recall. this is where the problem came . i
>replaced both of my 850s with 32 v caps and no leaking. also moved
>the battery to the front with a holder for ez replacement. rule of
>thumb for all 850's change out every 16v cap in the radio.

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QBE ZUT DE WA4JQS

ANTHONY W. (Tony) DePrato WA4JQS EXTRA - HEAVY
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CALLS HELD:
WA4JQS/ZS1, WA4JQS/KC4, WA4JQS/4K1
ZD8JQS, V31SS, VP8BZL, VP8SSI, 3Y0PI

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

6279. Re: [TS-850_450_690] capacitors

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-09-08 05:29:34 UTC
From: Dave
Topic: 6275 Message: 6279

The carrier board SMD caps that tend to leak can be replaced with these
from Mouser:

1 x 647-UUD1E470MCL - 47uf, 25v
10 x 647-UUD1E220MCL - 22uf, 25v (Mouser didn't have 10uf in stock
when I bought them)

I have pictures of the job at http://www.zievid.com/W6OT/TS-850/TS-850.htm.

Hope this helps,
- Dave
W6OT

ve3wej gmail wrote:
>
> If nobody has a package, is there a complete list made to tell me
> which values and which capacitors I need to replace, and yes I would
> be doing the battery replacing as well (have the parts for that)
>
> VE3WEJ
> Dave Garber
> ----- Original Message -----
> From: Anthony W. DePrato
> To: TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>
> Sent: Friday, September 07, 2007 10:15 PM
> Subject: Re: [TS-850_450_690] capacitors
>
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> >around 22 volts if i recall. this is where the problem came . i
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> 73 Tony
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> South Sandwich Island Dxpedition Group
> CALLS HELD:

> WA4JQS/ZS1, WA4JQS/KC4, WA4JQS/4K1
> ZD8JQS, V31SS, VP8BZL, VP8SSI, 3Y0PI
>
> [Non-text portions of this message have been removed]
>
> [Non-text portions of this message have been removed]
>
>
> ---
>
> No virus found in this incoming message.
> Checked by AVG Free Edition.
> Version: 7.5.485 / Virus Database: 269.13.9/994 - Release Date: 9/7/2007 4:40 PM
>

6280. Re: [TS-850_450_690] capacitors

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-09-08 12:03:29 UTC
From: ve3wej gmail
Topic: 6275 Message: 6280

thanks for the list, and the link works if you remove the last "dot" after
htm
checked out the info, and along with other parts I need , looks like i need
to get an order rogether.

Thanks again

VE3WEJ
Dave Garber
----- Original Message -----
From: Dave
To: TS-850_450_690@yahoogroups.com
Sent: Saturday, September 08, 2007 1:29 AM
Subject: Re: [TS-850_450_690] capacitors

The carrier board SMD caps that tend to leak can be replaced with these
from Mouser:

1 x 647-UUD1E470MCL - 47uf, 25v
10 x 647-UUD1E220MCL - 22uf, 25v (Mouser didn't have 10uf in stock
when I bought them)

I have pictures of the job at
http://www.zievid.com/W6OT/TS-850/TS-850.htm.

Hope this helps,
- Dave
W6OT

ve3wej gmail wrote:
>
> If nobody has a package, is there a complete list made to tell me
> which values and which capacitors I need to replace, and yes I would
> be doing the battery replacing as well (have the parts for that)
>
> VE3WEJ
> Dave Garber
> ----- Original Message -----
> From: Anthony W. DePrato
> To: TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>
> Sent: Friday, September 07, 2007 10:15 PM
> Subject: Re: [TS-850_450_690] capacitors
>
> >the 850's used a 16 v cap and the voltage peaks on both boards was
> >around 22 volts if i recall. this is where the problem came . i
> >replaced both of my 850s with 32 v caps and no leaking. also moved

> >the battery to the front with a holder for ez replacement. rule of
> >thumb for all 850's change out every 16v cap in the radio.
>
> 73 Tony
>
> QBE ZUT DE WA4JQS
>
> ANTHONY W. (Tony) DePrato WA4JQS EXTRA - HEAVY
> Since 1962
> CQ DX HALL OF FAME # 35
> A1-OP FISTS # 10573 SKCC #1227 F.O.P.
> DXCC PHONE- DXCC CW- DXCC RTTY- DXCC MIXED
> DXCC 40, 20, 15, 10 METERS
> South Sandwich Island Dxpedition Group
> CALLS HELD:
> WA4JQS/ZS1, WA4JQS/KC4, WA4JQS/4K1
> ZD8JQS, V31SS, VP8BZL, VP8SSI, 3Y0PI
>
> [Non-text portions of this message have been removed]
>
> [Non-text portions of this message have been removed]
>
>
> --
>
> No virus found in this incoming message.
> Checked by AVG Free Edition.
> Version: 7.5.485 / Virus Database: 269.13.9/994 - Release Date: 9/7/2007
4:40 PM
>

6281. Re: [TS-850_450_690] capacitors

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-09-08 12:17:20 UTC
From: Anthony W. DePrato
Topic: 6275 Message: 6281

At 10:23 PM 9/7/2007, you wrote:
>If nobody has a package, is there a complete list made to tell me
>which values and which capacitors I need to replace, and yes I would
>be doing the battery replacing as well (have the parts for that)
>
>
>VE3WEJ
>Dave Garber
>SNIP

Dave:
I have a list somewhere but finding it in the workshop will be
something hi hi.. Rich N8UX has repaired a number of 850's as has a
couple of others on here. i copied your message to rich . i am sure
one of the other 850 repair guys will have a list . what i did was
just go there the parts list in the book and looked for 16 v caps.
73 Tony wa4jqs

QBE ZUT DE WA4JQS

ANTHONY W. (Tony) DePrato WA4JQS EXTRA - HEAVY
Since 1962
CQ DX HALL OF FAME # 35
A1-OP FISTS # 10573 SKCC #1227 F.O.P.
DXCC PHONE- DXCC CW- DXCC RTTY- DXCC MIXED
DXCC 40, 20, 15, 10 METERS
South Sandwich Island Dxpedition Group
CALLS HELD:
WA4JQS/ZS1, WA4JQS/KC4, WA4JQS/4K1
ZD8JQS, V31SS, VP8BZL, VP8SSI, 3Y0PI

[Non-text portions of this message have been removed]

6282. Need trimmer cap for PLL board?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-09-11 22:59:32 UTC
From: Bill Maddock
Topic: 6282 Message: 6282

Last week my TS-850S got the symptoms of rasy audio - it was on all bands. I went out to the TS-850S page and located the write up on adjusting TC1 to get 5.0 volts on TP1. So far it is working ok now, but my second radio has the same problem now and I have adjusted this trimmer cap before - it worked for a while. I would like to replace the caps for a permanent fix - the kenwood part # is C05-0331-05 it's a 10pf trimmer cap. Anyone have any idea where I can obtain several of them so I can get a permanent fix?? What has everyone else been doing to fix this? Any suggestions would be much appreciated! Thanks for the help and 73!

Bill Maddock N4ZI

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[Non-text portions of this message have been removed]

6283. Re: {SPAMFILTER} [TS-850_450_690] Need trimmer cap for PLL board?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-09-12 03:06:35 UTC
From: Anthony W. DePrato
Topic: 6282 Message: 6283

>and I have adjusted this trimmer cap before - it worked for a while.
>I would like to
> replace the caps for a permanent fix - the kenwood part # is
> C05-0331-05 it's a 10pf
> trimmer cap. Anyone have any idea where I can obtain several of
> them so I can get a
> permanent fix?? What has everyone else been doing to fix this?
> Any suggestions
> would be much appreciated! Thanks for the help and 73!
>try digikey or mcm electronics or www.tubesandmore.com

good luck
73 Tony

QBE ZUT DE WA4JQS

ANTHONY W. (Tony) DePrato WA4JQS EXTRA - HEAVY
Since 1962
CQ DX HALL OF FAME # 35
A1-OP FISTS # 10573 SKCC #1227 F.O.P.
DXCC PHONE- DXCC CW- DXCC RTTY- DXCC MIXED
DXCC 40, 20, 15, 10 METERS
South Sandwich Island Dxpedition Group
CALLS HELD:
WA4JQS/ZS1, WA4JQS/KC4, WA4JQS/4K1
ZD8JQS, V31SS, VP8BZL, VP8SSI, 3Y0PI

[Non-text portions of this message have been removed]

6284. Diode ?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-09-12 14:37:44 UTC
From: w8btm45231
Topic: 6284 Message: 6284

When I used to push my REC/SEND button in CW mode into a dummy load I would get a reading on my power out meter, now the only time I get a reading is when I'm in FSK mode. Have I blow-ed a diode some where While tuning up ?

6285. TS-850 inspection

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-09-12 15:21:19 UTC
From: nz7c
Topic: 6285 Message: 6285

I'm pretty "attached" to the TS-850's and would like mine to keep operating for a long time. However I am not an electronics person. I would like to do just an "eyeball" inspection of my rig. I undertand that caps can "go bad" etc. I won't pretend that I know what makes a cap go bad but I would like to know if that or anything else can be observed by a visual inspection. Could one of you who are expereienced in electronics tell me what, if anything, I should look for when I pop the cabinet and inspect a rig? Other than checking the battery - are there tell-tale signs of any other form of component degradation I should look for? Thanks in advance folks.
Tim NZ7C

6286. TS450 Sidetone Pitch

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-09-12 15:06:06 UTC
From: vk2nu
Topic: 6286 Message: 6286

Hi All,

can I just clarify, that if I adjust the sidetone pitch on my TS450, using menu 40, down to 650hz (which is more comfortable for my ears), that I wont be 150Hz off freq when I call someone??

I realise that I won't be able to use the 800hz tone to zero beat.

i'm just a little confused as this is the first radio I've had where the TX sidetone is fixed, so to speak!!

thanks

David, VK2NU

6287. Re: [TS-850_450_690] Diode ?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-09-12 17:21:20 UTC
From: Thomas Jones
Topic: 6284 Message: 6287

Which rig ? I have an 850 and I have to push the tune
button first before I get any output.
Tom N8NMA

--- w8btm45231 <bmcgraw@...> wrote:

> When I used to push my REC/SEND button in CW mode
> into a dummy load I
> would get a reading on my power out meter, now the
> only time I get a
> reading is when I'm in FSK mode. Have I blow-ed a
> diode some where
> While tuning up ?
>
>

Need a vacation? Get great deals
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http://travel.yahoo.com/

6288. Re: [TS-850_450_690] Diode ?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-09-12 18:51:10 UTC
From: ve3wej gmail
Topic: 6284 Message: 6288

cw mode vox must be on.....is it????

VE3WEJ
Dave Garber
----- Original Message -----
From: w8btm45231
To: TS-850_450_690@yahoogroups.com
Sent: Wednesday, September 12, 2007 10:37 AM
Subject: [TS-850_450_690] Diode ?

When I used to push my REC/SEND button in CW mode into a dummy load I
would get a reading on my power out meter, now the only time I get a
reading is when I'm in FSK mode. Have I blow-ed a diode some where
While tuning up ?

[Non-text portions of this message have been removed]

6289. Re: [TS-850_450_690] TS450 Sidetone Pitch

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-09-12 18:52:11 UTC
From: ve3wej gmail
Topic: 6286 Message: 6289

set to 800 hz for transmit, then adjust your ears with the RIT control

VE3WEJ
Dave Garber
----- Original Message -----
From: vk2nu
To: TS-850_450_690@yahoogroups.com
Sent: Wednesday, September 12, 2007 11:06 AM
Subject: [TS-850_450_690] TS450 Sidetone Pitch

Hi All,

can I just clarify, that if I adjust the sidetone pitch on my TS450,
using menu 40, down to 650hz (which is more comfortable for my ears),
that I wont be 150Hz off freq when I call someone??

I realise that I won't be able to use the 800hz tone to zero beat.

i'm just a little confused as this is the first radio I've had where
the TX sidetone is fixed, so to speak!!

thanks

David, VK2NU

[Non-text portions of this message have been removed]

6290. Re: [TS-850_450_690] Need trimmer cap for PLL board?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-09-12 19:58:46 UTC
From: Bill Maddock
Topic: 6282 Message: 6290

Bottom line will a 25V 10 pf work? - I am worried about voltage!

Bill Maddock <n4zi96@...> wrote: Last week my TS-850S got the symptoms of rasy audio - it was on all bands. I went
out to the TS-850S page and located the write up on adjusting TC1 to get 5.0 volts on TP1. So far it is working ok now, but my second radio has the same problem now and I have adjusted this trimmer cap before - it worked for a while. I would like to replace the caps for a permanent fix - the kenwood part # is C05-0331-05 it's a 10pf trimmer cap. Anyone have any idea where I can obtain several of them so I can get a permanent fix?? What has everyone else been doing to fix this? Any suggestions would be much appreciated! Thanks for the help and 73!

Bill Maddock N4ZI

Shape Yahoo! in your own image. Join our Network Research Panel today!

[Non-text portions of this message have been removed]

Pinpoint customers who are looking for what you sell.

[Non-text portions of this message have been removed]

6291. MC-60 MC60A ?? difference

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-09-15 02:20:45 UTC
From: n8nma
Topic: 6291 Message: 6291

Anyone know the difference between the two ?
Thanks

Tom

6292. Re: [TS-850_450_690] MC-60 MC60A ?? difference

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-09-15 03:35:59 UTC
From: ve3wej gmail
Topic: 6291 Message: 6292

I beleive the a model was able to be wired to the radio, whereas the original was not, otherwise they are the same.

VE3WEJ
Dave Garber

10-X # 23465
echolink # 52852
irlp node 2202
email ve3wej@...
----- Original Message -----
From: n8nma
To: TS-850_450_690@yahoogroups.com
Sent: Friday, September 14, 2007 10:20 PM
Subject: [TS-850_450_690] MC-60 MC60A ?? difference

Anyone know the difference between the two ?
Thanks

Tom

[Non-text portions of this message have been removed]

6293. DC/DC converter board repair

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-09-15 19:40:18 UTC
From: Ken Bessler
Topic: 6293 Message: 6293

My DC/DC board is acting up (power swings) so I've decided
to try a repair myself using the info I found on the web. I
need 3 transistors, 2 BC547's and a BC557 plus 2 1n4148
diodes.

Question: Can I substitue 2n3904/2n3906's for the transistors?

Is Digikey the best place to order?

73's de Ken KG0WX - Kadiddlehopper #11808,
Flying Pigs #-1055, Grid EM17io

A place for moms to take a break!
http://www.reallivemoms.com?ocid=TXT_TAGHM&loc=us

6294. Re: MC-60 MC60A ?? difference

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-09-15 22:30:51 UTC
From: Clif
Topic: 6291 Message: 6294

You can get all kinds of answers and arguments about that question.
The store where I did work for found this.

The MC60 was wired for the older radios and had a 4 pin plug. The
MC60A was wired for the later radios and had an 8 pin plug. That was
the only difference we could find. You could order from Kenwood the
cable from the mike to the radio with either plug. The mike end was an
8 pin for both cables.

Oh the 4 pin had to have batteries for the preamp. The 8 pin got power
from the radio and didn't need batteries although the holder was there.

Clif

--- In TS-850_450_690@yahoogroups.com, "n8nma" <n8nma@...> wrote:
>
> Anyone know the difference between the two ?
> Thanks
>
> Tom
>

6295. Re: DC/DC converter board repair

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-09-15 22:34:24 UTC
From: Clif
Topic: 6293 Message: 6295

While you are there replaced the electrolytic caps also.

My question is, "Why bother with subs and the remove-replace hassle
when the replacement board is only about $11????"

X59-1100-00 at www.kenwoodparts.com

Clif

--- In TS-850_450_690@yahoogroups.com, "Ken Bessler" <kg0wx@...> wrote:
>
> My DC/DC board is acting up (power swings) so I've decided
> to try a repair myself using the info I found on the web. I
> need 3 transistors, 2 BC547's and a BC557 plus 2 1n4148
> diodes.
>
> Question: Can I substitue 2n3904/2n3906's for the transistors?
>
> Is Digikey the best place to order?
>
> 73's de Ken KG0WX - Kadiddlehopper #11808,
> Flying Pigs #-1055, Grid EM17io
>
> _____
> A place for moms to take a break!
> http://www.reallivemoms.com?ocid=TXT_TAGHM&loc=us
>

6296. RE: [TS-850_450_690] Re: DC/DC converter board repair

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-09-15 23:21:13 UTC
From: Ken Bessler
Topic: 6293 Message: 6296

>From: "Clif" <clif@...>
>Reply-To: TS-850_450_690@yahoogroups.com
>To: TS-850_450_690@yahoogroups.com
>Subject: [TS-850_450_690] Re: DC/DC converter board repair
>Date: Sat, 15 Sep 2007 22:34:24 -0000
>
>While you are there replaced the electrolytic caps also.
>
>My question is, "Why bother with subs and the remove-replace hassle
>when the replacement board is only about $11????"
>
>X59-1100-00 at www.kenwoodparts.com
>
>Clif

The only reason I'd bother is to upgrade the components to avoid
future problems. However, as long as the part is that cheap and is
easy to get......

Part ordered $16.81 including shipping.

Thanks, Clif!

Ken

73's de Ken KG0WX - Kadiddlehopper #11808,
Flying Pigs #-1055, Grid EM17io

Kick back and relax with hot games and cool activities at the Messenger
Caf?. http://www.cafemessenger.com?ocid=TXT_TAGHM_SeptHMtagline1

6301. Looking for TS850/TS690

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-09-17 05:32:50 UTC
From: John Geiger
Topic: 6301 Message: 6301

I am looking for a Kenwood TS850SAT or TS690SAT HF rigs. I would like one with the autotuner installed, and at least a hand mic and power cord with it. I have 2 different rigs that can be worked into a trade for one of these Kenwoods. Here is what I have:

1. Yaesu FT920 HF/6m rig with DSP, built in autotuner, CW memory keyer, and voice keyer. Works fine, but the case has a couple of rough spots on it. It has the mic, power cord, and manual.

2. Yaesu FT100D HF/6m/2m/70cm radio in excellent condition. It has DSP, a built in CW memory keyer, and does 100 watts on HF and 6m, 50 watts on 2m, and 20 watts on 70cm. Comes with mic, power cord, manual, and original box.

I would also entertain cash offers for either rig. In person trades in the OKC, Dallas, Tulsa area would be nice, but I would ship either rig also. These rigs both work great, but I just prefer the way Kenwood rigs are set up instead.

Anyone have a 850 or 690 they are interested in trading?
73s John AA5JG
(ex: W5TD, NE0P)
6M WAS #1275, 6m VUCC #1260
2m VUCC #615, Satellite VUCC #129

6302. Re: [TS-850_450_690] Looking for TS850/TS690

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-09-17 13:38:05 UTC
From: Tom
Topic: 6301 Message: 6302

Hey John! I have a TS-690SAT in great shape that I would be willing to part with! I'm interested in the mobile 100D. I want something in the Jeep and that would be a good one! Mine is in great shape with the mike, power cord, etc.

Let me know if you're interested...

73, Tom W1TJL

--
Tom LeClerc, Amateur Radio Station W1TJL
(past calls WB1CBY, /VE8,XL8,CI8,VO2)

LeClerc Consulting
email: w1tjl@...
PC/Network Consulting

John Geiger wrote:
>
>
> I am looking for a Kenwood TS850SAT or TS690SAT HF rigs. I would like one
> with the autotuner installed, and at least a hand mic and power cord with
> it. I have 2 different rigs that can be worked into a trade for one of
> these Kenwoods. Here is what I have:
>
> 1. Yaesu FT920 HF/6m rig with DSP, built in autotuner, CW memory keyer, and
> voice keyer. Works fine, but the case has a couple of rough spots on it.
> It has the mic, power cord, and manual.
>
> 2. Yaesu FT100D HF/6m/2m/70cm radio in excellent condition. It has DSP, a
> built in CW memory keyer, and does 100 watts on HF and 6m, 50 watts on 2m,
> and 20 watts on 70cm. Comes with mic, power cord, manual, and original box.
>
> I would also entertain cash offers for either rig. In person trades in the
> OKC, Dallas, Tulsa area would be nice, but I would ship either rig also.
> These rigs both work great, but I just prefer the way Kenwood rigs are set
> up instead.
>
> Anyone have a 850 or 690 they are interested in trading?
> 73s John AA5JG
> (ex: W5TD, NE0P)
> 6M WAS #1275, 6m VUCC #1260
> 2m VUCC #615, Satellite VUCC #129
>
>

6303. Re: [TS-850_450_690] Looking for TS850/TS690

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-09-17 23:55:59 UTC
From: Anthony W. DePrato WA4JQS
Topic: 6301 Message: 6303

>John if you do not find a trade email me as i have two ts850sat's
>that i bought new both have tuners and 4 filters. i have book mic
>and powersupply if you are interested.
they have new battery's and all the caps have been changed by the factory.
email me off list if you do not find a trade
73 Tony

Anthony W. DePrato WA4JQS
QCWA # 23602 10X # 3621
A1-OP FISTS # 10573 VBA # 55 AMI # 1274
NCDXF # 1036 RNARS # 1309 SKCC # 1227
DXCC PHONE DXCC RTTY DXCC CW
Lis. 1962 Calls Held
VP8BZL VP8SSI 3Y0PI V31SS ZD8JQS
WA4JQS/ZS1 WA4JQS/4K1 WA4JQS/KC4

6304. Wanted YK-88SN-1

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-09-19 01:15:53 UTC
From: Thomas Jones
Topic: 6304 Message: 6304

Anyone have a YK-88SN-1 for the 850 they want to part
with ?

Thanks

Tom N8NMA

n8nma@...

_____
Take the Internet to Go: Yahoo!Go puts the Internet in your pocket: mail, news, photos & more.
http://mobile.yahoo.com/go?refer=1GNXIC

6305. Wanted PS-52.

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-09-21 10:06:18 UTC
From: iz6gvc
Topic: 6305 Message: 6305

Hi peoples I'm looking for the supply in the object.
Send me photos and prices.
Thanks!
73s Camillo.

6306. ALC adjustment on the 850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-09-21 14:14:43 UTC
From: kdrosenlund
Topic: 6306 Message: 6306

I was trying to adjust the ALC per the service manual, which says
to turn VR8 (SWR protect) to minimum before adjusting VR7, the ALC trimmer.

Well, there is no 'minimum' stop on my VR8, it just keeps going around.
How do I know what is minimum?

I know VR7 is not set right, I have to turn my
PWR control way down for 100W, but it works otherwise.

Thanks for any help,

Kit KG6PHS
http://members.dslextreme.com/users/kdrosenlund/

6307. Re: ALC adjustment on the 850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-09-21 15:54:30 UTC
From: ve3tmt
Topic: 6306 Message: 6307

--- In TS-850_450_690@yahoogroups.com, "kdrosenlund" <kdrosenlund@...>
wrote:
I was trying to adjust the ALC per the service manual, which says
to turn VR8 (SWR protect) to minimum before adjusting VR7, the ALC
trimmer. Well, there is no 'minimum' stop on my VR8, it just keeps
going around. How do I know what is minimum? I know VR7 is not set
right, I have to turn my PWR control way down for 100W, but it works
otherwise.

Thanks for any help,
Kit KG6PHS

Kit,

I would assume you are adjusting everything into a dummy load. VR8
controls the power fold back should the rig be transmitting into a
high SWR. I guess to find minimum, key the transmitter into a 3:1 SWR
according to the rigs SWR meter and adjust VR8 for maximum power
output. Do this quickly. Then go back and readjust VR7 for 100W on
the meter into a dummy load. Anything higher than that is unnecessary
and the station on the other end won't notice the difference anyway.
Make sure the carrier and power controls on the rig are both at maximum.

Max
VE3TMT

6308. TS690

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-09-22 18:42:32 UTC
From: Rupert Walford
Topic: 6308 Message: 6308

hope someone can help me with this problem,when i turn on my 690 it powers up ok but in a few seconds the display goes dim and the radio shuts off making a funny sound like its starving 4 power,not a power supply problem 4 my 850 works fine.
Shipping from Jamaica is awful expensive so if its a simple problem that i can handle i would rather do it that way.
Thanks
Rupert Walford 6y5rw

[Non-text portions of this message have been removed]

6309. Re: TS690

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-09-23 20:26:27 UTC
From: Clif
Topic: 6308 Message: 6309

Measure the voltage inside the radio. The power cord could be fine on the 850 but not working on the 450.

Clif

--- In TS-850_450_690@yahoogroups.com, "Rupert Walford" <elvyn@...> wrote:
>
>
> hope someone can help me with this problem,when i turn on my 690 it powers up ok but in a few seconds the display goes dim and the radio shuts off making a funny sound like its starving 4 power,not a power supply problem 4 my 850 works fine.
> Shipping from Jamaica is awful expensive so if its a simple problem that i can handle i would rather do it that way.
> Thanks
> Rupert Walford 6y5rw
>
> [Non-text portions of this message have been removed]
>

6310. HELP for IF 232C Cables

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-09-24 12:29:02 UTC
From: Atila Baskocak
Topic: 6310 Message: 6310

Hello all,

I have used IF 232C but not have cables, PC to IF-232C and TS-850-IF 232C..

I need pin diagrams these cables.

Thanks for interests..
Best 73 fm TA
Atila, TA1DX

6311. Re: [TS-850_450_690] HELP for IF 232C Cables

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-09-24 20:09:22 UTC
From: ve3wej gmail
Topic: 6310 Message: 6311

ts850 to if232c is same cable as a commodore 64 floppy drive 6 pin din (LARGE)

IF232C TO PC, is a standard 25 pin serial cable to whatever (25 or 9) connection you have., if you have one

wiring for those should be on most computer websites.

VE3WEJ
Dave Garber

10-X # 23465
echolink # 52852
irlp node 2202
email ve3wej@...
----- Original Message -----
From: Atila Baskocak
To: TS-850_450_690@yahoogroups.com
Sent: Monday, September 24, 2007 8:29 AM
Subject: [TS-850_450_690] HELP for IF 232C Cables

Hello all,

I have used IF 232C but not have cables, PC to IF-232C and TS-850-IF 232C..

I need pin diagrams these cables.

Thanks for interests..
Best 73 fm TA
Atila, TA1DX

[Non-text portions of this message have been removed]

6312. Re: [TS-850_450_690] Re: TS690

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-09-25 02:30:48 UTC
From: Rupert Walford
Topic: 6308 Message: 6312

Checked the voltage as u suggested inside the rig it checked out at 13.4 volts going to the power switch,any other suggestions
Rupert
6y5rw
----- Original Message -----
From: Clif
To: TS-850_450_690@yahoogroups.com
Sent: Sunday, September 23, 2007 12:26 PM
Subject: [TS-850_450_690] Re: TS690

Measure the voltage inside the radio. The power cord could be fine on
the 850 but not working on the 450.

Clif

--- In TS-850_450_690@yahoogroups.com, "Rupert Walford" <elvyn@...> wrote:
>
>
> hope someone can help me with this problem,when i turn on my 690 it
powers up ok but in a few seconds the display goes dim and the radio
shuts off making a funny sound like its starving 4 power,not a power
supply problem 4 my 850 works fine.
> Shipping from Jamaica is awful expensive so if its a simple problem
that i can handle i would rather do it that way.
> Thanks
> Rupert Walford 6y5rw
>
> [Non-text portions of this message have been removed]
>

No virus found in this incoming message.
Checked by AVG Free Edition.
Version: 7.5.485 / Virus Database: 269.13.28/1021 - Release Date: 9/21/2007 2:02 PM

[Non-text portions of this message have been removed]

6313. Re: HELP for IF 232C Cables

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-09-24 23:55:58 UTC
From: ik8vze
Topic: 6310 Message: 6313

--- In TS-850_450_690@yahoogroups.com, "Atila Baskocak" <ta1dx@...>
wrote:
>
> Hello all,
>
> I have used IF 232C but not have cables, PC to IF-232C and TS-850-IF
> 232C..
>
> I need pin diagrams these cables.
>
> Thanks for interests..
> Best 73 fm TA
> Atila, TA1DX
>
http://members.fortunecity.com/xe1bef/kenwood-manuals.htm
your computer works with attack usb or your door com with that
connector is predisposed?
73 de ik8vze espedito

6314. Re: TS690

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-09-25 02:45:42 UTC
From: Clif
Topic: 6308 Message: 6314

How about after the power switch? I've just recently seen a bad switch
that just would not pass enough current to keep the radio going in RX.

Clif

--- In TS-850_450_690@yahoogroups.com, "Rupert Walford" <elvyn@...> wrote:
>
> Checked the voltage as u suggested inside the rig it checked out at
13.4 volts going to the power switch,any other suggestions
> Rupert
> 6y5rw
> ----- Original Message -----
> From: Clif
> To: TS-850_450_690@yahoogroups.com
> Sent: Sunday, September 23, 2007 12:26 PM
> Subject: [TS-850_450_690] Re: TS690
>
>
> Measure the voltage inside the radio. The power cord could be fine on
> the 850 but not working on the 450.
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "Rupert Walford" <elvyn@>
wrote:
> >
> >
> > hope someone can help me with this problem,when i turn on my 690 it
> powers up ok but in a few seconds the display goes dim and the radio
> shuts off making a funny sound like its starving 4 power,not a power
> supply problem 4 my 850 works fine.
> > Shipping from Jamaica is awful expensive so if its a simple problem
> that i can handle i would rather do it that way.
> > Thanks
> > Rupert Walford 6y5rw
> >
> > [Non-text portions of this message have been removed]
> >
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>
> No virus found in this incoming message.
> Checked by AVG Free Edition.
> Version: 7.5.485 / Virus Database: 269.13.28/1021 - Release Date:
9/21/2007 2:02 PM
>
>
> [Non-text portions of this message have been removed]
>

6315. Re: HELP for IF 232C Cables

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-09-25 06:22:32 UTC
From: Atila Baskocak
Topic: 6310 Message: 6315

Dear OM Dave and All,

Tnx for help. OK, now WORKNG.. I am very happy..

Best 73 fm TA..
Atila, TA1DX
www.ta1dx.com

--- In TS-850_450_690@yahoogroups.com, "ve3wej gmail" <ve3wej@...>
wrote:
>
> ts850 to if232c is same cable as a commodore 64 floppy drive 6 pin
din (LARGE)
>
> IF232C TO PC, is a standard 25 pin serial cable to whatever (25 or
9) connection you have., if you have one
>
>
> wiring for those should be on most computer websites.
>
>
> VE3WEJ
> Dave Garber
>
> 10-X # 23465
> echolink # 52852
> irlp node 2202
> email ve3wej@...
> ----- Original Message -----
> From: Atila Baskocak
> To: TS-850_450_690@yahoogroups.com
> Sent: Monday, September 24, 2007 8:29 AM
> Subject: [TS-850_450_690] HELP for IF 232C Cables
>
>
> Hello all,
>
> I have used IF 232C but not have cables, PC to IF-232C and TS-
850-IF
> 232C..
>
> I need pin diagrams these cables.
>
> Thanks for interests..
> Best 73 fm TA
> Atila, TA1DX

>
>
>
>
>
> [Non-text portions of this message have been removed]
>

6316. Re: [TS-850_450_690] Re: TS690

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-09-25 15:32:50 UTC
From: Rupert Walford
Topic: 6308 Message: 6316

Cliff,
Tnx 4 help so far,here is what i have noticed ,u turn on the rig the display comes up then goes off,as it goes off the TX light comes on faintly and stays on till u turn off back the rig,the fan keeps running until the rig is also turned off.here is hoping with this more info u can figure out whats the problem.
Rupert
----- Original Message -----
From: Clif
To: TS-850_450_690@yahoogroups.com
Sent: Monday, September 24, 2007 6:45 PM
Subject: [TS-850_450_690] Re: TS690

How about after the power switch? I've just recently seen a bad switch
that just would not pass enough current to keep the radio going in RX.

Clif

--- In TS-850_450_690@yahoogroups.com, "Rupert Walford" <elvyn@...> wrote:
>
> Checked the voltage as u suggested inside the rig it checked out at
13.4 volts going to the power switch,any other suggestions
> Rupert
> 6y5rw
> ----- Original Message -----
> From: Clif
> To: TS-850_450_690@yahoogroups.com
> Sent: Sunday, September 23, 2007 12:26 PM
> Subject: [TS-850_450_690] Re: TS690
>
>
> Measure the voltage inside the radio. The power cord could be fine on
> the 850 but not working on the 450.
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "Rupert Walford" <elvyn@>
wrote:
> >
> >
> > hope someone can help me with this problem,when i turn on my 690 it
> powers up ok but in a few seconds the display goes dim and the radio
> shuts off making a funny sound like its starving 4 power,not a power
> supply problem 4 my 850 works fine.
> > Shipping from Jamaica is awful expensive so if its a simple problem
> that i can handle i would rather do it that way.
> > Thanks

> > Rupert Walford 6y5rw
> >
> > [Non-text portions of this message have been removed]
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>
> No virus found in this incoming message.
> Checked by AVG Free Edition.
> Version: 7.5.485 / Virus Database: 269.13.28/1021 - Release Date:
9/21/2007 2:02 PM
>
>
> [Non-text portions of this message have been removed]
>

No virus found in this incoming message.
Checked by AVG Free Edition.
Version: 7.5.488 / Virus Database: 269.13.30/1027 - Release Date: 9/24/2007 11:27 AM

[Non-text portions of this message have been removed]

6317. Re: TS690

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-09-25 15:37:57 UTC
From: ve3tmt
Topic: 6308 Message: 6317

--- In TS-850_450_690@yahoogroups.com, "Rupert Walford" <elvyn@...> wrote:
>
> Cliff,
> Tnx 4 help so far,here is what i have noticed ,u turn on the rig the display comes up then goes off,as it goes off the TX light comes on faintly and stays on till u turn off back the rig,the fan keeps running until the rig is also turned off.here is hoping with this more info u can figure out whats the problem.

Faulty TRX board??

6318. Re: TS690

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-09-25 15:38:44 UTC
From: Clif
Topic: 6308 Message: 6318

Go to the final unit. There are 4 supply voltages that come from it. Locate CN2 (8 pin connector) and measure the voltages on it. Pins 1,2,3 should be 14v, Pin 4 8v, Pin 5 5v, Pin 6 8v, Pin 7,8 are Gnd.

The 2 8v lines are from different regulators so they must both be there. See if any of those are dropping. If so there is probably something on the line pulling the regulator down, very seldom do the regulators go out. Also the 3 regulators are thermally protected. If they are not attached to the heatsink they will overheat and turn off.

Clif

--- In TS-850_450_690@yahoogroups.com, "Rupert Walford" <elvyn@...> wrote:
>
> Cliff,
> Tnx 4 help so far,here is what i have noticed ,u turn on the rig the display comes up then goes off,as it goes off the TX light comes on faintly and stays on till u turn off back the rig,the fan keeps running until the rig is also turned off.here is hoping with this more info u can figure out whats the problem.
> Rupert
> ----- Original Message -----
> From: Clif
> To: TS-850_450_690@yahoogroups.com
> Sent: Monday, September 24, 2007 6:45 PM
> Subject: [TS-850_450_690] Re: TS690
>
>
> How about after the power switch? I've just recently seen a bad switch
> that just would not pass enough current to keep the radio going in RX.
>
> Clif
>
> --- In TS-850_450_690@...m, "Rupert Walford" <elvyn@>
wrote:
> >
> > Checked the voltage as u suggested inside the rig it checked out at
> 13.4 volts going to the power switch,any other suggestions
> > Rupert
> > 6y5rw
> > ----- Original Message -----
> > From: Clif
> > To: TS-850_450_690@yahoogroups.com
> > Sent: Sunday, September 23, 2007 12:26 PM
> > Subject: [TS-850_450_690] Re: TS690
> >

> >
> > Measure the voltage inside the radio. The power cord could be
fine on
> > the 850 but not working on the 450.
> >
> > Clif
> >
> > --- In TS-850_450_690@yahoogroups.com, "Rupert Walford" <elvyn@>
> wrote:
> > >
> > >
> > > hope someone can help me with this problem,when i turn on my
690 it
> > powers up ok but in a few seconds the display goes dim and the radio
> > shuts off making a funny sound like its starving 4 power,not a power
> > supply problem 4 my 850 works fine.
> > > Shipping from Jamaica is awful expensive so if its a simple
problem
> > that i can handle i would rather do it that way.
> > > Thanks
> > > Rupert Walford 6y5rw
> > >
> > > [Non-text portions of this message have been removed]
> > >
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> >
> > --
> >
> >
> > No virus found in this incoming message.
> > Checked by AVG Free Edition.
> > Version: 7.5.485 / Virus Database: 269.13.28/1021 - Release Date:
> 9/21/2007 2:02 PM
> >
> >
> > [Non-text portions of this message have been removed]
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>
> No virus found in this incoming message.
> Checked by AVG Free Edition.
> Version: 7.5.488 / Virus Database: 269.13.30/1027 - Release Date:
9/24/2007 11:27 AM
>
>
> [Non-text portions of this message have been removed]
>

6319. TS-850S ACC1 DIN plug and interface

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-09-25 23:51:19 UTC
From: kdrosenlund
Topic: 6319 Message: 6319

I was trying to find a DIN plug for the computer interface
using the ACC1 jack on my 850.

Are these standard DIN pin layouts? I could use one.
I found a DB-9 cable
to solder to it.

Has anyone tried the simple computer interface with
just a zener diode and a resistor that's found on the net?

Thanks,
Kit
http://members.dslextreme.com/users/kdrosenlund/

6320. Re: [TS-850_450_690] TS-850S ACC1 DIN plug and interface

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-09-26 01:46:12 UTC
From: ve3wej gmail
Topic: 6319 Message: 6320

the interface cable is a 6 pin din, same cable as a floppy drive for a commodore 64

this goes into the if-232c.

VE3WEJ
Dave Garber

10-X # 23465
echolink # 52852
irlp node 2202
email ve3wej@...
----- Original Message -----
From: kdrosenlund
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, September 25, 2007 7:51 PM
Subject: [TS-850_450_690] TS-850S ACC1 DIN plug and interface

I was trying to find a DIN plug for the computer interface
using the ACC1 jack on my 850.

Are these standard DIN pin layouts? I could use one.
I found a DB-9 cable
to solder to it.

Has anyone tried the simple computer interface with
just a zener diode and a resistor that's found on the net?

Thanks,
Kit
http://members.dslextreme.com/users/kdrosenlund/

[Non-text portions of this message have been removed]

6321. Re: TS-850S ACC1 DIN plug and interface

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-09-26 02:06:45 UTC
From: kdrosenlund
Topic: 6319 Message: 6321

Thanks for the reply. I need to order a new one from Universal Radio
or somebody else though. All Mac here, no Commodore! I emailed them about it and they
said that Kenwood uses a different pin spacing than normal, but they sent me the part
number for an 8-pin plug. Go figure.

--- In TS-850_450_690@yahoogroups.com, "ve3wej gmail" <ve3wej@...> wrote:
>
> the interface cable is a 6 pin din, same cable as a floppy drive for a commodore 64
>
> this goes into the if-232c.
>
>
> VE3WEJ
> Dave Garber
>
> 10-X # 23465
> echolink # 52852
> irlp node 2202
> email ve3wej@...
> ----- Original Message -----
> From: kdrosenlund
> To: TS-850_450_690@yahoogroups.com
> Sent: Tuesday, September 25, 2007 7:51 PM
> Subject: [TS-850_450_690] TS-850S ACC1 DIN plug and interface
>
>
>
> I was trying to find a DIN plug for the computer interface
> using the ACC1 jack on my 850.
>
> Are these standard DIN pin layouts? I could use one.
> I found a DB-9 cable
> to solder to it.
>
> Has anyone tried the simple computer interface with
> just a zener diode and a resistor that's found on the net?
>
> Thanks,
> Kit
> http://members.dslextreme.com/users/kdrosenlund/
>
>
>
>
>

> [Non-text portions of this message have been removed]
>

6322. Re: [TS-850_450_690] Re: TS-850S ACC1 DIN plug and interface

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-09-26 03:38:03 UTC
From: Thomas Jones
Topic: 6319 Message: 6322

I think the 8 pin may work if you remove some of the
pins...it is a 6 pin din. Got mine from mouser. I use
the 232 level converter on the Ham Radio Deluxe page.
Uses 3 resistors , 3 diodes, and a dual optocoupler.
Works on mine....73....Tom N8NMA

--- kdrosenlund <kdrosenlund@...> wrote:

>
> Thanks for the reply. I need to order a new one from
> Universal Radio
> or somebody else though. All Mac here, no Commodore!
> I emailed them about it and they
> said that Kenwood uses a different pin spacing than
> normal, but they sent me the part
> number for an 8-pin plug. Go figure.
>
>
>
> --- In TS-850_450_690@yahoogroups.com, "ve3wej
> gmail" <ve3wej@...> wrote:
> >
> > the interface cable is a 6 pin din, same cable as
> a floppy drive for a commodore 64
> >
> > this goes into the if-232c.
> >
> >
> > VE3WEJ
> > Dave Garber
> >
> > 10-X # 23465
> > echolink # 52852
> > irlp node 2202
> > email ve3wej@...
> > ----- Original Message -----
> > From: kdrosenlund
> > To: TS-850_450_690@yahoogroups.com
> > Sent: Tuesday, September 25, 2007 7:51 PM
> > Subject: [TS-850_450_690] TS-850S ACC1 DIN plug
> and interface
> >
> >
> >
> > I was trying to find a DIN plug for the computer

> interface
> > using the ACC1 jack on my 850.
> >
> > Are these standard DIN pin layouts? I could use
> one.
> > I found a DB-9 cable
> > to solder to it.
> >
> > Has anyone tried the simple computer interface
> with
> > just a zener diode and a resistor that's found
> on the net?
> >
> > Thanks,
> > Kit
> > http://members.dslextreme.com/users/kdrosenlund/
> >
> >
> >
> >
> >
> > [Non-text portions of this message have been
> removed]
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>

Take the Internet to Go: Yahoo!Go puts the Internet in your pocket: mail, news, photos & more.
http://mobile.yahoo.com/go?refer=1GNXIC

6323. TS-690SAT With 3 Filters For Sale

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-09-26 12:31:02 UTC
From: caludaj@charter.net
Topic: 6319 Message: 6323

I have a Mint TS-690SAT with the antenna tuner and 3 Filters installed.
The Filters are the YK-88SN-1, The YK- 88C-1, and the YG455C-1.
The transceiver is in beautiful condition.
I thought I would post here before I put it up on ebay.
I am asking $900.00 plus shipping.
Please contact me at caludaj@... if interested.
Thanks
Joe AA5HP

6324. Re: TS-850S ACC1 DIN plug and interface

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-09-26 12:56:02 UTC
From: Clif
Topic: 6319 Message: 6324

PLEASE,,,,, PLEASE

If you order the plug from someone other than Kenwood before wiring it up see if it plugs in. It should go in very easily. One little pinkie worth of pressure, max. I have had to replace several sockets that were broken from the owners forcing in the wrong size plug, "But it had 8(or 6) pins"

Some of those sockets are "No Longer Available"

Clif

--- In TS-850_450_690@yahoogroups.com, Thomas Jones <n8nma@...> wrote:
>
> I think the 8 pin may work if you remove some of the
> pins...it is a 6 pin din. Got mine from mouser. I use
> the 232 level converter on the Ham Radio Deluxe page.
> Uses 3 resistors , 3 diodes, and a dual optocoupler.
> Works on mine....73....Tom N8NMA
>
>
> --- kdrosenlund <kdrosenlund@...> wrote:
>
> >
> > Thanks for the reply. I need to order a new one from
> > Universal Radio
> > or somebody else though. All Mac here, no Commodore!
> > I emailed them about it and they
> > said that Kenwood uses a different pin spacing than
> > normal, but they sent me the part
> > number for an 8-pin plug. Go figure.
> >
> >
> >
> > --- In TS-850_450_690@yahoogroups.com, "ve3wej
> > gmail" <ve3wej@> wrote:
> > >
> > > the interface cable is a 6 pin din, same cable as
> > a floppy drive for a commodore 64
> > >
> > > this goes into the if-232c.
> > >
> > >
> > > VE3WEJ
> > > Dave Garber
> > >

> > > 10-X # 23465
> > > echolink # 52852
> > > irlp node 2202
> > > email ve3wej@
> > > ----- Original Message -----
> > > From: kdrosenlund
> > > To: TS-850_450_690@yahoogroups.com
> > > Sent: Tuesday, September 25, 2007 7:51 PM
> > > Subject: [TS-850_450_690] TS-850S ACC1 DIN plug
> > and interface
> > >
> > >
> > >
> > > I was trying to find a DIN plug for the computer
> > interface
> > > using the ACC1 jack on my 850.
> > >
> > > Are these standard DIN pin layouts? I could use
> > one.
> > > I found a DB-9 cable
> > > to solder to it.
> > >
> > > Has anyone tried the simple computer interface
> > with
> > > just a zener diode and a resistor that's found
> > on the net?
> > >
> > > Thanks,
> > > Kit
> > > http://members.dslextreme.com/users/kdrosenlund/
> > >
> > >
> > >
> > >
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> > > [Non-text portions of this message have been
> > removed]
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> Take the Internet to Go: Yahoo!Go puts the Internet in your pocket:
mail, news, photos & more.
> http://mobile.yahoo.com/go?refer=1GNXIC

>

6326. Re: TS-850S ACc1 DIN plug and interface

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-09-26 15:43:36 UTC
From: Janez Celarc
Topic: 6326 Message: 6326

Hi, the inteface with the zenner diode and
resistor works on my Laptop connected to
COM1. Works with N1MM and HamRadioDeluxe
v3.5 build 1510 (WIN 98SE) quite some time now.
Also made few of this interfaces and all of
them works on Knwd-850 and 950, not sure
(not tested) on others.

Just to be sure, I'm talking about K6LL
version of the interface found on www.mods.dk.

GL de Janez S51DX

73 es DX de Janez S51DX

Primary e-mail : s51dx@...
URL : http://www.qsl.net/s51dx/

_____
Don't let your dream ride pass you by. Make it a reality with Yahoo! Autos.
http://autos.yahoo.com/index.html

6327. Re: TS-850S ACC1 DIN plug and interface

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-09-26 15:42:50 UTC
From: ve3tmt
Topic: 6319 Message: 6327

--- In TS-850_450_690@yahoogroups.com, "kdrosenlund" <kdrosenlund@...>
wrote:
>
>
> Thanks for the reply. I need to order a new one from Universal Radio
> or somebody else though. All Mac here, no Commodore! I emailed them
about it and they
> said that Kenwood uses a different pin spacing than normal, but they
sent me the part
> number for an 8-pin plug. Go figure.

I have a spare if you need it. I built my interface on a small board
and mounted it inside my 850.

Max
VE3TMT

6328. Re: TS-850S ACC1 DIN plug and interface

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-09-27 01:44:30 UTC
From: kdrosenlund
Topic: 6319 Message: 6328

Thanks everyone for your help. Sure Max, I'll take your spare, sounds easier
than cutting a pin off one.

I can't wait to get computer control on my Kenwood,
it'll be easy to manage all those channels for one thing!
Your idea sounds good, maybe I should put my simple interface inside.

How much do you want me to send (green stamps?) for your spare plug?

Thanks,
Kit

> I have a spare if you need it. I built my interface on a small board
> and mounted it inside my 850.
>
> Max
> VE3TMT
>

6329. Re: [TS-850_450_690] Re: TS690

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-09-27 04:26:56 UTC
From: Rupert Walford
Topic: 6308 Message: 6329

Cliff
checked the voltages as u suggested they r all ok,decided to unplug the board below the speaker and immediatley the display came up so i assume the problem is on that board,i am hoping a friend with more electronic know how can figure out what is the problem with the board and if it can be repaiired.
Rupert----- Original Message -----
From: Clif
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, September 25, 2007 7:38 AM
Subject: [TS-850_450_690] Re: TS690

Go to the final unit. There are 4 supply voltages that come from it.
Locate CN2 (8 pin connector) and measure the voltages on it. Pins
1,2,3 should be 14v, Pin 4 8v, Pin 5 5v, Pin 6 8v, Pin 7,8 are Gnd.

The 2 8v lines are from different regulators so they must both be
there. See if any of those are dropping. If so there is probably
something on the line pulling the regulator down, very seldom do the
regulators go out. Also the 3 regulators are thermally protected. If
they are not attached to the heatsink they will overheat and turn off.

Clif

--- In TS-850_450_690@yahoogroups.com, "Rupert Walford" <elvyn@...> wrote:
>
> Cliff,
> Tnx 4 help so far,here is what i have noticed ,u turn on the rig the
display comes up then goes off,as it goes off the TX light comes on
faintly and stays on till u turn off back the rig,the fan keeps
running until the rig is also turned off.here is hoping with this
more info u can figure out whats the problem.
> Rupert
> ----- Original Message -----
> From: Clif
> To: TS-850_450_690@yahoogroups.com
> Sent: Monday, September 24, 2007 6:45 PM
> Subject: [TS-850_450_690] Re: TS690
>
>
> How about after the power switch? I've just recently seen a bad switch
> that just would not pass enough current to keep the radio going in RX.
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "Rupert Walford" <elvyn@>
wrote:

> >
> > Checked the voltage as u suggested inside the rig it checked out at
> 13.4 volts going to the power switch,any other suggestions
> > Rupert
> > 6y5rw
> > ----- Original Message -----
> > From: Clif
> > To: TS-850_450_690@yahoogroups.com
> > Sent: Sunday, September 23, 2007 12:26 PM
> > Subject: [TS-850_450_690] Re: TS690
> >
> >
> > Measure the voltage inside the radio. The power cord could be
fine on
> > the 850 but not working on the 450.
> >
> > Clif
> >
> > --- In TS-850_450_690@yahoogroups.com, "Rupert Walford" <elvyn@>
> wrote:
> > >
> > >
> > > hope someone can help me with this problem,when i turn on my
690 it
> > powers up ok but in a few seconds the display goes dim and the radio
> > shuts off making a funny sound like its starving 4 power,not a power
> > supply problem 4 my 850 works fine.
> > > Shipping from Jamaica is awful expensive so if its a simple
problem
> > that i can handle i would rather do it that way.
> > > Thanks
> > > Rupert Walford 6y5rw
> > >
> > > [Non-text portions of this message have been removed]
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> > No virus found in this incoming message.
> > Checked by AVG Free Edition.
> > Version: 7.5.485 / Virus Database: 269.13.28/1021 - Release Date:
> 9/21/2007 2:02 PM
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> No virus found in this incoming message.
> Checked by AVG Free Edition.
> Version: 7.5.488 / Virus Database: 269.13.30/1027 - Release Date:
9/24/2007 11:27 AM
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> [Non-text portions of this message have been removed]
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No virus found in this incoming message.
Checked by AVG Free Edition.
Version: 7.5.488 / Virus Database: 269.13.30/1027 - Release Date: 9/24/2007 11:27 AM

[Non-text portions of this message have been removed]

6331. TS-690 Filter Questions

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-09-27 10:28:31 UTC
From: spstrock
Topic: 6331 Message: 6331

Greetings to all.....

I just upgraded from a TS-440 to a TS-690. The filter choices in the TS-440 were very straight forward and I had installed the narrow SSB and narrow CW. Now with the TS-690, that came with no filters installed, there is an additional slot for a 445CW filter. This is new to me and I am not sure if I understand it completely and the manual is not very clear. Do I install a CW in either the 8.83 slot OR the 455 - or both? What, if any, benefit is there to the 455 slot? I see the filter pricing from Inrad is significantly higher for the 455. Should I install two different width filters, 1 in the 8.83 and 1 in the 455??

A simple explanation/recommendation would be greatly appreciated.

Thank You in advance

Stephen / WA2FDU

6334. TS-690SAT With 3 Filters For Sale Update

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-09-27 16:10:47 UTC
From: caludaj@charter.net
Topic: 6319 Message: 6334

I am getting ready to list it on ebay. Please feel free to make me an offer.
You can check my ebay feedback as 100% with username joec14.
Thanks
Joe AA5HP

---- caludaj@... wrote:
> I have a Mint TS-690SAT with the antenna tuner and 3 Filters installed.
> The Filters are the YK-88SN-1, The YK- 88C-1, and the YG455C-1.
> The transceiver is in beautiful condition.
> I thought I would post here before I put it up on ebay.
> I am asking $900.00 plus shipping.
> Please contact me at caludaj@... if interested.
> Thanks
> Joe AA5HP
>

6335. Re: TS-690 Filter Questions

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-09-28 03:04:03 UTC
From: Richard Ferch
Topic: 6331 Message: 6335

The 455 kHz filter is more expensive because they are more expensive to manufacture. However, in my view the extra expense is worth it for the better shape factor (steeper filter skirts). On the other hand, the 8.83 MHz is earlier in the amplification chain and thus it is better at cutting down on AGC pumping from very strong nearby signals. The combination of both works better in crowded (e.g. contest) conditions than either one on its own.

With both installed, I find two different combinations useful:

8.83 MHz only when I want "soft" skirts to hear what's going on nearby (e.g. when CQing); or

8.83 MHz and 455 kHz when I want better rejection (e.g. when trying to work a weak signal through QRM).

73,
Rich VE3KI

--- In TS-850_450_690@yahoogroups.com, "spstrock" <sstrock@...> wrote:
>
> Greetings to all.....
>
> I just upgraded from a TS-440 to a TS-690. The filter choices in
the
> TS-440 were very straight forward and I had installed the narrow SSB
> and narrow CW. Now with the TS-690, that came with no filters
> installed, there is an additional slot for a 445CW filter. This is
> new to me and I am not sure if I understand it completely and the
> manual is not very clear. Do I install a CW in either the 8.83
slot
> OR the 455 - or both? What, if any, benefit is there to the 455
slot?
> I see the filter pricing from Inrad is significantly higher for the
> 455. Should I install two different width filters, 1 in the 8.83
and
> 1 in the 455??
>
> A simple explanation/recommendation would be greatly appreciated.
>
> Thank You in advance
>
> Stephen / WA2FDU
>

6336. Re: [TS-850_450_690] Re: TS690

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-09-28 15:10:59 UTC
From: Rupert Walford
Topic: 6308 Message: 6336

Got the disappearing display corrected problem was a shorted 5 volt line,but now as soon as u power up the rig after about 4 seconds the tx light comes on both fans start runnung and there is no tx or rx,hope u can help
Rupert----- Original Message -----
From: Clif
To: TS-850_450_690@yahoogroups.com
Sent: Monday, September 24, 2007 6:45 PM
Subject: [TS-850_450_690] Re: TS690

How about after the power switch? I've just recently seen a bad switch
that just would not pass enough current to keep the radio going in RX.

Clif

--- In TS-850_450_690@yahoogroups.com, "Rupert Walford" <elvyn@...> wrote:
>
> Checked the voltage as u suggested inside the rig it checked out at
13.4 volts going to the power switch,any other suggestions
> Rupert
> 6y5rw
> ----- Original Message -----
> From: Clif
> To: TS-850_450_690@yahoogroups.com
> Sent: Sunday, September 23, 2007 12:26 PM
> Subject: [TS-850_450_690] Re: TS690
>
>
> Measure the voltage inside the radio. The power cord could be fine on
> the 850 but not working on the 450.
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "Rupert Walford" <elvyn@>
wrote:
> >
> >
> > hope someone can help me with this problem,when i turn on my 690 it
> powers up ok but in a few seconds the display goes dim and the radio
> shuts off making a funny sound like its starving 4 power,not a power
> supply problem 4 my 850 works fine.
> > Shipping from Jamaica is awful expensive so if its a simple problem
> that i can handle i would rather do it that way.
> > Thanks
> > Rupert Walford 6y5rw
> >
> > [Non-text portions of this message have been removed]

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> No virus found in this incoming message.
> Checked by AVG Free Edition.
> Version: 7.5.485 / Virus Database: 269.13.28/1021 - Release Date:
9/21/2007 2:02 PM
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No virus found in this incoming message.
Checked by AVG Free Edition.
Version: 7.5.488 / Virus Database: 269.13.30/1027 - Release Date: 9/24/2007 11:27 AM

[Non-text portions of this message have been removed]

6337. Re: TS690

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-10-01 16:48:45 UTC
From: Clif
Topic: 6308 Message: 6337

You now have gotten down to a digital problem. Good luck is all I can say.

Clif

--- In TS-850_450_690@yahoogroups.com, "Rupert Walford" <elvyn@...> wrote:
>
> Got the disappearing display corrected problem was a shorted 5 volt
line,but now as soon as u power up the rig after about 4 seconds the
tx light comes on both fans start runnung and there is no tx or
rx,hope u can help
> Rupert----- Original Message -----
> From: Clif
> To: TS-850_450_690@yahoogroups.com
> Sent: Monday, September 24, 2007 6:45 PM
> Subject: [TS-850_450_690] Re: TS690
>
>
> How about after the power switch? I've just recently seen a bad switch
> that just would not pass enough current to keep the radio going in RX.
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "Rupert Walford" <elvyn@>
wrote:
> >
> > Checked the voltage as u suggested inside the rig it checked out at
> 13.4 volts going to the power switch,any other suggestions
> > Rupert
> > 6y5rw
> > ----- Original Message -----
> > From: Clif
> > To: TS-850_450_690@yahoogroups.com
> > Sent: Sunday, September 23, 2007 12:26 PM
> > Subject: [TS-850_450_690] Re: TS690
> >
> >
> > Measure the voltage inside the radio. The power cord could be
fine on
> > the 850 but not working on the 450.
> >
> > Clif
> >
> > --- In TS-850_450_690@yahoogroups.com, "Rupert Walford" <elvyn@>
> wrote:
> > >

> > >
> > > hope someone can help me with this problem,when i turn on my
690 it
> > powers up ok but in a few seconds the display goes dim and the radio
> > shuts off making a funny sound like its starving 4 power,not a power
> > supply problem 4 my 850 works fine.
> > > Shipping from Jamaica is awful expensive so if its a simple
problem
> > that i can handle i would rather do it that way.
> > > Thanks
> > > Rupert Walford 6y5rw
> > >
> > > [Non-text portions of this message have been removed]
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> 9/21/2007 2:02 PM
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> No virus found in this incoming message.
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> Version: 7.5.488 / Virus Database: 269.13.30/1027 - Release Date:
9/24/2007 11:27 AM
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> [Non-text portions of this message have been removed]
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6338. Re: [TS-850_450_690] Re: TS690

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-10-02 02:28:22 UTC
From: Rupert Walford
Topic: 6308 Message: 6338

Clif is it ok to ship this rig to u 4 repairs seeing i do not where to go with regards to the digital problem u mentioned.
Rupert 6y5rw
----- Original Message -----
From: Clif
To: TS-850_450_690@yahoogroups.com
Sent: Monday, October 01, 2007 8:48 AM
Subject: [TS-850_450_690] Re: TS690

You now have gotten down to a digital problem. Good luck is all I can say.

Clif

--- In TS-850_450_690@yahoogroups.com, "Rupert Walford" <elvyn@...> wrote:
>
> Got the disappearing display corrected problem was a shorted 5 volt line,but now as soon as u power up the rig after about 4 seconds the tx light comes on both fans start runnung and there is no tx or rx,hope u can help
> Rupert----- Original Message -----
> From: Clif
> To: TS-850_450_690@yahoogroups.com
> Sent: Monday, September 24, 2007 6:45 PM
> Subject: [TS-850_450_690] Re: TS690
>
>
> How about after the power switch? I've just recently seen a bad switch
> that just would not pass enough current to keep the radio going in RX.
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "Rupert Walford" <elvyn@> wrote:
> >
> > Checked the voltage as u suggested inside the rig it checked out at
> 13.4 volts going to the power switch,any other suggestions
> > Rupert
> > 6y5rw
> > ----- Original Message -----
> > From: Clif
> > To: TS-850_450_690@yahoogroups.com
> > Sent: Sunday, September 23, 2007 12:26 PM
> > Subject: [TS-850_450_690] Re: TS690
> >
> >
> > Measure the voltage inside the radio. The power cord could be

fine on
> > the 850 but not working on the 450.
> >
> > Clif
> >
> > --- In TS-850_450_690@yahoogroups.com, "Rupert Walford" <elvyn@>
> wrote:
> > >
> > >
> > > hope someone can help me with this problem,when i turn on my
690 it
> > powers up ok but in a few seconds the display goes dim and the radio
> > shuts off making a funny sound like its starving 4 power,not a power
> > supply problem 4 my 850 works fine.
> > > Shipping from Jamaica is awful expensive so if its a simple
problem
> > that i can handle i would rather do it that way.
> > > Thanks
> > > Rupert Walford 6y5rw
> > >
> > > [Non-text portions of this message have been removed]
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> > No virus found in this incoming message.
> > Checked by AVG Free Edition.
> > Version: 7.5.485 / Virus Database: 269.13.28/1021 - Release Date:
> 9/21/2007 2:02 PM
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> No virus found in this incoming message.
> Checked by AVG Free Edition.
> Version: 7.5.488 / Virus Database: 269.13.30/1027 - Release Date:
9/24/2007 11:27 AM
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No virus found in this incoming message.
Checked by AVG Free Edition.
Version: 7.5.488 / Virus Database: 269.13.35/1040 - Release Date: 9/30/2007 9:01 PM

[Non-text portions of this message have been removed]

6339. RIGblaster Pro and TS-450S CW issue!

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-10-02 23:52:39 UTC
From: ki4wej
Topic: 6339 Message: 6339

Just hooked up my RIGblaster Pro to a TS-450S the only problem I have run into so far was when TX SSTV using MMSTV there seems to be a CW carrier also being TX. I unplugged the CW patch cable and it stopped. When I'm TX SSTV both the PTT and CW led both light up. What the, is going on? It seems the computer is trying to key the CW as well.

6340. Re: [TS-850_450_690] RIGblaster Pro and TS-450S CW issue!

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-10-03 00:58:53 UTC
From: ve3wej gmail
Topic: 6339 Message: 6340

check your dtr/rts settings....mmsstv may need rts, but dtr is used for cw line (thats how they separate the 2 in one unit.... try turning one off until you find which stops the cw

VE3WEJ
Dave Garber

10-X # 23465
echolink # 52852
irlp node 2202
email ve3wej@...
----- Original Message -----
From: ki4wej
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, October 02, 2007 7:52 PM
Subject: [TS-850_450_690] RIGblaster Pro and TS-450S CW issue!

Just hooked up my RIGblaster Pro to a TS-450S the only problem I have run into so far was when TX SSTV using MMSTV there seems to be a CW carrier also being TX. I unplugged the CW patch cable and it stopped. When I'm TX SSTV both the PTT and CW led both light up. What the, is going on? It seems the computer is trying to key the CW as well.

[Non-text portions of this message have been removed]

6341. Re: TS690

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-10-03 01:08:06 UTC
From: Clif
Topic: 6308 Message: 6341

I'll pass, I quit arguing with customs a long time ago. I limit my
repairs to stateside.

--- In TS-850_450_690@yahoogroups.com, "Rupert Walford" <elvyn@...> wrote:
>
> Clif is it ok to ship this rig to u 4 repairs seeing i do not where
to go with regards to the digital problem u mentioned.
> Rupert 6y5rw
> ----- Original Message -----
> From: Clif
> To: TS-850_450_690@yahoogroups.com
> Sent: Monday, October 01, 2007 8:48 AM
> Subject: [TS-850_450_690] Re: TS690
>
>
> You now have gotten down to a digital problem. Good luck is all I
can say.
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "Rupert Walford" <elvyn@>
wrote:
> >
> > Got the disappearing display corrected problem was a shorted 5 volt
> line,but now as soon as u power up the rig after about 4 seconds the
> tx light comes on both fans start runnung and there is no tx or
> rx,hope u can help
> > Rupert----- Original Message -----
> > From: Clif
> > To: TS-850_450_690@yahoogroups.com
> > Sent: Monday, September 24, 2007 6:45 PM
> > Subject: [TS-850_450_690] Re: TS690
> >
> >
> > How about after the power switch? I've just recently seen a bad
switch
> > that just would not pass enough current to keep the radio going
in RX.
> >
> > Clif
> >
> > --- In TS-850_450_690@yahoogroups.com, "Rupert Walford" <elvyn@>
> wrote:
> > >
> > > Checked the voltage as u suggested inside the rig it checked

out at
> > 13.4 volts going to the power switch,any other suggestions
> > > Rupert
> > > 6y5rw
> > > ----- Original Message -----
> > > From: Clif
> > > To: TS-850_450_690@yahoogroups.com
> > > Sent: Sunday, September 23, 2007 12:26 PM
> > > Subject: [TS-850_450_690] Re: TS690
> > >
> > >
> > > Measure the voltage inside the radio. The power cord could be
> fine on
> > > the 850 but not working on the 450.
> > >
> > > Clif
> > >
> > > --- In TS-850_450_690@yahoogroups.com, "Rupert Walford" <elvyn@>
> > wrote:
> > > >
> > > >
> > > > hope someone can help me with this problem,when i turn on my
> 690 it
> > > > powers up ok but in a few seconds the display goes dim and the
radio
> > > > shuts off making a funny sound like its starving 4 power,not a
power
> > > > supply problem 4 my 850 works fine.
> > > > Shipping from Jamaica is awful expensive so if its a simple
> problem
> > > > that i can handle i would rather do it that way.
> > > > Thanks
> > > > Rupert Walford 6y5rw
> > > >
> > > > [Non-text portions of this message have been removed]
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> > Version: 7.5.488 / Virus Database: 269.13.30/1027 - Release Date:
> 9/24/2007 11:27 AM
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> No virus found in this incoming message.
> Checked by AVG Free Edition.
> Version: 7.5.488 / Virus Database: 269.13.35/1040 - Release Date:
9/30/2007 9:01 PM
>
>
> [Non-text portions of this message have been removed]
>

6342. DIN plug pins

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-10-05 01:47:51 UTC
From: kdrosenlund
Topic: 6342 Message: 6342

Hi everyone,

To get my new Kenwood 850 hooked to my computer,
I tried the simple computer interface (zener diode+resistor) and spliced a DB9
cable to the Kenwood ACC1 DIN plug that Max so graciously provided.

The DB9 connector goes to a USB adapter with the Prolific chipset.
That goes to my Mac G4 running MacloggerDX.

There is no communication at all. Let me see if the pins on the
ACC1 plug are right. When you look at the pin (plug-in) end of the
connector, pin 1 is in the one o'clock position, and 2 is right below it.

Right?

-Kit KG6PHS

6343. Re: DIN plug pins

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-10-05 02:07:40 UTC
From: ve3tmt
Topic: 6342 Message: 6343

Hi Kit,

Glad to hear the connector arrived. Looking at the back of the 850, pin 1 is in the lower left (7 o'clock position) From left to right it is pin 1, pin 2, pin 3 is top center, pin 4, pin 5, at 5 o'clock and pin 6 in the middle, not used. I have the IF232 manual if you want me to e-mail it to you.

Max

6344. Re: DIN plug pins

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-10-05 11:53:41 UTC
From: Janez Celarc
Topic: 6342 Message: 6344

Hi!
I use such interface, I suggest you to try with the
Ham Radio Deluxe, in the radio setup must be:

Company: Kenwood
Radio: TS-850
COM Port: COM1
Speed: 4800

CTS (Not checked)
RTS (checked)

Press Connect (radio must be on).

Also try with N1MM Logger:
In main window, config, configure ports:
Port: Kenwood, (press set):
Speed 4800, Parity N, Databits 8, Stop bits 2
DTR (pin4) Always on
RTS (pin7) Always on
Press OK.

I'm sure that those CTS and RTS are set wrong,
and if they are then the radio will not respond.

I hope this helps.

GL de Janez S51DX

73 es DX de Janez S51DX

Primary e-mail : s51dx@...
URL : http://www.qsl.net/s51dx/

_____
Building a website is a piece of cake. Yahoo! Small Business gives you all the tools to get online.
http://smallbusiness.yahoo.com/webhosting

6345. Re: DIN plug pins

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-10-05 14:50:06 UTC
From: kdrosenlund
Topic: 6342 Message: 6345

Hi Max,

I think I'm more confused. Looking at the jack on the back of the 850, the notch is at the top. Isn't pin one next to the notch? Wouldn't pin one be either one o'clock or eleven o'clock?

Thanks, Kit

--- In TS-850_450_690@yahoogroups.com, "ve3tmt" <ve3tmt@...> wrote:
>
> Hi Kit,
>
> Glad to hear the connector arrived. Looking at the back of the 850,
> pin 1 is in the lower left (7 o'clock position) From left to right it
> is pin 1, pin 2, pin 3 is top center, pin 4, pin 5, at 5 o'clock and
> pin 6 in the middle, not used. I have the IF232 manual if you want me
> to e-mail it to you.
>
> Max
>

6346. KENWOOD TS-850SAT & DSP-100 COMBO

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-10-05 15:08:39 UTC
From: n2len
Topic: 6346 Message: 6346

I HAVE THE FOLLOWING TO TRADE!
KENWOOD TS-850SAT LOADED/WITH MANUAL
OVER $1700.00 INVESTED
QUICK INTERNAL ANTENNA TUNER
OPTIONAL FILTERS NEWLY INSTALLED
KENWOOD YK-88S1 SSB FILTER
KENWOOD YK-88C1 CW FILTER
NEW MATCH PAIR
INRAD #94 8830.0 KHZ 2.1 SSB FILTER
INRAD #96 455.0 KHZ 2.1 SSB FILTER
KENWOOD DRU-2 RARE DIGITAL VOICE RECORDER
MATCHING SP-31 EXTERNAL SPEAKER SWITCHABLE FILTERING/BOX MANUAL
"AS NEW" MINT VERY RARE IN THIS CONDITION
KENWOOD DSP-100 EXTERNAL DIGITAL SIGNAL PROCESSOR/BOX MANUAL/ALL
INTERCONNECTING CABLES
LOOKING FOR A YAESU FT-1000MP , MKV, TS-2000X, 2KW AMPLIFIER?
WHAT DO YOU HAVE TO TRADE? WILL ACCEPT ANY FAIR OFFER!
I WILL SELL THE DSP-100 SEPARATELY OR TRADE FOR A FT-100D, 706MK2G,
FT-857D
THANK YOU
E-MAIL TO:
N2LEN at AOL.COM

6347. Re: DIN plug pins

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-10-05 15:27:42 UTC
From: ve3tmt
Topic: 6342 Message: 6347

--- In TS-850_450_690@yahoogroups.com, "kdrosenlund" <kdrosenlund@...>
wrote:

> Hi Max,

I think I'm more confused. Looking at the jack on the back of the 850,
the notch is at the top. Isn't pin one next to the notch? Wouldn't pin
one be either one o'clock or eleven o'clock?

Hi Kit,

Sorry, I see now the pinout in the IF232 book is upside down. Looking
at the back of the radio, pin one is in the top right. Pin 2 below,
pin 3 bottom middle, then pin 5 and pin 5 in the top left.

!!!!

Max

6348. Re: [TS-850_450_690] Re: TS690

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-10-08 16:08:15 UTC
From: Rupert Walford
Topic: 6308 Message: 6348

Cliff,
looking for a board for the 690 the # is X50-3160-00 i think its the carrier board .
Rupert 6y5rw
----- Original Message -----
From: Clif
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, October 02, 2007 5:08 PM
Subject: [TS-850_450_690] Re: TS690

I'll pass, I quit arguing with customs a long time ago. I limit my
repairs to stateside.

--- In TS-850_450_690@yahoogroups.com, "Rupert Walford" <elvyn@...> wrote:
>
> Clif is it ok to ship this rig to u 4 repairs seeing i do not where
to go with regards to the digital problem u mentioned.
> Rupert 6y5rw
> ----- Original Message -----
> From: Clif
> To: TS-850_450_690@yahoogroups.com
> Sent: Monday, October 01, 2007 8:48 AM
> Subject: [TS-850_450_690] Re: TS690
>
>
> You now have gotten down to a digital problem. Good luck is all I
can say.
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "Rupert Walford" <elvyn@>
wrote:
> >
> > Got the disappearing display corrected problem was a shorted 5 volt
> line,but now as soon as u power up the rig after about 4 seconds the
> tx light comes on both fans start runnung and there is no tx or
> rx,hope u can help
> > Rupert----- Original Message -----
> > From: Clif
> > To: TS-850_450_690@yahoogroups.com
> > Sent: Monday, September 24, 2007 6:45 PM
> > Subject: [TS-850_450_690] Re: TS690
> >
> >
> > How about after the power switch? I've just recently seen a bad
switch

> > that just would not pass enough current to keep the radio going
in RX.
> >
> > Clif
> >
> > --- In TS-850_450_690@yahoogroups.com, "Rupert Walford" <elvyn@>
> wrote:
> > >
> > > Checked the voltage as u suggested inside the rig it checked
out at
> > 13.4 volts going to the power switch,any other suggestions
> > > Rupert
> > > 6y5rw
> > > ----- Original Message -----
> > > From: Clif
> > > To: TS-850_450_690@yahoogroups.com
> > > Sent: Sunday, September 23, 2007 12:26 PM
> > > Subject: [TS-850_450_690] Re: TS690
> > >
> > >
> > > Measure the voltage inside the radio. The power cord could be
> fine on
> > > the 850 but not working on the 450.
> > >
> > > Clif
> > >
> > > --- In TS-850_450_690@yahoogroups.com, "Rupert Walford" <elvyn@>
> > wrote:
> > > >
> > > >
> > > > hope someone can help me with this problem,when i turn on my
> 690 it
> > > powers up ok but in a few seconds the display goes dim and the
radio
> > > shuts off making a funny sound like its starving 4 power,not a
power
> > > supply problem 4 my 850 works fine.
> > > > Shipping from Jamaica is awful expensive so if its a simple
> problem
> > > that i can handle i would rather do it that way.
> > > > Thanks
> > > > Rupert Walford 6y5rw
> > > >
> > > > [Non-text portions of this message have been removed]
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> > > No virus found in this incoming message.
> > > Checked by AVG Free Edition.
> > > Version: 7.5.485 / Virus Database: 269.13.28/1021 - Release Date:
> > 9/21/2007 2:02 PM
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> > > [Non-text portions of this message have been removed]
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> >
> > No virus found in this incoming message.
> > Checked by AVG Free Edition.
> > Version: 7.5.488 / Virus Database: 269.13.30/1027 - Release Date:
> 9/24/2007 11:27 AM
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> > [Non-text portions of this message have been removed]
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> No virus found in this incoming message.
> Checked by AVG Free Edition.
> Version: 7.5.488 / Virus Database: 269.13.35/1040 - Release Date:
9/30/2007 9:01 PM
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>
> [Non-text portions of this message have been removed]
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No virus found in this incoming message.
Checked by AVG Free Edition.
Version: 7.5.488 / Virus Database: 269.13.35/1040 - Release Date: 9/30/2007 9:01 PM

[Non-text portions of this message have been removed]

6349. Re: TS690

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-10-08 20:11:47 UTC
From: Clif
Topic: 6308 Message: 6349

I don't have one and they have been discontinued by Kenwood.

Clif

--- In TS-850_450_690@yahoogroups.com, "Rupert Walford" <elvyn@...> wrote:
>
> Cliff,
> looking for a board for the 690 the # is X50-3160-00 i think its the
carrier board .
> Rupert 6y5rw
> ----- Original Message -----
> From: Clif
> To: TS-850_450_690@yahoogroups.com
> Sent: Tuesday, October 02, 2007 5:08 PM
> Subject: [TS-850_450_690] Re: TS690
>
>
> I'll pass, I quit arguing with customs a long time ago. I limit my
> repairs to stateside.
>
> --- In TS-850_450_690@yahoogroups.com, "Rupert Walford" <elvyn@>
wrote:
> >
> > Clif is it ok to ship this rig to u 4 repairs seeing i do not where
> to go with regards to the digital problem u mentioned.
> > Rupert 6y5rw
> > ----- Original Message -----
> > From: Clif
> > To: TS-850_450_690@yahoogroups.com
> > Sent: Monday, October 01, 2007 8:48 AM
> > Subject: [TS-850_450_690] Re: TS690
> >
> >
> > You now have gotten down to a digital problem. Good luck is all I
> can say.
> >
> > Clif
> >
> > --- In TS-850_450_690@yahoogroups.com, "Rupert Walford" <elvyn@>
> wrote:
> > >
> > > Got the disappearing display corrected problem was a shorted 5
volt
> > line,but now as soon as u power up the rig after about 4 seconds the
> > tx light comes on both fans start runnung and there is no tx or

> > rx,hope u can help
> > > Rupert----- Original Message -----
> > > From: Clif
> > > To: TS-850_450_690@yahoogroups.com
> > > Sent: Monday, September 24, 2007 6:45 PM
> > > Subject: [TS-850_450_690] Re: TS690
> > >
> > >
> > > How about after the power switch? I've just recently seen a bad
> switch
> > > that just would not pass enough current to keep the radio going
> in RX.
> > >
> > > Clif
> > >
> > > --- In TS-850_450_690@yahoogroups.com, "Rupert Walford" <elvyn@>
> > wrote:
> > > >
> > > > Checked the voltage as u suggested inside the rig it checked
> out at
> > > > 13.4 volts going to the power switch,any other suggestions
> > > > Rupert
> > > > 6y5rw
> > > > ----- Original Message -----
> > > > From: Clif
> > > > To: TS-850_450_690@yahoogroups.com
> > > > Sent: Sunday, September 23, 2007 12:26 PM
> > > > Subject: [TS-850_450_690] Re: TS690
> > > >
> > > >
> > > > Measure the voltage inside the radio. The power cord could be
> > fine on
> > > > the 850 but not working on the 450.
> > > >
> > > > Clif
> > > >
> > > > --- In TS-850_450_690@yahoogroups.com, "Rupert Walford" <elvyn@>
> > > wrote:
> > > > >
> > > > >
> > > > > hope someone can help me with this problem,when i turn on my
> > 690 it
> > > > > powers up ok but in a few seconds the display goes dim and the
> radio
> > > > > shuts off making a funny sound like its starving 4 power,not a
> power
> > > > > supply problem 4 my 850 works fine.
> > > > > Shipping from Jamaica is awful expensive so if its a simple
> > problem
> > > > > that i can handle i would rather do it that way.

> > > > > Thanks
> > > > > Rupert Walford 6y5rw
> > > > >
> > > > > [Non-text portions of this message have been removed]
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> > > > No virus found in this incoming message.
> > > > Checked by AVG Free Edition.
> > > > Version: 7.5.485 / Virus Database: 269.13.28/1021 - Release
Date:
> > > 9/21/2007 2:02 PM
> > > >
> > > >
> > > > [Non-text portions of this message have been removed]
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> > > No virus found in this incoming message.
> > > Checked by AVG Free Edition.
> > > Version: 7.5.488 / Virus Database: 269.13.30/1027 - Release Date:
> > 9/24/2007 11:27 AM
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> > > [Non-text portions of this message have been removed]
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> > No virus found in this incoming message.
> > Checked by AVG Free Edition.
> > Version: 7.5.488 / Virus Database: 269.13.35/1040 - Release Date:
> 9/30/2007 9:01 PM
> >
> >
> > [Non-text portions of this message have been removed]
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>
> No virus found in this incoming message.
> Checked by AVG Free Edition.
> Version: 7.5.488 / Virus Database: 269.13.35/1040 - Release Date:
9/30/2007 9:01 PM
>
>
> [Non-text portions of this message have been removed]
>

6350. Re: [TS-850_450_690] Re: TS690

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-10-08 21:42:09 UTC
From: Colin Thomson
Topic: 6308 Message: 6350

Hi Rupert,

On 08/10/2007, Rupert Walford <elvyn@...> wrote:

> looking for a board for the 690 the # is X50-3160-00 i think its the carrier board .
> Rupert 6y5rw

East Coast transistor show that they have that, have dealt with them
many times for parts for my TS850.

http://www.kenwoodparts.com

73 Colin - G6AVK

6351. Re: [TS-850_450_690] Re: TS690

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-10-08 21:55:45 UTC
From: Colin Thomson
Topic: 6308 Message: 6351

On 08/10/2007, Colin Thomson <colinjt@...> wrote:
> Hi Rupert,
>
> On 08/10/2007, Rupert Walford <elvyn@...> wrote:
>
> > looking for a board for the 690 the # is X50-3160-00 i think its the carrier board .
> > Rupert 6y5rw
>
> East Coast transistor show that they have that, have dealt with them
> many times for parts for my TS850.
>
> http://www.kenwoodparts.com
>
> 73 Colin - G6AVK

Now that I put my Glasses on it is indeed discontinued,

Vry sorry for the noise

De Colin

6352. Kenwood TS-850S and Items For Sale

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-10-09 04:14:44 UTC
From: n2len
Topic: 6352 Message: 6352

Hello All,

I decided to part out my TS-850S Station.
E-bay Auctions:

KENWOOD TS-850SAT H.F. RADIO HAM TS-850S ANTENNA TUNER
Item number: 220158515785
KENWOOD DSP-100 FOR TS-850S TS-850SAT DSP100 HAM RADIO
Item number: 220158522591
KENWOOD DRU-2 TS-850S TS-950S DIGITAL RECORDING UNIT
Item number: 220158525297
KENWOOD SP-31 EXTERNAL SPEAKER TS-850S HAM RADIO TS-850
Item number: 220158527222
KENWOOD TS-850S TS-950S INRAD FILTERS 2.1 SSB HAM RADIO
Item number: 220158530376
KENWOOD TS-850S TS-950S CW FILTER YK-88C-1 HAM RADIO
Item number: 220158533760

Thank you kindly....

6353. CW Filter/PSK31

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-10-09 13:40:22 UTC
From: Rich & DJ
Topic: 6353 Message: 6353

I have a TS450S-AT . I have not been into CW since my novice days back in 78 so when I bought it new I did not get the extra CW filters. Now I have on order a SignaLink USB interface for PSK31 use and want to get into PSK31. My question is, for PSK31 would a filter be helpful and which one?

Rich , Kd0zz

[Non-text portions of this message have been removed]

6354. Re: [TS-850_450_690] Re: TS690

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-10-09 17:01:00 UTC
From: Rupert Walford
Topic: 6308 Message: 6354

Hi Colin.
Went to there website response was that it was discontinued item.
Rupert 6y5rw
----- Original Message -----
From: Colin Thomson
To: TS-850_450_690@yahoogroups.com
Cc: Rupert Walford
Sent: Monday, October 08, 2007 1:42 PM
Subject: Re: [TS-850_450_690] Re: TS690

Hi Rupert,

On 08/10/2007, Rupert Walford <elvyn@...> wrote:

> looking for a board for the 690 the # is X50-3160-00 i think its the carrier board .
> Rupert 6y5rw

East Coast transistor show that they have that, have dealt with them
many times for parts for my TS850.

http://www.kenwoodparts.com

73 Colin - G6AVK

No virus found in this incoming message.
Checked by AVG Free Edition.
Version: 7.5.488 / Virus Database: 269.14.4/1057 - Release Date: 10/8/2007 9:04 AM

[Non-text portions of this message have been removed]

6355. Re: [TS-850_450_690] CW Filter/PSK31

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-10-09 15:06:57 UTC
From: Zack Widup
Topic: 6353 Message: 6355

Yes, a filter would be very helpful. I'd recommend the INRAD
(ICE) filters -

http://www.qth.com/inrad/TS-450S.HTM

Either the 400 Hz or 250 Hz filters should be fine. You should have two
filters - one for the 8830 kHz IF and one for the 455 kHz IF, both at the
same bandwidth (whatever you choose). They're worth the money!

73, Zack W9SZ

On Tue, 9 Oct 2007, Rich & DJ wrote:

> I have a TS450S-AT . I have not been into CW since my novice days back in 78
> so when I bought it new I did not get the extra CW filters. Now I have on
> order a SignaLink USB interface for PSK31 use and want to get into PSK31. My
> question is, for PSK31 would a filter be helpful and which one?
>
> Rich , Kd0zz
>

6356. Re: CW Filter/PSK31

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-10-09 15:33:04 UTC
From: ve3tmt
Topic: 6353 Message: 6356

--- In TS-850_450_690@yahoogroups.com, "Rich & DJ" <rdj@...> wrote:
>
> I have a TS450S-AT . I have not been into CW since my novice days back in 78
> so when I bought it new I did not get the extra CW filters. Now I have on
> order a SignaLink USB interface for PSK31 use and want to get into PSK31. My
> question is, for PSK31 would a filter be helpful and which one?
>
> Rich , Kd0zz

For digital work a narrow filter is a definite must. I use 500 hz filters in both IF's in my 850 and the difference is like night and day. If you can put a second sound card in your computer there is another way that gives you more flexibility. The downside is at this level you are working with audio filtering, not IF filtering, so strong signals will hamper the softwares ability to read the signal.

Max
VE3TMT

6357. Re: [TS-850_450_690] CW Filter/PSK31

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-10-09 21:01:36 UTC
From: ve3wej gmail
Topic: 6353 Message: 6357

I find the tighter the filter, the less signals I see across the 3 khz spectrum., I keep my filters to 2.1 and narrow up from there only after I make contact on psk

I myself think the cw is too tight, but slope tuing on the 850 does a very nice job for me

VE3WEJ
Dave Garber

10-X # 23465
echolink # 52852
irlp node 2202
email ve3wej@...
----- Original Message -----
From: Rich & DJ
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, October 09, 2007 9:40 AM
Subject: [TS-850_450_690] CW Filter/PSK31

I have a TS450S-AT . I have not been into CW since my novice days back in 78 so when I bought it new I did not get the extra CW filters. Now I have on order a SignaLink USB interface for PSK31 use and want to get into PSK31. My question is, for PSK31 would a filter be helpful and which one?

Rich , Kd0zz

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

6358. Re: [TS-850_450_690] CW Filter/PSK31

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-10-10 01:33:01 UTC
From: Tom Osborne
Topic: 6353 Message: 6358

HI Rich

I have a '450SAT here and like it. If you are going to run PSK31, you will probably be running AFSK. Then you have to run it in the SSB postition. Probably 1.8kc would be the least you would be able to have and still be able to run SSB.

Most of the PSK operation is done with the filters pretty much open anyway as you can see a couple hundred kc's in the waterfall and just click on the signals anyway. 73
Tom W7WHY

>I have a TS450S-AT . I have not been into CW since my novice days back in
>78
> so when I bought it new I did not get the extra CW filters. Now I have on
> order a SignaLink USB interface for PSK31 use and want to get into PSK31.
> My
> question is, for PSK31 would a filter be helpful and which one?
>
> Rich , Kd0zz
>
>
>
>
>
> [Non-text portions of this message have been removed]
>
>
>
> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
>
>
>
>

6359. Re: CW Filter/PSK31

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-10-10 12:32:56 UTC
From: Richard Ferch
Topic: 6353 Message: 6359

The TS-850 lets you use CW (500 Hz or narrower) filters in SSB mode.
Doesn't the '450?

I use my SSB filters to see what is on the band while just tuning
around, but to make QSOs with anyone other than the strongest signals
on the band, I use narrow filters. A macro button in the digital mode
software can be used to retune the radio so the desired signal is in
the center of the narrow filter's bandpass.

73,
Rich VE3KI

--- In TS-850_450_690@yahoogroups.com, "Tom Osborne" <w7why@...>
wrote:
>
> HI Rich
>
> I have a '450SAT here and like it. If you are going to run PSK31,
you will
> probably be running AFSK. Then you have to run it in the SSB
postition.
> Probably 1.8kc would be the least you would be able to have and
still be
> able to run SSB.
>
> Most of the PSK operation is done with the filters pretty much open
anyway
> as you can see a couple hundred kc's in the waterfall and just
click on the
> signals anyway. 73
> Tom W7WHY
>
>
> >I have a TS450S-AT . I have not been into CW since my novice days
back in
> >78
> > so when I bought it new I did not get the extra CW filters. Now I
have on
> > order a SignaLink USB interface for PSK31 use and want to get
into PSK31.
> > My
> > question is, for PSK31 would a filter be helpful and which one?
> >
> > Rich , Kd0zz
> >
> >

> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
> >
> >
> > THANKS FOR USING TS-850_450_690@...
> > Yahoo! Groups Links
> >
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>

6360. Mobile mounting bracket for TS-690

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-10-10 13:35:04 UTC
From: ki4beo
Topic: 6360 Message: 6360

Does anyone have a mobile mounting bracket for the TS-690. I need one in order to mount radio in a console.

Thanks,
John, KI4BEO

6361. Re: [TS-850_450_690] Mobile mounting bracket for TS-690

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-10-10 14:50:09 UTC
From: eric
Topic: 6360 Message: 6361

If the 690 is the same size (width as the ts-2000) I have a practically
new mobile mounting bracket I would like to sell.

Eric, KR9W

ki4beo wrote:
>
> Does anyone have a mobile mounting bracket for the TS-690. I need one
> in order to mount radio in a console.
>
> Thanks,
> John, KI4BEO
>
>
> ---
>
> No virus found in this incoming message.
> Checked by AVG Free Edition.
> Version: 7.5.488 / Virus Database: 269.14.6/1060 - Release Date: 10/9/2007 4:43 PM
>

6362. Re: Re: [TS-850_450_690] Mobile mounting bracket for TS-690

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-10-10 15:45:15 UTC
From: jgturner@windstream.net
Topic: 6360 Message: 6362

> Not same size according to "rig pix".
Thanks any way.

John, KI4BEO

> From: eric <kr9w@...>
> Date: 2007/10/10 Wed AM 10:50:09 EDT
> To: TS-850_450_690@yahoogroups.com
> Subject: Re: [TS-850_450_690] Mobile mounting bracket for TS-690
>
>
> If the 690 is the same size (width as the ts-2000) I have a practically
> new mobile mounting bracket I would like to sell.
>
>
> Eric, KR9W
>
>
>
>
>
> ki4beo wrote:
> >
> > Does anyone have a mobile mounting bracket for the TS-690. I need one
> > in order to mount radio in a console.
> >
> > Thanks,
> > John, KI4BEO
> >
> >
> > ---
> >
> > No virus found in this incoming message.
> > Checked by AVG Free Edition.
> > Version: 7.5.488 / Virus Database: 269.14.6/1060 - Release Date: 10/9/2007 4:43 PM
> >
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>

6363. Re: Re: [TS-850_450_690] Mobile mounting bracket for TS-690

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-10-10 20:19:35 UTC
From: ve3wej gmail
Topic: 6360 Message: 6363

the ts2000 and 690 and 440 and 570 are all using the mb430, BUT they have different brackets that mount to the radio. so as long as you have the complete kit, should be no problem...

check your specs... I also have an original style mb-430 kit...

VE3WEJ
Dave Garber

10-X # 23465
echolink # 52852
irlp node 2202
email ve3wej@...
----- Original Message -----
From: jgturner@...
To: TS-850_450_690@yahoogroups.com
Sent: Wednesday, October 10, 2007 11:45 AM
Subject: Re: Re: [TS-850_450_690] Mobile mounting bracket for TS-690

> Not same size according to "rig pix".
Thanks any way.

John, KI4BEO

> From: eric <kr9w@...>
> Date: 2007/10/10 Wed AM 10:50:09 EDT
> To: TS-850_450_690@yahoogroups.com
> Subject: Re: [TS-850_450_690] Mobile mounting bracket for TS-690
>
>
> If the 690 is the same size (width as the ts-2000) I have a practically
> new mobile mounting bracket I would like to sell.
>
>
> Eric, KR9W
>
>
>
>
>
> ki4beo wrote:
> >
> > Does anyone have a mobile mounting bracket for the TS-690. I need one
> > in order to mount radio in a console.
> >
> > Thanks,

> > John, KI4BEO
> >
> >
> > ---
> >
> > No virus found in this incoming message.
> > Checked by AVG Free Edition.
> > Version: 7.5.488 / Virus Database: 269.14.6/1060 - Release Date: 10/9/2007 4:43 PM
> >
>
>
>

[Non-text portions of this message have been removed]

6364. Re: [TS-850_450_690] Mobile mounting bracket for TS-690

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-10-10 20:53:42 UTC
From: eric
Topic: 6360 Message: 6364

Well....OK. If you change your mind or anybody else needs the bracket
kit (smb-430 with box) I have one for a ts-2000 I no longer have and
just want to get it to somebody that needs one. $22 incl. shipping.

Eric, KR9W

jgturner@... wrote:
>
>
> > Not same size according to "rig pix".
> Thanks any way.
>
> John, KI4BEO
>
> > From: eric <kr9w@... <mailto:kr9w%40charter.net>>
> > Date: 2007/10/10 Wed AM 10:50:09 EDT
> > To: TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>
> > Subject: Re: [TS-850_450_690] Mobile mounting bracket for TS-690
> >
> >
> > If the 690 is the same size (width as the ts-2000) I have a practically
> > new mobile mounting bracket I would like to sell.
> >
> >
> > Eric, KR9W
> >
> >
> >
> >
> >
> > ki4beo wrote:
> > >
> > > Does anyone have a mobile mounting bracket for the TS-690. I need one
> > > in order to mount radio in a console.
> > >
> > > Thanks,
> > > John, KI4BEO
> > >
> > >
> > > ---
> > >
> > > No virus found in this incoming message.
> > > Checked by AVG Free Edition.
> > > Version: 7.5.488 / Virus Database: 269.14.6/1060 - Release Date:

> 10/9/2007 4:43 PM
> > >
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> ---
>
> No virus found in this incoming message.
> Checked by AVG Free Edition.
> Version: 7.5.488 / Virus Database: 269.14.6/1060 - Release Date: 10/9/2007 4:43 PM
>

6365. Re: [TS-850_450_690] Re: CW Filter/PSK31

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-10-11 01:27:53 UTC
From: Tom Osborne
Topic: 6353 Message: 6365

----- Original Message -----
From: "Richard Ferch" <ve3iay@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Wednesday, October 10, 2007 5:32 AM
Subject: [TS-850_450_690] Re: CW Filter/PSK31

> The TS-850 lets you use CW (500 Hz or narrower) filters in SSB mode.
> Doesn't the '450?
>
> I use my SSB filters to see what is on the band while just tuning
> around, but to make QSOs with anyone other than the strongest signals
> on the band, I use narrow filters. A macro button in the digital mode
> software can be used to retune the radio so the desired signal is in
> the center of the narrow filter's bandpass.
>
> 73,
> Rich VE3KI
>
> --- In TS-850_450_690@yahoogroups.com, "Tom Osborne" <w7why@...>
> wrote:
>>
>> HI Rich
>>
>> I have a '450SAT here and like it. If you are going to run PSK31,
> you will
>> probably be running AFSK. Then you have to run it in the SSB
> postition.
>> Probably 1.8kc would be the least you would be able to have and
> still be
>> able to run SSB.
>>
>> Most of the PSK operation is done with the filters pretty much open
> anyway
>> as you can see a couple hundred kc's in the waterfall and just
> click on the
>> signals anyway. 73
>> Tom W7WHY
>>
>>
>> >I have a TS450S-AT . I have not been into CW since my novice days
> back in
>> >78
>> > so when I bought it new I did not get the extra CW filters. Now I
> have on
>> > order a SignaLink USB interface for PSK31 use and want to get

> into PSK31.
>> > My
>> > question is, for PSK31 would a filter be helpful and which one?
>> >
>> > Rich , Kd0zz
>> >
>> >
>> >
>> >
>> >
>> > [Non-text portions of this message have been removed]
>> >
>> >
>> >
>> > THANKS FOR USING TS-850_450_690@...
>> > Yahoo! Groups Links
>> >
>> >
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>> >
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>
>
> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
>
>
>
>

6366. Re: [TS-850_450_690] Re: CW Filter/PSK31

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-10-11 01:31:33 UTC
From: Tom Osborne
Topic: 6353 Message: 6366

HI Rich

Well, you are right. I was thinking of my old Yaesu FT 840 here. You can only use the narrow filter on CW. You can use the filters on hte '450 in any mode except FM. I have never tried using them in the SSB mode. 73
Tom W7WHY

> The TS-850 lets you use CW (500 Hz or narrower) filters in SSB mode.
> Doesn't the '450?
>
> I use my SSB filters to see what is on the band while just tuning
> around, but to make QSOs with anyone other than the strongest signals
> on the band, I use narrow filters. A macro button in the digital mode
> software can be used to retune the radio so the desired signal is in
> the center of the narrow filter's bandpass.
>
> 73,
> Rich VE3KI
>
> --- In TS-850_450_690@yahoogroups.com, "Tom Osborne" <w7why@...>
> wrote:
>>
>> HI Rich
>>
>> I have a '450SAT here and like it. If you are going to run PSK31,
> you will
>> probably be running AFSK. Then you have to run it in the SSB
> postition.
>> Probably 1.8kc would be the least you would be able to have and
> still be
>> able to run SSB.
>>
>> Most of the PSK operation is done with the filters pretty much open
> anyway
>> as you can see a couple hundred kc's in the waterfall and just
> click on the
>> signals anyway. 73
>> Tom W7WHY
>>
>>
>> >I have a TS450S-AT . I have not been into CW since my novice days
> back in
>> >78
>> > so when I bought it new I did not get the extra CW filters. Now I
> have on

>> > order a SignaLink USB interface for PSK31 use and want to get
> into PSK31.
>> > My
>> > question is, for PSK31 would a filter be helpful and which one?
>> >
>> > Rich , Kd0zz
>> >
>> >
>> >
>> >
>> >
>> > [Non-text portions of this message have been removed]
>> >
>> >
>> >
>> > THANKS FOR USING TS-850_450_690@...
>> > Yahoo! Groups Links
>> >
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>
> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
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>
>
>

6367. Update TS-850SAT & Accessories E-bay....

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-10-12 21:55:56 UTC
From: n2len
Topic: 6367 Message: 6367

I decided to part out my station on E-bay. Here are the auction if interested...
Some items still left E-bay auctions
KENWOOD TS-850SAT H.F. RADIO HAM TS-850S ANTENNA TUNER
Item number: 220159874359

<SOLD> KENWOOD DSP-100 FOR TS-850S TS-850SAT DSP100 HAM RADIO
Item number: 220159651265 <SOLD> <SOLD>

<SOLD> KENWOOD DRU-2 TS-850S TS-950S DIGITAL RECORDING UNIT
Item number: 220159635291 <SOLD> <SOLD>

KENWOOD SP-31 EXTERNAL SPEAKER TS-850S HAM RADIO TS-850
Item number: 220159878378

KENWOOD TS-850S TS-950S INRAD FILTERS 2.1 SSB HAM RADIO
Item number: 220159870346

KENWOOD TS-850S TS-950S CW FILTER YK-88C-1 HAM RADIO
Item number: 220159876260
Thank you kindly....

6368. Wanted AT-850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-10-12 22:18:27 UTC
From: Thomas Jones
Topic: 6368 Message: 6368

Hello....just wondering if anyone has a working AT-850
they may want to part with. Send price and serial
number of rig it came out of if possible.

Thanks....Tom

n8nma@...

_____
Yahoo! oneSearch: Finally, mobile search
that gives answers, not web links.
http://mobile.yahoo.com/mobileweb/onesearch?refer=1ONXIC

6369. 160 Mtr Antenna help

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-10-13 06:04:27 UTC
From: Paul Spiteri
Topic: 6369 Message: 6369

Hi everyone,
I am looking for some help regarding a dipole for 160 Mtr band. I made up a dipole of 127 feet on each side (254 feet long) tuned on 1.850 with swr of 1:1. It is like 40 feet up the roof handled with the antenna mast. I noticed that I have big statics like S9 anytime. Can someone told me how can I reduce this statics because it's very difficult to copy a station through it. I appriciate any help.
73's de'
9H1SP
Paul

--
I am using the free version of SPAMfighter for private users.
It has removed 207 spam emails to date.
Paying users do not have this message in their emails.
Get the free SPAMfighter here: http://www.spamfighter.com/len

[Non-text portions of this message have been removed]

6370. Re: [TS-850_450_690] 160 Mtr Antenna help

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-10-13 13:15:08 UTC
From: ve3wej gmail
Topic: 6369 Message: 6370

as opposed to finding where the static is coming from (is it in the house??, etc) try also changing your angle of radiation, by lower the pitch of the antenna, (try 30 feet), also changing the pattern , rotate the dipole a bit

VE3WEJ
Dave Garber

10-X # 23465
echolink # 52852
irlp node 2202
email ve3wej@...
----- Original Message -----
From: Paul Spiteri
To: TS-850_450_690@yahoogroups.com
Sent: Saturday, October 13, 2007 2:04 AM
Subject: [TS-850_450_690] 160 Mtr Antenna help

Hi everyone,
I am looking for some help regarding a dipole for 160 Mtr band. I made up a dipole of 127 feet on each side (254 feet long) tuned on 1.850 with swr of 1:1. It is like 40 feet up the roof handled with the antenna mast. I noticed that I have big statics like S9 anytime. Can someone told me how can I reduce this statics because it's very difficult to copy a station through it. I appriciate any help.
73's de'
9H1SP
Paul

--
I am using the free version of SPAMfighter for private users.
It has removed 207 spam emails to date.
Paying users do not have this message in their emails.
Get the free SPAMfighter here: http://www.spamfighter.com/len

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

6371. Re: [TS-850_450_690] 160 Mtr Antenna help

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-10-13 13:50:25 UTC
From: Bill Maddock
Topic: 6369 Message: 6371

Paul,
You could have power line noise, but I would guess it is just atmospherics common to the 160 mtr band. It will be much quiter during the day when the band is not opened up. I typically have an s9 noise level on 160 with my TS-850S at night, I usually turn the preamp off and will sometimes add attenuation with the 6 and 12 db attenuators. You cannot hear below the noise anyway. 160 mtr band is real bad for static if there are thunderstorms within 500 miles of your qth also. Hope this helps! 160 mtr is much like the AM broadcast band here in the US.

73,

Bill N4ZI

Paul Spiteri <9h1sp@...> wrote:
Hi everyone,
I am looking for some help regarding a dipole for 160 Mtr band. I made up a dipole of 127 feet on each side (254 feet long) tuned on 1.850 with swr of 1:1. It is like 40 feet up the roof handled with the antenna mast. I noticed that I have big statics like S9 anytime. Can someone told me how can I reduce this statics because it's very difficult to copy a station through it. I appriciate any help.
73's de'
9H1SP
Paul

--
I am using the free version of SPAMfighter for private users.
It has removed 207 spam emails to date.
Paying users do not have this message in their emails.
Get the free SPAMfighter here: http://www.spamfighter.com/len

[Non-text portions of this message have been removed]

Yahoo! oneSearch: Finally, mobile search that gives answers, not web links.

[Non-text portions of this message have been removed]

6372. ARRL website article

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-10-17 04:06:42 UTC
From: Zack Widup
Topic: 6372 Message: 6372

There's a really nice article by VE1FA on the ARRL website called "The Kenwood TS-850SAT HF Transceiver - 13 Years Later".

I didn't know about some of the extra function buttons he mentions. Those are fun to play with!

The article reminded me of the first time I ever used an 850. It had been purchased by the Synton Amateur Radio Club W9YH at the University of Illinois. I fell in love with it immediately.

I've used many different and more modern rigs since then but the 850 is still my favorite and the main rig in my shack. I don't think anything beats the receiver.

73, Zack W9SZ

6373. Re: [TS-850_450_690] ARRL website article

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-10-17 12:29:09 UTC
From: eric
Topic: 6372 Message: 6373

...and just a side note to what you said, I had a TS-870 along with my 850/dsp-100 combo. I decided to sell one or the other because they are very similar. Guess which one left the shack? Yes, I still have the 850/ dsp-100 combo.

Eric, KR9W

Zack Widup wrote:
>
> There's a really nice article by VE1FA on the ARRL website called "The
> Kenwood TS-850SAT HF Transceiver - 13 Years Later".
>
> I didn't know about some of the extra function buttons he mentions. Those
> are fun to play with!
>
> The article reminded me of the first time I ever used an 850. It had
> been purchased by the Synton Amateur Radio Club W9YH at the University of
> Illinois. I fell in love with it immediately.
>
> I've used many different and more modern rigs since then but the 850 is
> still my favorite and the main rig in my shack. I don't think anything
> beats the receiver.
>
> 73, Zack W9SZ
>
>
> ---
>
> No virus found in this incoming message.
> Checked by AVG Free Edition.
> Version: 7.5.488 / Virus Database: 269.14.13/1074 - Release Date: 10/16/2007 2:14 PM
>

6380. How to Read S-Meter

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-10-19 19:15:49 UTC
From: kjtwlf
Topic: 6380 Message: 6380

Would someone mind explaining to me how to read the (receive) signal strength on my TS-450? There is an upper indicator labeled S (which seems to be related to the position of the RF knob), and a dB scale at the bottom of the display. I'm not sure exactly what they mean and how to use them to determine received signal strength.

Thanks,
-ken
N6VDT

6381. Re: [TS-850_450_690] How to Read S-Meter

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-10-19 20:25:25 UTC
From: ve3wej gmail
Topic: 6380 Message: 6381

0 to 9 on the scale is s (signal strenth), numbers above it are usually refered to as db over s9...

if someone is s9 signal they are doing well enough to give a 59 signal report, some people also add the db over s9 (to impress) to show the other operator he is doing really

trying to keep it NON technical here

VE3WEJ
Dave Garber

10-X # 23465
echolink # 52852
irlp node 2202
email ve3wej@...
----- Original Message -----
From: kjtwlf
To: TS-850_450_690@yahoogroups.com
Sent: Friday, October 19, 2007 3:15 PM
Subject: [TS-850_450_690] How to Read S-Meter

Would someone mind explaining to me how to read the (receive) signal strength on my TS-450? There is an upper indicator labeled S (which seems to be related to the position of the RF knob), and a dB scale at the bottom of the display. I'm not sure exactly what they mean and how to use them to determine received signal strength.

Thanks,
-ken
N6VDT

[Non-text portions of this message have been removed]

6382. Re: How to Read S-Meter

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-10-20 15:36:01 UTC
From: kjtwlf
Topic: 6380 Message: 6382

Dave,

Thanks for the reply. I get it. (And now the discussion of RF gain in the User Manual makes better sense.)

-ken
N6VDT

--- In TS-850_450_690@yahoogroups.com, "ve3wej gmail" <ve3wej@...> wrote:
>
> 0 to 9 on the scale is s (signal strenth), numbers above it are usually refered to as db over s9...

>

6385. PC I/f to TS-850 Question

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-10-28 01:10:33 UTC
From: wa2rwm
Topic: 6385 Message: 6385

Hi,

Has anyone used the Kenwood Interface with the Opto-isolators from the ARRL handbook? I wired up the circuit and cables, checked all the cabling but all I can get is some beeps from the radio and it never connects. I am using Ham Radio Deluxe for the rig control. Does something need to be set on the radio?

Any help / suggestions would be appreciated!

73s

Rich

6386. Re: [TS-850_450_690] PC I/f to TS-850 Question

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-10-28 03:09:10 UTC
From: ve3wej gmail
Topic: 6385 Message: 6386

what are your settings in HR deluxe. they should be 4800,8,n,2
and of course the correct com port

VE3WEJ
Dave Garber

10-X # 23465
echolink # 52852
irlp node 2202
email ve3wej@...
----- Original Message -----
From: wa2rwm
To: TS-850_450_690@yahoogroups.com
Sent: Saturday, October 27, 2007 9:10 PM
Subject: [TS-850_450_690] PC I/f to TS-850 Question

Hi,

Has anyone used the Kenwood Interface with the Opto-isolators from the
ARRL handbook? I wired up the circuit and cables, checked all the
cabling but all I can get is some beeps from the radio and it never
connects. I am using Ham Radio Deluxe for the rig control. Does
something need to be set on the radio?

Any help / suggestions would be appreciated!

73s

Rich

[Non-text portions of this message have been removed]

6387. Re: [TS-850_450_690] PC I/f to TS-850 Question

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-10-28 06:20:05 UTC
From: Zack Widup
Topic: 6385 Message: 6387

No, I just built one using a MAX232. Worked straight off.

Zack W9SZ

On Sun, 28 Oct 2007, wa2rwm wrote:

> Hi,
>
> Has anyone used the Kenwood Interface with the Opto-isolators from the
> ARRL handbook? I wired up the circuit and cables, checked all the
> cabling but all I can get is some beeps from the radio and it never
> connects. I am using Ham Radio Deluxe for the rig control. Does
> something need to be set on the radio?
>
> Any help / suggestions would be appreciated!
>
> 73s
>
> Rich
>
>

6388. battery replacement my experiences

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-10-28 08:27:02 UTC
From: J.Alexander Tschapka
Topic: 6388 Message: 6388

Hi everybody
Yesterday I decided to change my memory battery, my TS-850 is 11 years old and has no troubles.
I looked at
http://n6tr.jzap.com/850BAT.html

The numbering of cables is a good hint, one hint from me:
Cables, which are connected to the backside of the TRX disconnect them there :-)
After this procedure disassemble the front panel board (6 screws) and disolder the battery.
I solder a new one for print mounting and do the revers procedure.
Working time 15 minutes
I tested the old battery no faults after 11 years.
73 Joe, OE3JTB

[Non-text portions of this message have been removed]

6389. Re: PC I/f to TS-850 Question

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-10-28 08:42:33 UTC
From: martin beekhuis
Topic: 6385 Message: 6389

Hallo Rich (and others)

I tested the interface using a termnal program telix and/or minicom.
just enter " I; "
(character I followed bij ;)
and adjust the term program right speed etc 4800 bd 8 bit no par.

the TS850 will answer .

73 martin pa3dsc

> Has anyone used the Kenwood Interface with the Opto-isolators from the
> ARRL handbook?
>
> Any help / suggestions would be appreciated!
>
> 73s
>
> Rich
>

6390. Re: PC I/f to TS-850 Question

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-10-28 12:14:19 UTC
From: Richard Ferch
Topic: 6385 Message: 6390

I have used a similar interface, although using a 7405 instead of the opto-isolators.

You will need to set the software to hold RTS "Always On", as well as getting the rest of the settings (4800, n, 8, 2) correct.

73,
Rich VE3KI

--- In TS-850_450_690@yahoogroups.com, "wa2rwm" <richard.stromberg@...> wrote:
>
> Hi,
>
> Has anyone used the Kenwood Interface with the Opto-isolators from the
> ARRL handbook? I wired up the circuit and cables, checked all the
> cabling but all I can get is some beeps from the radio and it never
> connects. I am using Ham Radio Deluxe for the rig control. Does
> something need to be set on the radio?
>
> Any help / suggestions would be appreciated!
>
> 73s
>
> Rich
>

6391. Upgrade my TS-450 for a TS-850 ?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-10-30 01:07:04 UTC
From: ve9xyz
Topic: 6391 Message: 6391

I've had my trusty TS-450SAT and just heard today about a TS-850 from a chap at work whose father owned one before his death several years ago. I've always thought of the TS-850 as the big brother to my rig, but to be honest I really don't know what the improvements over the TS-450 really are.

So here's the questions:

1. Presuming that this rig is in excellent shape (he says it is, is still in box, etc) - what do I watch out for?

2. What are some of the TS-850 benefits over my TS-450?

I'll do some research on the web, but I felt that this group would have a pretty good perspective on the contrast of these 2 fine rigs.

Thanks,

Kevin
VE9-XYZ

6392. Re: [TS-850_450_690] Upgrade my TS-450 for a TS-850 ?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-10-30 02:44:25 UTC
From: Crownhaven
Topic: 6391 Message: 6392

I have both radios. The TS-850S has better selectivity. If you aren't a big contester or don't operate in crowded bands, i.e., 20 meter phone, you probably won't notice the difference. The TS-850S has slope tuning which the 450S does not. 850 has a keyer, 450 nix. Both can have tuners.

I would absolutely plan on a full compliment of filters in either one. I have the 500 Hz filters in both IFs of the 850 and a 270 Hz filter.

In the 450, I have the two 500 Hz filters and the narrow 1.8 SSB filter. That is really the best combination in my opinion.

I have never tried the INRAD 400 Hz filters but I understand they are much better than the Kenwood filters.

I have 450, 850 and 870. I love Kenwoods. I am a DXer and could do what I need to do with any of the three rigs providing the filters are installed. I think you would have a blast with both of them, switching between them, etc. Good to have a back-up too so you stay on the air when the other one goes to Clif at Avvid.

Steve, N4JQQ

PS, also have the TS-690S. Great radio on six too.

ve9xyz wrote:
>
> I've had my trusty TS-450SAT and just heard today about a TS-850 from
> a chap at work whose father owned one before his death several years
> ago. I've always thought of the TS-850 as the big brother to my rig,
> but to be honest I really don't know what the improvements over the
> TS-450 really are.
>
> So here's the questions:
>
> 1. Presuming that this rig is in excellent shape (he says it is, is
> still in box, etc) - what do I watch out for?
>
> 2. What are some of the TS-850 benefits over my TS-450?
>
> I'll do some research on the web, but I felt that this group would
> have a pretty good perspective on the contrast of these 2 fine rigs.
>
> Thanks,
>
> Kevin
> VE9-XYZ
>

>
>

6393. Re: [TS-850_450_690] Upgrade my TS-450 for a TS-850 ?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-10-30 06:37:03 UTC
From: Steve Gehring
Topic: 6391 Message: 6393

I like Steve's comments, but I'll add one additional.

I haven't looked the the ARRL lab test comparisons yet, but I figure the blocking dynamic range and 3rd order intercept point is quite a bit better on the 850S. My 850Sat just won't overload in any contest situation. My lesser Icom rig doesn't even hold a candle to the 850's crunch-proof receiver. If you don't operate contests, or operate on bands with LARGE signals, don't invest in the superior receiver. But, if you do, i.e. have large antennas (yagis, quads, and large wires with gain), invest in a 850S-like receiver. You'll never regret it!

73 de Steven, NL7W

Crownhaven wrote:
>
> I have both radios. The TS-850S has better selectivity. If you aren't
> a big contester or don't operate in crowded bands, i.e., 20 meter phone,
> you probably won't notice the difference. The TS-850S has slope tuning
> which the 450S does not. 850 has a keyer, 450 nix. Both can have tuners.
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> I would absolutely plan on a full compliment of filters in either one.
> I have the 500 Hz filters in both IFs of the 850 and a 270 Hz filter.
>
> In the 450, I have the two 500 Hz filters and the narrow 1.8 SSB
> filter. That is really the best combination in my opinion.
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> I have never tried the INRAD 400 Hz filters but I understand they are
> much better than the Kenwood filters.
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> I have 450, 850 and 870. I love Kenwoods. I am a DXer and could do
> what I need to do with any of the three rigs providing the filters are
> installed. I think you would have a blast with both of them, switching
> between them, etc. Good to have a back-up too so you stay on the air
> when the other one goes to Clif at Avvid.
>
> Steve, N4JQQ
>
> PS, also have the TS-690S. Great radio on six too.
>
> ve9xyz wrote:
> >
> > I've had my trusty TS-450SAT and just heard today about a TS-850 from
> > a chap at work whose father owned one before his death several years
> > ago. I've always thought of the TS-850 as the big brother to my rig,
> > but to be honest I really don't know what the improvements over the
> > TS-450 really are.

> >
> > So here's the questions:
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> > 1. Presuming that this rig is in excellent shape (he says it is, is
> > still in box, etc) - what do I watch out for?
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> > 2. What are some of the TS-850 benefits over my TS-450?
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> > I'll do some research on the web, but I felt that this group would
> > have a pretty good perspective on the contrast of these 2 fine rigs.
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> > Thanks,
> >
> > Kevin
> > VE9-XYZ
> >
> >
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>
>
> ---
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> Version: 7.5.503 / Virus Database: 269.15.12/1098 - Release Date: 10/29/2007 9:28 AM
>

[Non-text portions of this message have been removed]

6394. Re: [TS-850_450_690] PC I/f to TS-850 Question

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-10-30 11:36:11 UTC
From: Thomas Jones
Topic: 6385 Message: 6394

I built the one with the Opto-isolators...not sure if
it is the same as the handbook or not but it works but
only if the 850 is in VFO mode not in memory mode.

Tom N8NMA

--- wa2rwm <richard.stromberg@...> wrote:

> Hi,
>
> Has anyone used the Kenwood Interface with the
> Opto-isolators from the
> ARRL handbook? I wired up the circuit and cables,
> checked all the
> cabling but all I can get is some beeps from the
> radio and it never
> connects. I am using Ham Radio Deluxe for the rig
> control. Does
> something need to be set on the radio?
>
> Any help / suggestions would be appreciated!
>
> 73s
>
> Rich
>
>

Do You Yahoo!?
Tired of spam? Yahoo! Mail has the best spam protection around
http://mail.yahoo.com

6395. Re: [TS-850_450_690] Upgrade my TS-450 for a TS-850 ?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-10-30 12:53:09 UTC
From: Zack Widup
Topic: 6391 Message: 6395

I've used my 850 on a 6-station Field Day and it is one of the best crunch-proof performers on FD every year. Other rigs have folded up under the nearby interference. The 850's receiver has to be one of the best.

I have never used a 450 but I own a 440. I don't know what the similarities and differences are, but some of the things the 850 has that the 440 doesn't are four levels of AGC (including "off"), AIP (which is really just a receive preamp), quick memories, dual IF slope tuning, noise blanker level control, built-in keyer, three keyer memories, two switchable attenuators, plus a few things I rarely use.

The quick memories are very useful in contesting.

I'm not sure if the TS440 has manually-adjustable antenna tuner controls through one menu item like the 850 has because my 440 doesn't have the tuner. But sometimes I use that feature on the 850 too.

73, Zack W9SZ

On Mon, 29 Oct 2007, Steve Gehring wrote:

> I like Steve's comments, but I'll add one additional.
>
> I haven't looked the the ARRL lab test comparisons yet, but I figure the
> blocking dynamic range and 3rd order intercept point is quite a bit
> better on the 850S. My 850Sat just won't overload in any contest
> situation. My lesser Icom rig doesn't even hold a candle to the 850's
> crunch-proof receiver. If you don't operate contests, or operate on
> bands with LARGE signals, don't invest in the superior receiver. But,
> if you do, i.e. have large antennas (yagis, quads, and large wires with
> gain), invest in a 850S-like receiver. You'll never regret it!
>
> 73 de Steven, NL7W
>
>
> Crownhaven wrote:
>>
>> I have both radios. The TS-850S has better selectivity. If you aren't
>> a big contester or don't operate in crowded bands, i.e., 20 meter phone,
>> you probably won't notice the difference. The TS-850S has slope tuning
>> which the 450S does not. 850 has a keyer, 450 nix. Both can have tuners.
>>
>> I would absolutely plan on a full compliment of filters in either one.
>> I have the 500 Hz filters in both IFs of the 850 and a 270 Hz filter.
>>
>> In the 450, I have the two 500 Hz filters and the narrow 1.8 SSB

>> filter. That is really the best combination in my opinion.
>>
>> I have never tried the INRAD 400 Hz filters but I understand they are
>> much better than the Kenwood filters.
>>
>> I have 450, 850 and 870. I love Kenwoods. I am a DXer and could do
>> what I need to do with any of the three rigs providing the filters are
>> installed. I think you would have a blast with both of them, switching
>> between them, etc. Good to have a back-up too so you stay on the air
>> when the other one goes to Clif at Avvid.
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>> Steve, N4JQQ
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>> PS, also have the TS-690S. Great radio on six too.
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>> ve9xyz wrote:
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>>> I've had my trusty TS-450SAT and just heard today about a TS-850 from
>>> a chap at work whose father owned one before his death several years
>>> ago. I've always thought of the TS-850 as the big brother to my rig,
>>> but to be honest I really don't know what the improvements over the
>>> TS-450 really are.
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>>> So here's the questions:
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>>> still in box, etc) - what do I watch out for?
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>>> 2. What are some of the TS-850 benefits over my TS-450?
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>>> I'll do some research on the web, but I felt that this group would
>>> have a pretty good perspective on the contrast of these 2 fine rigs.
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>>> Thanks,
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>>> Kevin
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>
> [Non-text portions of this message have been removed]
>
>

6396. Re: Upgrade my TS-450 for a TS-850 ?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-10-30 16:48:15 UTC
From: Clif
Topic: 6391 Message: 6396

While I agree with most of your statement you need to look closer at
the AIP circuit. It is not a preamp. The AIP reduces the gain of the
IF strip to help prevent overload from strong stations.

Clif

--- In TS-850_450_690@yahoogroups.com, Zack Widup <w9sz@...> wrote:
>
>
> I've used my 850 on a 6-station Field Day and it is one of the best
> crunch-proof performers on FD every year. Other rigs have folded up
under
> the nearby interference. The 850's receiver has to be one of the best.
>
> I have never used a 450 but I own a 440. I don't know what the
> similarities and differences are, but some of the things the 850 has
> that the 440 doesn't are four levels of AGC (including "off"), AIP
(which
> is really just a receive preamp), quick memories, dual IF slope tuning,
> noise blanker level control, built-in keyer, three keyer memories, two
> switchable attenuators, plus a few things I rarely use.
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> The quick memories are very useful in contesting.
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> I'm not sure if the TS440 has manually-adjustable antenna tuner
controls
> through one menu item like the 850 has because my 440 doesn't have the
> tuner. But sometimes I use that feature on the 850 too.
>
> 73, Zack W9SZ
>
> On Mon, 29 Oct 2007, Steve Gehring wrote:
>
> > I like Steve's comments, but I'll add one additional.
> >
> > I haven't looked the the ARRL lab test comparisons yet, but I
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> > blocking dynamic range and 3rd order intercept point is quite a bit
> > better on the 850S. My 850Sat just won't overload in any contest
> > situation. My lesser Icom rig doesn't even hold a candle to the 850's
> > crunch-proof receiver. If you don't operate contests, or operate on
> > bands with LARGE signals, don't invest in the superior receiver. But,
> > if you do, i.e. have large antennas (yagis, quads, and large wires
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> > gain), invest in a 850S-like receiver. You'll never regret it!

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> > 73 de Steven, NL7W
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> > Crownhaven wrote:
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> >> In the 450, I have the two 500 Hz filters and the narrow 1.8 SSB
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> >> between them, etc. Good to have a back-up too so you stay on the air
> >> when the other one goes to Clif at Avvid.
> >>
> >> Steve, N4JQQ
> >>
> >> PS, also have the TS-690S. Great radio on six too.
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> >> ve9xyz wrote:
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> >>> TS-450 really are.
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> >>> 2. What are some of the TS-850 benefits over my TS-450?
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> >>> I'll do some research on the web, but I felt that this group would
> >>> have a pretty good perspective on the contrast of these 2 fine rigs.
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> >>> Thanks,
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> > [Non-text portions of this message have been removed]
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6397. Re: [TS-850_450_690] Re: Upgrade my TS-450 for a TS-850 ?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-10-30 18:05:24 UTC
From: Zack Widup
Topic: 6391 Message: 6397

Yes, you're right. At any rate, the 440 doesn't have such a feature. I don't think the 450 does, either. They do have a single attenuator.

Also, with the 850, it's handy to have the switches that allow you to transmit on "B" while listening on "A", transmit on "A" while listening on "B", or the same with memory frequencies. I don't think the 440 or 450 has that either.

73, Zack W9SZ

On Tue, 30 Oct 2007, Clif wrote:

> While I agree with most of your statement you need to look closer at
> the AIP circuit. It is not a preamp. The AIP reduces the gain of the
> IF strip to help prevent overload from strong stations.
>
> Clif
>

6398. Kenwood Repair

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-10-30 18:21:30 UTC
From: kremper4-850@yahoo.com
Topic: 6391 Message: 6398

I just recently joined the Yahoo Group. I first heard about Clif Holland, KA5IPF, of AVVid, on the City of Tempe Listserver. Some of you already know Clif's excellent reputation for Kenwood repair. I want to (belatedly, by about two weeks) let all know that I recently heeded previously circulated suggestions on that listserver that Clif is the guy to go to if you have a problem with your Kenwood gear.

Beginning with my initial e-mail contact with Clif, I received unexpected *rapid* responses to my inquiries, quick turnaround on the repairs, explanations of what was replaced, return of the defective components and a fairness in component and service-time costs that I thought had disappeared with the honesty of Abe Lincoln.

Thanks again, Clif.

GN es GL

73,

Paul / N1FB

Clif <clif@...> wrote:
While I agree with most of your statement you need to look closer at
the AIP circuit. It is not a preamp. The AIP reduces the gain of the
IF strip to help prevent overload from strong stations.

Clif

--- In TS-850_450_690@yahoogroups.com, Zack Widup <w9sz@...> wrote:
>
>
> I've used my 850 on a 6-station Field Day and it is one of the best
> crunch-proof performers on FD every year. Other rigs have folded up
under
> the nearby interference. The 850's receiver has to be one of the best.
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> I have never used a 450 but I own a 440. I don't know what the
> similarities and differences are, but some of the things the 850 has
> that the 440 doesn't are four levels of AGC (including "off"), AIP
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> is really just a receive preamp), quick memories, dual IF slope tuning,
> noise blanker level control, built-in keyer, three keyer memories, two
> switchable attenuators, plus a few things I rarely use.
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> The quick memories are very useful in contesting.
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> I'm not sure if the TS440 has manually-adjustable antenna tuner
controls
> through one menu item like the 850 has because my 440 doesn't have the

> tuner. But sometimes I use that feature on the 850 too.
>
> 73, Zack W9SZ
>
> On Mon, 29 Oct 2007, Steve Gehring wrote:
>
> > I like Steve's comments, but I'll add one additional.
> >
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> > blocking dynamic range and 3rd order intercept point is quite a bit
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> > situation. My lesser Icom rig doesn't even hold a candle to the 850's
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> > bands with LARGE signals, don't invest in the superior receiver. But,
> > if you do, i.e. have large antennas (yagis, quads, and large wires
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> > gain), invest in a 850S-like receiver. You'll never regret it!
> >
> > 73 de Steven, NL7W
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> >> I would absolutely plan on a full compliment of filters in either
one.
> >> I have the 500 Hz filters in both IFs of the 850 and a 270 Hz filter.
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> >> between them, etc. Good to have a back-up too so you stay on the air
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> >>

> >> Steve, N4JQQ
> >>
> >> PS, also have the TS-690S. Great radio on six too.
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> >> ve9xyz wrote:
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> > [Non-text portions of this message have been removed]
> >
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[Non-text portions of this message have been removed]

6399. Kenwood Repair (text only for the listserver this time)

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-10-30 18:24:44 UTC
From: kremper4-850@yahoo.com
Topic: 6391 Message: 6399

Sorry...I keep forgetting the listserver mandates
text-only submissions.

I just recently joined the Yahoo Group; I first heard
about?Clif on the City of Tempe Listserver. ?Some of
you already know Clif's excellent reputation for
Kenwood repair. I want to (belatedly, by about two
weeks) let all know that I recently heeded previously
circulated suggestions on that listserver that?Clif is
the guy to go to if you have a problem with your
Kenwood gear.
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Beginning with my initial e-mail contact with Clif,
I received unexpected *rapid* responses to my
inquiries, quick turnaround on the
repairs,?explanations of what was replaced, return of
the defective components and a fairness in component
and service-time costs that I thought had disappeared
with the honesty of Abe Lincoln.
?
GN es GL
?
73,
?
Paul / N1FB
?
?
?

Clif <clif@...> wrote:
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the AIP circuit. It is not a preamp. The AIP reduces
the gain of the
IF strip to help prevent overload from strong
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Clif

--- In TS-850_450_690@yahoogroups.com, Zack Widup
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> 73, Zack W9SZ
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> > if you do, i.e. have large antennas (yagis, quads,

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> >
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> >
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> > [Non-text portions of this message have been
removed]
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> >
>

6400. Re: [TS-850_450_690] Re: Upgrade my TS-450 for a TS-850 ?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-10-30 20:14:00 UTC
From: Crownhaven
Topic: 6391 Message: 6400

Thanks Clif. That is what I thought too. There was a very good review
of both the TS-450/690 and 850 in QST. If you are a member, log on
their site and read them. At the time, they called the TS-850S the best
CW rig ever manufactured.

As for me, I'm not buying ANYTHING that Clif can't work on.

Steve, N4JQQ

Clif wrote:
>
> While I agree with most of your statement you need to look closer at
> the AIP circuit. It is not a preamp. The AIP reduces the gain of the
> IF strip to help prevent overload from strong stations.
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> Clif
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> --- In TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>, Zack Widup <w9sz@...> wrote:
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> > > blocking dynamic range and 3rd order intercept point is quite a bit
> > > better on the 850S. My 850Sat just won't overload in any contest
> > > situation. My lesser Icom rig doesn't even hold a candle to the 850's
> > > crunch-proof receiver. If you don't operate contests, or operate on
> > > bands with LARGE signals, don't invest in the superior receiver. But,
> > > if you do, i.e. have large antennas (yagis, quads, and large wires
> with
> > > gain), invest in a 850S-like receiver. You'll never regret it!
> > >
> > > 73 de Steven, NL7W
> > >
> > >
> > > Crownhaven wrote:
> > >>
> > >> I have both radios. The TS-850S has better selectivity. If you aren't
> > >> a big contester or don't operate in crowded bands, i.e., 20 meter
> phone,
> > >> you probably won't notice the difference. The TS-850S has slope
> tuning
> > >> which the 450S does not. 850 has a keyer, 450 nix. Both can have
> tuners.
> > >>
> > >> I would absolutely plan on a full compliment of filters in either
> one.
> > >> I have the 500 Hz filters in both IFs of the 850 and a 270 Hz filter.
> > >>
> > >> In the 450, I have the two 500 Hz filters and the narrow 1.8 SSB
> > >> filter. That is really the best combination in my opinion.
> > >>
> > >> I have never tried the INRAD 400 Hz filters but I understand they are
> > >> much better than the Kenwood filters.
> > >>
> > >> I have 450, 850 and 870. I love Kenwoods. I am a DXer and could do
> > >> what I need to do with any of the three rigs providing the
> filters are
> > >> installed. I think you would have a blast with both of them,
> switching
> > >> between them, etc. Good to have a back-up too so you stay on the air
> > >> when the other one goes to Clif at Avvid.
> > >>
> > >> Steve, N4JQQ
> > >>
> > >> PS, also have the TS-690S. Great radio on six too.
> > >>
> > >> ve9xyz wrote:
> > >>>
> > >>> I've had my trusty TS-450SAT and just heard today about a TS-850

> from
> > >>> a chap at work whose father owned one before his death several years
> > >>> ago. I've always thought of the TS-850 as the big brother to my rig,
> > >>> but to be honest I really don't know what the improvements over the
> > >>> TS-450 really are.
> > >>>
> > >>> So here's the questions:
> > >>>
> > >>> 1. Presuming that this rig is in excellent shape (he says it is, is
> > >>> still in box, etc) - what do I watch out for?
> > >>>
> > >>> 2. What are some of the TS-850 benefits over my TS-450?
> > >>>
> > >>> I'll do some research on the web, but I felt that this group would
> > >>> have a pretty good perspective on the contrast of these 2 fine rigs.
> > >>>
> > >>> Thanks,
> > >>>
> > >>> Kevin
> > >>> VE9-XYZ
> > >>>
> > >>>
> > >>>
> > >>
> > >>
> > >>
> > --
> > >>
> > >> No virus found in this incoming message.
> > >> Checked by AVG Free Edition.
> > >> Version: 7.5.503 / Virus Database: 269.15.12/1098 - Release Date:
> 10/29/2007 9:28 AM
> > >>
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> > > [Non-text portions of this message have been removed]
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6401. Upgrade my TS-450 for a TS-850 ?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-10-30 23:00:38 UTC
From: Anthony W. DePrato WA4JQS
Topic: 6391 Message: 6401

>I have two TS 850SAT's and they have made two trips to Antarctica
>with me and worked in a 5 station setup with the stations running
>KW's only 200 yards apart. Guess what i could run SSB on 20 mts at
>one station and CW on 20 mts on the other both running KW's and the
>tents 200 yards apart. and the Interferance was down enought that
>we could work stations without any trouble. I think the 850
>receiver is about the best receiver since the Drake R4C came out.

73 Tony

Anthony W. DePrato WA4JQS
QCWA # 23602 10X # 3621
A1-OP FISTS # 10573 VBA # 55 AMI # 1274
NCDXF # 1036 RNARS # 1309 SKCC # 1227
DXCC PHONE DXCC RTTY DXCC CW
Lis. 1962 Calls Held
VP8BZL VP8SSI 3Y0PI V31SS ZD8JQS
WA4JQS/ZS1 WA4JQS/4K1 WA4JQS/KC4

6402. RE: [TS-850_450_690] Upgrade my TS-450 for a TS-850 ?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-10-31 00:41:21 UTC
From: Mark Saunders, KJ7BS
Topic: 6391 Message: 6402

These are both nice radios.

In 1995 shortly after I was first licensed, I was contemplating the purchase of my first HF radio. My choice came down to the Kenwood TS-450S/AT or the Kenwood TS-850S/AT. It was a difficult decision especially since I did not have anyone to give me advice or tell me what to look for. For a few extra dollars, I selected the TS-850S/AT and have not regretted it once.

The 850 has a much superior receiver and the slope tune really helps reduce or remove adjacent signals on crowded bands. In my early years, I mostly operated SSB and not much CW. I found the optional Kenwood 1.8 Khz filter to be a nice feature to add. I also added 500 hz filters for CW work in both the 833 and 455 IF stages. By putting both 500 filters in line, I can cascade them and get about 400 hz out of them. It is just a bit narrower than a single 500. Combine the cascaded 500s and slope tune and add in the notch filter and you can just about wipe out anything that bothers you. However, you could also wipe out a weak signal if you are not careful.

I have done no mods or had any work done to my 850 and it is going strong. No leakage from the caps or battery (knock on wood). The noise blanker needs work if you are in an area with lots of pulse type noise and there is an easy mod to improve the blanker's performance. After 12 years there is not a scratch on it. I only wish I had purchased the accessories to go along with it back in 1995.

I opted not to get a DSP-100 for my 850, but instead am using a SCAF-1 filter and it is amazing what it will do for your copy of CW and SSB. I have an MFJ-784B tunable DSP filter I sometimes use for digital work. I have run RTTY using an MFJ-1278B TNC and an optoisolator to interface with the 850.

If you are a CW operator, the semi-QSK is nice, but the full QSK is much better (it does take some getting used to hearing between characters and character elements). I use a foot switch to put my AL-811H amp into transmit when driving it with my 850 as the AL-811H does not do QSK or fast semi-QSK (the relay is too slow). Driving a non-QSK amp with the 850 in semi or full mode will eventually damage the finals in the 850.

The auto tuner is outstanding. What more can I say. I've tuned verticals, dipoles, beams, and mobile antennas with it.

My 850 has spent about 95% of its life in my shack, but I have taken it into the field for Field Day and on RV trips. It performs equally well in the field as in the shack.

I've operate several 450s over the years, and I can tell you now, I am glad I picked the Kenwood TS-850S/AT.

If you have a choice, which it sounds like you do, pick the TS-850S/AT. You will not be disappointed. If you can afford to get both, by all means do so, but the 850 will get the most use.

Mark, KJ7BS
Glendale, AZ
Editor, The SKCC Centurion
Elecraft K2 S/N 0539
Fists # 2972 CC 1806
SKCC # 2240 C56 T20
QRP-ARCI # 12647
AZ ScQRPions

COGRC Emergency Communications

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com] On Behalf Of ve9xyz
Sent: Monday, October 29, 2007 6:07 PM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] Upgrade my TS-450 for a TS-850 ?

I've had my trusty TS-450SAT and just heard today about a TS-850 from a chap at work whose father owned one before his death several years ago. I've always thought of the TS-850 as the big brother to my rig, but to be honest I really don't know what the improvements over the TS-450 really are.

So here's the questions:

1. Presuming that this rig is in excellent shape (he says it is, is still in box, etc) - what do I watch out for?

2. What are some of the TS-850 benefits over my TS-450?

I'll do some research on the web, but I felt that this group would have a pretty good perspective on the contrast of these 2 fine rigs.

Thanks,

Kevin
VE9-XYZ

[Non-text portions of this message have been removed]

6403. 100 watts in AM on 850 is this normal ?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-10-31 04:16:03 UTC
From: Thomas Jones
Topic: 6403 Message: 6403

I just bought this 850 about a month ago and was just going through all the modes and noticed that it transmits at 100 watts on AM (checked it with the bird) and the manual says 40 watts. Is this normal ? Is this an adjustment done by the operator with the carrier control to bring it down to 40 watts or has someone changed it internally ? Or is something going bad inside the radio ? Any help would be great.

Thanks

Tom N8NMA

_____
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6404. Re: [TS-850_450_690] 100 watts in AM on 850 is this normal ?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-10-31 08:54:35 UTC
From: Steve Gehring
Topic: 6403 Message: 6404

Hey Tom,

For a proper and clean signal on AM only, do this in-order, until you get the hang of AM ops:

1. Select the AM mode.
2. Turn down the mic gain to zero (fully counterclock)
3. Adjust the RF Power output control for maximum (fully clockwise).
4. Into a dummy load, key the mic for 100 watts output.
5. Reduce the 100 watts RF output with the Carrier Control (labeled "CAR" on the rig) to 25 watts.
6. Select the ALC range on the multimeter, if not already there -- when transmitting.
7. Begin to increase the MIC gain while speaking normally into the microphone, stop the MIC gain advance when the ALC peaks mid scale -- within the "red bar" ALC range.

That's it. With 25 watts carrier power, and the RF power set for 100 watts peak power, as well as the mic gain properly setup, you now have a 25-watt, low-level modulated, transmitter capable of 100% modulation -- which can peak to 100 watts. With this setup, you should see positive peaking RF power on the rig's meter, as well as external watt meter, when modulating with a voice.

GL de Steven, NL7W

Thomas Jones wrote:
>
> I just bought this 850 about a month ago and was just
> going through all the modes and noticed that it
> transmits at 100 watts on AM (checked it with the
> bird) and the manual says 40 watts. Is this normal ?
> Is this an adjustment done by the operator with the
> carrier control to bring it down to 40 watts or has
> someone changed it internally ? Or is something going
> bad inside the radio ? Any help would be great.
>
> Thanks
>
> Tom N8NMA
>
> _____
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>

[Non-text portions of this message have been removed]

6405. Re: [TS-850_450_690] 100 watts in AM on 850 is this normal ?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-11-02 02:00:13 UTC
From: Thomas Jones
Topic: 6403 Message: 6405

Thanks for the Steve but I was wondering if all
TS850's do the full 100 watts or has someone done
something to change this ? The manual says 40 watts
max ???

Thanks...Tom N8NMA

--- Steve Gehring <steveg@...> wrote:

> Hey Tom,
>
> For a proper and clean signal on AM only, do this
> in-order, until you
> get the hang of AM ops:
>
> 1. Select the AM mode.
> 2. Turn down the mic gain to zero (fully
> counterclock)
> 3. Adjust the RF Power output control for maximum
> (fully clockwise).
> 4. Into a dummy load, key the mic for 100 watts
> output.
> 5. Reduce the 100 watts RF output with the Carrier
> Control (labeled
> "CAR" on the rig) to 25 watts.
> 6. Select the ALC range on the multimeter, if not
> already there -- when
> transmitting.
> 7. Begin to increase the MIC gain while speaking
> normally into the
> microphone, stop the MIC gain advance when the ALC
> peaks mid scale --
> within the "red bar" ALC range.
>
> That's it. With 25 watts carrier power, and the RF
> power set for 100
> watts peak power, as well as the mic gain properly
> setup, you now have a
> 25-watt, low-level modulated, transmitter capable of
> 100% modulation --
> which can peak to 100 watts. With this setup, you
> should see positive
> peaking RF power on the rig's meter, as well as
> external watt meter,
> when modulating with a voice.
>

> GL de Steven, NL7W
>
>
>
>
> Thomas Jones wrote:
> >
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> > going through all the modes and noticed that it
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> > carrier control to bring it down to 40 watts or
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> > Thanks
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> > Tom N8NMA
> >
> > _____
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> removed]
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6406. Re: 100 watts in AM on 850 is this normal ?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-11-02 02:58:16 UTC
From: ve9xyz
Topic: 6403 Message: 6406

Does the procedure Steve describes apply to my TS-450 as well? The manual says to adjust for S9 on meter etc but it always seemed strange to me. I never have trouble getting a generous level but wasn't ever sure how the thing sounded on the other end.

Kevin

--- In TS-850_450_690@yahoogroups.com, Thomas Jones <n8nma@...> wrote:
>
> I just bought this 850 about a month ago and was just
> going through all the modes and noticed that it
> transmits at 100 watts on AM (checked it with the
> bird) and the manual says 40 watts. Is this normal ?
> Is this an adjustment done by the operator with the
> carrier control to bring it down to 40 watts or has
> someone changed it internally ? Or is something going
> bad inside the radio ? Any help would be great.
>
> Thanks
>
> Tom N8NMA
>
> _____
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6407. Re: [TS-850_450_690] 100 watts in AM on 850 is this normal ?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-11-02 03:14:51 UTC
From: Steve Gehring
Topic: 6403 Message: 6407

Hi Again Tom,

Yes, they will. But, they are not designed to operate AM at 100 watts with any modulation to speak of... and remain within the 100 to 120 watt max linear portion of the final amplifier's curve.

That being said, a 25-watt carrier, when modulated to 100%, has a Peak Envelope Power (PEP) power four times the carrier power, or 100 watts -- within the final amp's linear curve. 40-watts, at 100% has a PEP of 160 watts -- slightly above the linear curve -- pushing the curve to its limits. At 40-watts carrier, the ALC circuit should suppress or limit the modulation to something less than 100% -- to keep it somewhat linear and distortion free. But remember, the ALC circuit is a reactionary one. It reacts to an overdrive condition that's has already happened -- distortion that is momentary, but there nonetheless.

I run my 850S at 20 to 25-watts carrier, using the method I've described, and can then drive my Alpha amp to around 250 to 300 watts carrier, and know my linear also remains clean (within its capabilities) and well within the legal limit -- which is 375 watts carrier when modulated to 100%, or 1500-watts PEP.

73.

Thomas Jones wrote:
>
> Thanks for the Steve but I was wondering if all
> TS850's do the full 100 watts or has someone done
> something to change this ? The manual says 40 watts
> max ???
>
> Thanks...Tom N8NMA
>
> --- Steve Gehring <steveg@...
> <mailto:steveg%40mtaonline.net>> wrote:
>
> > Hey Tom,
> >
> > For a proper and clean signal on AM only, do this
> > in-order, until you
> > get the hang of AM ops:
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> > 1. Select the AM mode.
> > 2. Turn down the mic gain to zero (fully
> > counterclock)
> > 3. Adjust the RF Power output control for maximum

> > (fully clockwise).
> > 4. Into a dummy load, key the mic for 100 watts
> > output.
> > 5. Reduce the 100 watts RF output with the Carrier
> > Control (labeled
> > "CAR" on the rig) to 25 watts.
> > 6. Select the ALC range on the multimeter, if not
> > already there -- when
> > transmitting.
> > 7. Begin to increase the MIC gain while speaking
> > normally into the
> > microphone, stop the MIC gain advance when the ALC
> > peaks mid scale --
> > within the "red bar" ALC range.
> >
> > That's it. With 25 watts carrier power, and the RF
> > power set for 100
> > watts peak power, as well as the mic gain properly
> > setup, you now have a
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> > 100% modulation --
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> > peaking RF power on the rig's meter, as well as
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> >
> > GL de Steven, NL7W
> >
> >
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> > > _____
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[Non-text portions of this message have been removed]

6408. Re: [TS-850_450_690] 100 watts in AM on 850 is this normal ?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-11-02 08:35:04 UTC
From: condor@mags.net
Topic: 6403 Message: 6408

Most solid state transmitters, when used in the AM mode are "Down
modulated",

In classical plate modulated transmitters, the carrier (say 100 watts),
goes from 0 watts to 200 watts when a audio signal is put on the carrier
at 100% modulation, with the average being 100 watts.

With down modulated AM, the carrier is 100 watts with no audio. When
audio is put on the carrier, the "mean" power drops to ~50 watts (@ 100%
modulation), so the peak of the modulated signal does not exceed 100
watts... as a safety factor, the average "mean" power is set to ~40 watts.

The amount of "down" is driven by the ALC circuit, so the peak does not
exceed 100 watts, to protect the finals. At 50% modulation, the peak
will still be 100 watts, and the mean output will be approximately 75
watts, and the low will be 50 watts.

In this case, it is not the average power (75 watts) that is important,
but the amount of power that carries information, which is the
difference between the high and the low power, so that would be
approximately 50~ish watts.

There is nothing wrong with your radio.

Paul K2BK

Steve Gehring wrote:
>
> Hi Again Tom,
>
> Yes, they will. But, they are not designed to operate AM at 100 watts
> with any modulation to speak of... and remain within the 100 to 120 watt
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> > Thanks...Tom N8NMA
> >
> > --- Steve Gehring <steveg@... <mailto:steveg%40mtaonline.net>
> > <mailto:steveg%40mtaonline.net>> wrote:
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>
>

6409. Re: [TS-850_450_690] 100 watts in AM on 850 is this normal ?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-11-02 09:56:44 UTC
From: Steve Gehring
Topic: 6403 Message: 6409

Please never try to modulate your kenwood rigs on AM with more that 25
to 40-watts carrier power. For greater verification, please read the
about 20 to 25-watt carrier comments on this eHam thread:

http://www.eham.net/articles/9842

One speaks of his TS-450S also. I'm sure my method will work fine for
that rig also.

My procedure stands thus...

73 de Steve, NL7W

condor@... wrote:
>
> Most solid state transmitters, when used in the AM mode are "Down
> modulated",
>
> In classical plate modulated transmitters, the carrier (say 100 watts),
> goes from 0 watts to 200 watts when a audio signal is put on the carrier
> at 100% modulation, with the average being 100 watts.
>
> With down modulated AM, the carrier is 100 watts with no audio. When
> audio is put on the carrier, the "mean" power drops to ~50 watts (@ 100%
> modulation), so the peak of the modulated signal does not exceed 100
> watts... as a safety factor, the average "mean" power is set to ~40 watts.
>
> The amount of "down" is driven by the ALC circuit, so the peak does not
> exceed 100 watts, to protect the finals. At 50% modulation, the peak
> will still be 100 watts, and the mean output will be approximately 75
> watts, and the low will be 50 watts.
>
> In this case, it is not the average power (75 watts) that is important,
> but the amount of power that carries information, which is the
> difference between the high and the low power, so that would be
> approximately 50~ish watts.
>
> There is nothing wrong with your radio.
>
> Paul K2BK
>
> Steve Gehring wrote:
> >
> > Hi Again Tom,
> >
> > Yes, they will. But, they are not designed to operate AM at 100 watts

> > with any modulation to speak of... and remain within the 100 to 120 watt
> > max linear portion of the final amplifier's curve.
> >
> > That being said, a 25-watt carrier, when modulated to 100%, has a Peak
> > Envelope Power (PEP) power four times the carrier power, or 100 watts --
> > within the final amp's linear curve. 40-watts, at 100% has a PEP of 160
> > watts -- slightly above the linear curve -- pushing the curve to its
> > limits. At 40-watts carrier, the ALC circuit should suppress or limit
> > the modulation to something less than 100% -- to keep it somewhat linear
> > and distortion free. But remember, the ALC circuit is a reactionary
> > one. It reacts to an overdrive condition that's has already happened --
> > distortion that is momentary, but there nonetheless.
> >
> > I run my 850S at 20 to 25-watts carrier, using the method I've
> > described, and can then drive my Alpha amp to around 250 to 300 watts
> > carrier, and know my linear also remains clean (within its capabilities)
> > and well within the legal limit -- which is 375 watts carrier when
> > modulated to 100%, or 1500-watts PEP.
> >
> > 73.
> >
> > Thomas Jones wrote:
> > >
> > > Thanks for the Steve but I was wondering if all
> > > TS850's do the full 100 watts or has someone done
> > > something to change this ? The manual says 40 watts
> > > max ???
> > >
> > > Thanks...Tom N8NMA
> > >
> > > --- Steve Gehring <steveg@...
> <mailto:steveg%40mtaonline.net> <mailto:steveg%40mtaonline.net>
> > > <mailto:steveg%40mtaonline.net>> wrote:
> > >
> > > > Hey Tom,
> > > >
> > > > For a proper and clean signal on AM only, do this
> > > > in-order, until you
> > > > get the hang of AM ops:
> > > >
> > > > 1. Select the AM mode.
> > > > 2. Turn down the mic gain to zero (fully
> > > > counterclock)
> > > > 3. Adjust the RF Power output control for maximum
> > > > (fully clockwise).
> > > > 4. Into a dummy load, key the mic for 100 watts
> > > > output.
> > > > 5. Reduce the 100 watts RF output with the Carrier
> > > > Control (labeled
> > > > "CAR" on the rig) to 25 watts.

> > > > 6. Select the ALC range on the multimeter, if not
> > > > already there -- when
> > > > transmitting.
> > > > 7. Begin to increase the MIC gain while speaking
> > > > normally into the
> > > > microphone, stop the MIC gain advance when the ALC
> > > > peaks mid scale --
> > > > within the "red bar" ALC range.
> > > >
> > > > That's it. With 25 watts carrier power, and the RF
> > > > power set for 100
> > > > watts peak power, as well as the mic gain properly
> > > > setup, you now have a
> > > > 25-watt, low-level modulated, transmitter capable of
> > > > 100% modulation --
> > > > which can peak to 100 watts. With this setup, you
> > > > should see positive
> > > > peaking RF power on the rig's meter, as well as
> > > > external watt meter,
> > > > when modulating with a voice.
> > > >
> > > > GL de Steven, NL7W
> > > >
> > > >
> > > >
> > > >
> > > > Thomas Jones wrote:
> > > > >
> > > > > I just bought this 850 about a month ago and was
> > > > just
> > > > > going through all the modes and noticed that it
> > > > > transmits at 100 watts on AM (checked it with the
> > > > > bird) and the manual says 40 watts. Is this normal
> > > > ?
> > > > > Is this an adjustment done by the operator with
> > > > the
> > > > > carrier control to bring it down to 40 watts or
> > > > has
> > > > > someone changed it internally ? Or is something
> > > > going
> > > > > bad inside the radio ? Any help would be great.
> > > > >
> > > > > Thanks
> > > > >
> > > > > Tom N8NMA
> > > > >
> > > > > _____
> > > > > Do You Yahoo!?
> > > > > Tired of spam? Yahoo! Mail has the best spam
> > > > protection around

> > > > > http://mail.yahoo.com <http://mail.yahoo.com>
> <http://mail.yahoo.com <http://mail.yahoo.com>>
> > <http://mail.yahoo.com <http://mail.yahoo.com>
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> > > > > >
> > > > > No virus found in this incoming message.
> > > > > Checked by AVG Free Edition.
> > > > > Version: 7.5.503 / Virus Database: 269.15.14/1100
> > > > - Release Date: 10/30/2007 6:26 PM
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> > > > > [Non-text portions of this message have been
> > > > removed]
> > > > >
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> > > ____
> > > Do You Yahoo!?
> > > Tired of spam? Yahoo! Mail has the best spam protection around
> > > http://mail.yahoo.com <http://mail.yahoo.com>
> <http://mail.yahoo.com <http://mail.yahoo.com>> <http://mail.yahoo.com
> <http://mail.yahoo.com>
> > <http://mail.yahoo.com <http://mail.yahoo.com>>>
> > >
> > >
> > > --
> > >
> > > No virus found in this incoming message.
> > > Checked by AVG Free Edition.
> > > Version: 7.5.503 / Virus Database: 269.15.18/1104 - Release Date:
> > 11/1/2007 6:47 PM
> > >
> >
> > [Non-text portions of this message have been removed]
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>
> No virus found in this incoming message.
> Checked by AVG Free Edition.
> Version: 7.5.503 / Virus Database: 269.15.18/1104 - Release Date: 11/1/2007 6:47 PM
>

[Non-text portions of this message have been removed]

6410. Re: 100 watts in AM on 850 is this normal ?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-11-02 21:35:47 UTC
From: grwescom
Topic: 6403 Message: 6410

Tom,

You may have already worked this out from the answers you have
received so far. As I understand your question, nobody has messed
with the AM operating part of your TS-850. In AM, you manually adjust
both the carrier level and modulation level. It should be adjustable
from close to zero up to 100 watts. That does not mean you can
operate it on AM over that whole range. You must set the carrier
level to an appropriate output power. Nominally, this should be 25
watts since PEP output from an AM transmitter is 4 times its idling
carrier output power. Your mic gain should be set to just produce 100
watts output. The Japanese transceiver manufacturers often specify 40
watts carrier output. This will actually work but will sound a bit off
to regular AM operators. Since you obviously cannot achieve 4 times
40 watts output - 160 watts that is - something must give. You could
either limit your mic gain so you just barely reach 100 watts output
on voice peaks and get much less than 100% modulation or you can crank
the mic gain up higher to achieve a higher percentage of modulation by
causing the ALC circuitry to cut the carrier level back to 25 watts on
voice peaks. The best way is probably to start with setting your
carrier level to 25 watts.

Gary - N0GW
--- In TS-850_450_690@yahoogroups.com, Thomas Jones <n8nma@...> wrote:
>
> Thanks for the Steve but I was wondering if all
> TS850's do the full 100 watts or has someone done
> something to change this ? The manual says 40 watts
> max ???
>
> Thanks...Tom N8NMA
>
>

6411. Speech processor/sidetone pitch

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-11-04 21:48:29 UTC
From: Mike
Topic: 6411 Message: 6411

Hello from a new member with TS450S questions. Just bought used 450S and wonder if anyone can tell me if the speech processor is RF or AF type processor. Getting good audio reports so It doesn't really matter except for my curiosity. Also, is there a way to lower the CW sidetone pitch, it is too high for my liking. Thanks for help, this seems like a good group.....Mike

6412. Re: [TS-850_450_690] Speech processor/sidetone pitch

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-11-04 22:51:48 UTC
From: ve3wej gmail
Topic: 6411 Message: 6412

speech is AF (audio frequency)...

is there a menu setting for sidetone pitch?? i do not own a 450, have to wait for an owner to tell you that one, or check the manual(last resort, hi hi)

the ts850 has a "pitch" button on the front that can be changed, maybe the 450 does??? as well

VE3WEJ
Dave Garber

10-X # 23465
echolink # 52852
irlp node 2202
email ve3wej@...
----- Original Message -----
From: Mike
To: TS-850_450_690@yahoogroups.com
Sent: Sunday, November 04, 2007 4:48 PM
Subject: [TS-850_450_690] Speech processor/sidetone pitch

Hello from a new member with TS450S questions. Just bought used 450S and wonder if anyone can tell me if the speech processor is RF or AF type processor. Getting good audio reports so It doesn't really matter except for my curiosity. Also, is there a way to lower the CW sidetone pitch, it is too high for my liking. Thanks for help, this seems like a good group.....Mike

6413. Re: [TS-850_450_690] Speech processor/sidetone pitch

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-11-04 23:18:42 UTC
From: Mike Ballenger
Topic: 6411 Message: 6413

--- ve3wej gmail <ve3wej@...> wrote:

> speech is AF (audio frequency)...
>
>
> is there a menu setting for sidetone pitch?? i do
> not own a 450, have to
> wait for an owner to tell you that one, or check the
> manual(last resort, hi
> hi)
>
> the ts850 has a "pitch" button on the front that can
> be changed, maybe the
> 450 does??? as well
>
>
> VE3WEJ
> Dave Garber
>
> 10-X # 23465
> echolink # 52852
> irlp node 2202
> email ve3wej@...
> ----- Original Message -----
> From: Mike
> To: TS-850_450_690@yahoogroups.com
> Sent: Sunday, November 04, 2007 4:48 PM
> Subject: [TS-850_450_690] Speech
> processor/sidetone pitch
>
>
> Hello from a new member with TS450S questions.
> Just bought used 450S
> and wonder if anyone can tell me if the speech
> processor is RF or AF
> type processor. Getting good audio reports so It
> doesn't really matter
> except for my curiosity. Also, is there a way to
> lower the CW sidetone
> pitch, it is too high for my liking. Thanks for
> help, this seems like
> a good group.....Mike
>
> Thanks for reply Dave, unable to locate any control
of any sort for sidetone. Not mentioned in manual that

I can find. Unable to locate other threads in group
that address the sidetone issue. Will keep looking.
Thanks again and 73, Mike K4KJC
>
>
>
>

_____
Do You Yahoo!?
Tired of spam? Yahoo! Mail has the best spam protection around
http://mail.yahoo.com

6414. Re: Speech processor/sidetone pitch

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-11-04 23:25:32 UTC
From: Mike
Topic: 6411 Message: 6414

Thanks for the reply,Dave. No menu items or controls that I can find regarding sidetone pitch. Been doing lot of reading on prior posts for answer but none so far. Will keep looking! Mike K4KJC

--- In TS-850_450_690@yahoogroups.com, "ve3wej gmail" <ve3wej@...> wrote:
>
> speech is AF (audio frequency)...
>
>
> is there a menu setting for sidetone pitch?? i do not own a 450, have to
> wait for an owner to tell you that one, or check the manual(last resort, hi
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> the ts850 has a "pitch" button on the front that can be changed, maybe the
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> VE3WEJ
> Dave Garber
>
> 10-X # 23465
> echolink # 52852
> irlp node 2202
> email ve3wej@...
> ----- Original Message -----
> From: Mike
> To: TS-850_450_690@yahoogroups.com
> Sent: Sunday, November 04, 2007 4:48 PM
> Subject: [TS-850_450_690] Speech processor/sidetone pitch
>
>
> Hello from a new member with TS450S questions. Just bought used 450S
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> type processor. Getting good audio reports so It doesn't really matter
> except for my curiosity. Also, is there a way to lower the CW sidetone
> pitch, it is too high for my liking. Thanks for help, this seems like

> a good group.....Mike
>

6415. Re: 100 watts in AM on 850 is this normal ? "Down Modulation"??

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-11-05 02:35:07 UTC
From: John Oesterling
Topic: 6403 Message: 6415

"Down modulation" is a CB term which typically meant the meter is
going down when you talk and really means little to nada nor does it
correlate with modulation linearity.
The best way to adjust your rig is with a cheap scope to look at the
RF envelope to insure you aren't clipping which translates to
spurious emission and splatter.
In any case the manufacturer instructions are the best way to go with
running the 850 on AM.

--- In TS-850_450_690@yahoogroups.com, Steve Gehring <steveg@...>
wrote:
>
> Please never try to modulate your kenwood rigs on AM with more that
25
> to 40-watts carrier power. For greater verification, please read
the
> about 20 to 25-watt carrier comments on this eHam thread:
>
> http://www.eham.net/articles/9842
>
> One speaks of his TS-450S also. I'm sure my method will work fine
for
> that rig also.
>
> My procedure stands thus...
>
> 73 de Steve, NL7W
>
> condor@... wrote:
> >
> > Most solid state transmitters, when used in the AM mode are "Down
> > modulated",
> >
> > In classical plate modulated transmitters, the carrier (say 100
watts),
> > goes from 0 watts to 200 watts when a audio signal is put on the
carrier
> > at 100% modulation, with the average being 100 watts.
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> > With down modulated AM, the carrier is 100 watts with no audio.
When
> > audio is put on the carrier, the "mean" power drops to ~50 watts
(@ 100%
> > modulation), so the peak of the modulated signal does not exceed
100

> > watts... as a safety factor, the average "mean" power is set to
~40 watts.
> >
> > The amount of "down" is driven by the ALC circuit, so the peak
does not
> > exceed 100 watts, to protect the finals. At 50% modulation, the
peak
> > will still be 100 watts, and the mean output will be
approximately 75
> > watts, and the low will be 50 watts.
> >
> > In this case, it is not the average power (75 watts) that is
important,
> > but the amount of power that carries information, which is the
> > difference between the high and the low power, so that would be
> > approximately 50~ish watts.
> >
> > There is nothing wrong with your radio.
> >
> > Paul K2BK
> >
> > Steve Gehring wrote:
> > >
> > > Hi Again Tom,
> > >
> > > Yes, they will. But, they are not designed to operate AM at 100
watts
> > > with any modulation to speak of... and remain within the 100 to
120 watt
> > > max linear portion of the final amplifier's curve.
> > >
> > > That being said, a 25-watt carrier, when modulated to 100%, has
a Peak
> > > Envelope Power (PEP) power four times the carrier power, or 100
watts --
> > > within the final amp's linear curve. 40-watts, at 100% has a
PEP of 160
> > > watts -- slightly above the linear curve -- pushing the curve
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> > > limits. At 40-watts carrier, the ALC circuit should suppress or
limit
> > > the modulation to something less than 100% -- to keep it
somewhat linear
> > > and distortion free. But remember, the ALC circuit is a
reactionary
> > > one. It reacts to an overdrive condition that's has already
happened --
> > > distortion that is momentary, but there nonetheless.
> > >
> > > I run my 850S at 20 to 25-watts carrier, using the method I've

> > > described, and can then drive my Alpha amp to around 250 to 300
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> > > carrier, and know my linear also remains clean (within its
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> > > and well within the legal limit -- which is 375 watts carrier
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> > >
> > > 73.
> > >
> > > Thomas Jones wrote:
> > > >
> > > > Thanks for the Steve but I was wondering if all
> > > > TS850's do the full 100 watts or has someone done
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> > > > max ???
> > > >
> > > > Thanks...Tom N8NMA
> > > >
> > > > --- Steve Gehring <steveg@...
> > <mailto:steveg%40mtaonline.net> <mailto:steveg%40mtaonline.net>
> > > > <mailto:steveg%40mtaonline.net>> wrote:
> > > >
> > > > > Hey Tom,
> > > > >
> > > > > For a proper and clean signal on AM only, do this
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> > > > > get the hang of AM ops:
> > > > >
> > > > > 1. Select the AM mode.
> > > > > 2. Turn down the mic gain to zero (fully
> > > > > counterclock)
> > > > > 3. Adjust the RF Power output control for maximum
> > > > > (fully clockwise).
> > > > > 4. Into a dummy load, key the mic for 100 watts
> > > > > output.
> > > > > 5. Reduce the 100 watts RF output with the Carrier
> > > > > Control (labeled
> > > > > "CAR" on the rig) to 25 watts.
> > > > > 6. Select the ALC range on the multimeter, if not
> > > > > already there -- when
> > > > > transmitting.
> > > > > 7. Begin to increase the MIC gain while speaking
> > > > > normally into the
> > > > > microphone, stop the MIC gain advance when the ALC
> > > > > peaks mid scale --
> > > > > within the "red bar" ALC range.
> > > > >
> > > > > That's it. With 25 watts carrier power, and the RF
> > > > > power set for 100

> > > > > watts peak power, as well as the mic gain properly
> > > > > setup, you now have a
> > > > > 25-watt, low-level modulated, transmitter capable of
> > > > > 100% modulation --
> > > > > which can peak to 100 watts. With this setup, you
> > > > > should see positive
> > > > > peaking RF power on the rig's meter, as well as
> > > > > external watt meter,
> > > > > when modulating with a voice.
> > > > >
> > > > > GL de Steven, NL7W
> > > > >
> > > > >
> > > > >
> > > > >
> > > > > Thomas Jones wrote:
> > > > > >
> > > > > > I just bought this 850 about a month ago and was
> > > > > just
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> > > > > > transmits at 100 watts on AM (checked it with the
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> > > > > ?
> > > > > > Is this an adjustment done by the operator with
> > > > > the
> > > > > > carrier control to bring it down to 40 watts or
> > > > > has
> > > > > > someone changed it internally ? Or is something
> > > > > going
> > > > > > bad inside the radio ? Any help would be great.
> > > > > >
> > > > > > Thanks
> > > > > >
> > > > > > Tom N8NMA
> > > > > >
> > > > > > _____
> > > > > > Do You Yahoo!?
> > > > > > Tired of spam? Yahoo! Mail has the best spam
> > > > > protection around
> > > > > > http://mail.yahoo.com <http://mail.yahoo.com>
> > <http://mail.yahoo.com <http://mail.yahoo.com>>
> > > <http://mail.yahoo.com <http://mail.yahoo.com>
> > <http://mail.yahoo.com <http://mail.yahoo.com>>>
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> > > > > >
> > > > > > No virus found in this incoming message.
> > > > > > Checked by AVG Free Edition.
> > > > > > Version: 7.5.503 / Virus Database: 269.15.14/1100
> > > > > - Release Date: 10/30/2007 6:26 PM
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> > > > >
> > > > > [Non-text portions of this message have been
> > > > > removed]
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> > > > >
> > > >
> > > > _____
> > > > Do You Yahoo!?
> > > > Tired of spam? Yahoo! Mail has the best spam protection around
> > > > http://mail.yahoo.com <http://mail.yahoo.com>
> > <http://mail.yahoo.com <http://mail.yahoo.com>>
<http://mail.yahoo.com
> > <http://mail.yahoo.com>
> > > <http://mail.yahoo.com <http://mail.yahoo.com>>>
> > > >
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> > > > ----------
> > > >
> > > > No virus found in this incoming message.
> > > > Checked by AVG Free Edition.
> > > > Version: 7.5.503 / Virus Database: 269.15.18/1104 - Release
Date:
> > > 11/1/2007 6:47 PM
> > > > >
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> > > [Non-text portions of this message have been removed]
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> >
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11/1/2007 6:47 PM
> >
>
>

>
> [Non-text portions of this message have been removed]
>

6416. Re: Speech processor/sidetone pitch

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-11-05 05:51:32 UTC
From: Clif
Topic: 6411 Message: 6416

Operating Manual

Page 53

Clif

--- In TS-850_450_690@yahoogroups.com, "Mike" <hamdriver66@...> wrote:
>
>
> Thanks for the reply,Dave. No menu items or controls that I can find
> regarding sidetone pitch. Been doing lot of reading on prior posts
> for answer but none so far. Will keep looking! Mike K4KJC
>
>
>
>
>
>
>
>
>
>
>
>
>
>
> --- In TS-850_450_690@yahoogroups.com, "ve3wej gmail" <ve3wej@>
> wrote:
> >
> > speech is AF (audio frequency)...
> >
> >
> > is there a menu setting for sidetone pitch?? i do not own a 450,
> have to
> > wait for an owner to tell you that one, or check the manual(last
> resort, hi
> > hi)
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> > the ts850 has a "pitch" button on the front that can be changed,
> maybe the
> > 450 does??? as well
> >
> >
> > VE3WEJ
> > Dave Garber
> >

> > 10-X # 23465
> > echolink # 52852
> > irlp node 2202
> > email ve3wej@
> > ----- Original Message -----
> > From: Mike
> > To: TS-850_450_690@yahoogroups.com
> > Sent: Sunday, November 04, 2007 4:48 PM
> > Subject: [TS-850_450_690] Speech processor/sidetone pitch
> >
> >
> > Hello from a new member with TS450S questions. Just bought used
> 450S
> > and wonder if anyone can tell me if the speech processor is RF or
> AF
> > type processor. Getting good audio reports so It doesn't really
> matter
> > except for my curiosity. Also, is there a way to lower the CW
> sidetone
> > pitch, it is too high for my liking. Thanks for help, this seems
> like
> > a good group.....Mike
> >
>

6417. Re: [TS-850_450_690] Re: 100 watts in AM on 850 is this normal ? "Down Modulation"??

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-11-05 10:05:31 UTC
From: Steve Gehring
Topic: 6403 Message: 6417

Actually, the 850S instruction manual has the rig operating at 40 watts. It's wrong... That's way to much carrier. The 850S at 40 watts carrier causes distorted transmissions on my rig. 20 to 25 watts carrier (RF power control max, carrier controlled by the CAR control), reduces the distortion to nil. Knowing and understanding the basic physics of an AM modulated carrier are "key" to properly operating an AM transmitter like this. If this is understood, 40 watts carrier operations is "too much" for a 100-watt rig with a properly adjusted and working ALC circuit.

Yes, as scope setup or station monitor would be nice. But one can carefully monitor with an outboard receiver -- like I do -- with my 50-ohm dummy terminated R-75 and a pair of headphones in the same shack.

73.

John Oesterling wrote:
>
> "Down modulation" is a CB term which typically meant the meter is
> going down when you talk and really means little to nada nor does it
> correlate with modulation linearity.
> The best way to adjust your rig is with a cheap scope to look at the
> RF envelope to insure you aren't clipping which translates to
> spurious emission and splatter.
> In any case the manufacturer instructions are the best way to go with
> running the 850 on AM.
>
> --- In TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>, Steve Gehring <steveg@...>
> wrote:
> >
> > Please never try to modulate your kenwood rigs on AM with more that
> 25
> > to 40-watts carrier power. For greater verification, please read
> the
> > about 20 to 25-watt carrier comments on this eHam thread:
> >
> > http://www.eham.net/articles/9842 <http://www.eham.net/articles/9842>
> >
> > One speaks of his TS-450S also. I'm sure my method will work fine
> for
> > that rig also.
> >
> > My procedure stands thus...

> >
> > 73 de Steve, NL7W
> >
> > condor@... wrote:
> > >
> > > Most solid state transmitters, when used in the AM mode are "Down
> > > modulated",
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> > > In classical plate modulated transmitters, the carrier (say 100
> watts),
> > > goes from 0 watts to 200 watts when a audio signal is put on the
> carrier
> > > at 100% modulation, with the average being 100 watts.
> > >
> > > With down modulated AM, the carrier is 100 watts with no audio.
> When
> > > audio is put on the carrier, the "mean" power drops to ~50 watts
> (@ 100%
> > > modulation), so the peak of the modulated signal does not exceed
> 100
> > > watts... as a safety factor, the average "mean" power is set to
> ~40 watts.
> > >
> > > The amount of "down" is driven by the ALC circuit, so the peak
> does not
> > > exceed 100 watts, to protect the finals. At 50% modulation, the
> peak
> > > will still be 100 watts, and the mean output will be
> approximately 75
> > > watts, and the low will be 50 watts.
> > >
> > > In this case, it is not the average power (75 watts) that is
> important,
> > > but the amount of power that carries information, which is the
> > > difference between the high and the low power, so that would be
> > > approximately 50~ish watts.
> > >
> > > There is nothing wrong with your radio.
> > >
> > > Paul K2BK
> > >
> > > Steve Gehring wrote:
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> > > > Hi Again Tom,
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> > > > Yes, they will. But, they are not designed to operate AM at 100
> watts
> > > > with any modulation to speak of... and remain within the 100 to
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> > > > max linear portion of the final amplifier's curve.

> > > >
> > > > That being said, a 25-watt carrier, when modulated to 100%, has
> a Peak
> > > > Envelope Power (PEP) power four times the carrier power, or 100
> watts --
> > > > within the final amp's linear curve. 40-watts, at 100% has a
> PEP of 160
> > > > watts -- slightly above the linear curve -- pushing the curve
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> > > > limits. At 40-watts carrier, the ALC circuit should suppress or
> limit
> > > > the modulation to something less than 100% -- to keep it
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> > > > distortion that is momentary, but there nonetheless.
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> > > > carrier, and know my linear also remains clean (within its
> capabilities)
> > > > and well within the legal limit -- which is 375 watts carrier
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> > > > > Thanks...Tom N8NMA
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> > > > > --- Steve Gehring <steveg@...
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> > > > > > 2. Turn down the mic gain to zero (fully
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> > > > > > 3. Adjust the RF Power output control for maximum
> > > > > > (fully clockwise).
> > > > > > 4. Into a dummy load, key the mic for 100 watts
> > > > > > output.
> > > > > > 5. Reduce the 100 watts RF output with the Carrier
> > > > > > Control (labeled
> > > > > > "CAR" on the rig) to 25 watts.
> > > > > > 6. Select the ALC range on the multimeter, if not
> > > > > > already there -- when
> > > > > > transmitting.
> > > > > > 7. Begin to increase the MIC gain while speaking
> > > > > > normally into the
> > > > > > microphone, stop the MIC gain advance when the ALC
> > > > > > peaks mid scale --
> > > > > > within the "red bar" ALC range.
> > > > > >
> > > > > > That's it. With 25 watts carrier power, and the RF
> > > > > > power set for 100
> > > > > > watts peak power, as well as the mic gain properly
> > > > > > setup, you now have a
> > > > > > 25-watt, low-level modulated, transmitter capable of
> > > > > > 100% modulation --
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> > > > > > peaking RF power on the rig's meter, as well as
> > > > > > external watt meter,
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> > > > > > >
> > > > > > > > Thanks
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> > > > > > > > No virus found in this incoming message.
> > > > > > > > Checked by AVG Free Edition.
> > > > > > > > Version: 7.5.503 / Virus Database: 269.15.14/1100
> > > > > > > > - Release Date: 10/30/2007 6:26 PM
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> Version: 7.5.503 / Virus Database: 269.15.21/1109 - Release Date: 11/4/2007 11:05 AM
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[Non-text portions of this message have been removed]

6418. Re: 100 watts in AM on 850 is this normal ? "Down Modulation"??

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-11-05 12:28:57 UTC
From: ve9xyz
Topic: 6403 Message: 6418

I noticed the reference to using a "cheap scope" to obssrve the AM transmissions of our rigs. I'v always assumed that the fellows were using an expensive scope and special interface with their transceiver. Maybe my old beat-up scope can be pressed into service for this. Can someone explain how we set up a scope to get a realistic picture of what's going on? I'm guessing that with the power levels involved, one doesn't need a direct connection.

Kevin
VE9-XYZ
myfamilydotcom@...

--- In TS-850_450_690@yahoogroups.com, Steve Gehring <steveg@...> wrote:
>
> Actually, the 850S instruction manual has the rig operating at 40
> watts. It's wrong... That's way to much carrier. The 850S at 40
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Date:
> > 11/1/2007 6:47 PM
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> > > > [Non-text portions of this message have been removed]
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> > >
> > No virus found in this incoming message.
> > Checked by AVG Free Edition.
> > Version: 7.5.503 / Virus Database: 269.15.21/1109 - Release Date:
11/4/2007 11:05 AM
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> [Non-text portions of this message have been removed]
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6419. Re: 100 watts in AM on 850 is this normal ? "Down Modulation"??

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-11-05 13:35:52 UTC
From: John Oesterling
Topic: 6403 Message: 6419

I strongly disagree, understanding the physics of AM requires working knowledge of Fourier transforms and signal components e.g. Gaussian noise. That is not necessary to operation of a radio. You just have to be able to read and follow instructions. Ham equipment has type acceptance contingent on following the manufacturer's instructions to operate said unit. As to being able to monitor for proper modulation with an outboard receiver; no matter how carefully, it is not possible. Not only have I proven this time and time again with program directors at radio stations where I chief'ed as broadcast engineer but have "straightened out" numerous AM stations cited for non-compliance with FCC regulations in stations where the program directors thought they could be the engineers when the FCC dropped the requirement to have a engineer with a first class phone. On a scope, every time you see a bright dot between Christmas trees, it correlates with >100% negative peaks... splatter and distortion.

--- In TS-850_450_690@yahoogroups.com, "ve9xyz" <myfamilydotcom@...>
wrote:
>
> I noticed the reference to using a "cheap scope" to obssrve the AM
> transmissions of our rigs. I'v always assumed that the fellows
were
> using an expensive scope and special interface with their
> transceiver. Maybe my old beat-up scope can be pressed into
service
> for this. Can someone explain how we set up a scope to get a
> realistic picture of what's going on? I'm guessing that with the
> power levels involved, one doesn't need a direct connection.
>
> Kevin
> VE9-XYZ
> myfamilydotcom@...
>
>
>
>
> --- In TS-850_450_690@yahoogroups.com, Steve Gehring <steveg@>
> wrote:
> >
> > Actually, the 850S instruction manual has the rig operating at 40
> > watts. It's wrong... That's way to much carrier. The 850S at
40
> watts
> > > carrier causes distorted transmissions on my rig. 20 to 25 watts
> > > carrier (RF power control max, carrier controlled by the CAR

> control),
> > reduces the distortion to nil. Knowing and understanding the
> basic
> > physics of an AM modulated carrier are "key" to properly
operating
> an AM
> > transmitter like this. If this is understood, 40 watts carrier
> > operations is "too much" for a 100-watt rig with a properly
> adjusted and
> > working ALC circuit.
> >
> > Yes, as scope setup or station monitor would be nice. But one
can
> > carefully monitor with an outboard receiver -- like I do -- with
my
> > 50-ohm dummy terminated R-75 and a pair of headphones in the same
> shack.
> >
> > 73.
> >
> > John Oesterling wrote:
> > >
> > > "Down modulation" is a CB term which typically meant the meter
is
> > > going down when you talk and really means little to nada nor
does
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> > > correlate with modulation linearity.
> > > The best way to adjust your rig is with a cheap scope to look
at
> the
> > > RF envelope to insure you aren't clipping which translates to
> > > spurious emission and splatter.
> > > In any case the manufacturer instructions are the best way to
go
> with
> > > running the 850 on AM.
> > >
> > > --- In TS-850_450_690@yahoogroups.com
> > > <mailto:TS-850_450_690%40yahoogroups.com>, Steve Gehring
<steveg@>
> > > wrote:
> > > >
> > > > Please never try to modulate your kenwood rigs on AM with
more
> that
> > > 25
> > > > to 40-watts carrier power. For greater verification, please
read
> > > the

> > > > about 20 to 25-watt carrier comments on this eHam thread:
> > > >
> > > > http://www.eham.net/articles/9842
> <http://www.eham.net/articles/9842>
> > > >
> > > > One speaks of his TS-450S also. I'm sure my method will work
> fine
> > > for
> > > > that rig also.
> > > >
> > > > My procedure stands thus...
> > > >
> > > > 73 de Steve, NL7W
> > > >
> > > > condor@ wrote:
> > > > >
> > > > > Most solid state transmitters, when used in the AM mode
> are "Down
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> > > > >
> > > > > In classical plate modulated transmitters, the carrier (say
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> > > watts),
> > > > > goes from 0 watts to 200 watts when a audio signal is put
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> the
> > > carrier
> > > > > at 100% modulation, with the average being 100 watts.
> > > > >
> > > > > With down modulated AM, the carrier is 100 watts with no
> audio.
> > > When
> > > > > audio is put on the carrier, the "mean" power drops to ~50
> watts
> > > (@ 100%
> > > > > modulation), so the peak of the modulated signal does not
> exceed
> > > 100
> > > > > watts... as a safety factor, the average "mean" power is
set
> to
> > > ~40 watts.
> > > > >
> > > > > The amount of "down" is driven by the ALC circuit, so the
peak
> > > does not
> > > > > exceed 100 watts, to protect the finals. At 50% modulation,
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> > > peak
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> > > approximately 75
> > > > > watts, and the low will be 50 watts.
> > > > >
> > > > > In this case, it is not the average power (75 watts) that is
> > > important,
> > > > > but the amount of power that carries information, which is
the
> > > > > difference between the high and the low power, so that
would
> be
> > > > > approximately 50~ish watts.
> > > > >
> > > > > There is nothing wrong with your radio.
> > > > >
> > > > > Paul K2BK
> > > > >
> > > > > Steve Gehring wrote:
> > > > > >
> > > > > > Hi Again Tom,
> > > > > >
> > > > > > Yes, they will. But, they are not designed to operate AM
at
> 100
> > > watts
> > > > > > with any modulation to speak of... and remain within the
> 100 to
> > > 120 watt
> > > > > > max linear portion of the final amplifier's curve.
> > > > > >
> > > > > > That being said, a 25-watt carrier, when modulated to
100%,
> has
> > > a Peak
> > > > > > Envelope Power (PEP) power four times the carrier power,
or
> 100
> > > watts --
> > > > > > within the final amp's linear curve. 40-watts, at 100%
has a
> > > PEP of 160
> > > > > > watts -- slightly above the linear curve -- pushing the
> curve
> > > to its
> > > > > > limits. At 40-watts carrier, the ALC circuit should
> suppress or
> > > limit
> > > > > > the modulation to something less than 100% -- to keep it
> > > somewhat linear
> > > > > > and distortion free. But remember, the ALC circuit is a
> > > reactionary

> > > > > > one. It reacts to an overdrive condition that's has
already
> > > happened --
> > > > > > distortion that is momentary, but there nonetheless.
> > > > > >
> > > > > > I run my 850S at 20 to 25-watts carrier, using the method
> I've
> > > > > > described, and can then drive my Alpha amp to around 250
to
> 300
> > > watts
> > > > > > carrier, and know my linear also remains clean (within its
> > > capabilities)
> > > > > > and well within the legal limit -- which is 375 watts
> carrier
> > > when
> > > > > > modulated to 100%, or 1500-watts PEP.
> > > > > > >
> > > > > > 73.
> > > > > > >
> > > > > > Thomas Jones wrote:
> > > > > > > >
> > > > > > > Thanks for the Steve but I was wondering if all
> > > > > > > TS850's do the full 100 watts or has someone done
> > > > > > > something to change this ? The manual says 40 watts
> > > > > > > max ???
> > > > > > > >
> > > > > > > Thanks...Tom N8NMA
> > > > > > > >
> > > > > > > --- Steve Gehring <steveg@
> > > > > <mailto:steveg%40mtaonline.net> <mailto:steveg%
> 40mtaonline.net>
> > > > > > > <mailto:steveg%40mtaonline.net>> wrote:
> > > > > > > >
> > > > > > > > Hey Tom,
> > > > > > > > >
> > > > > > > > For a proper and clean signal on AM only, do this
> > > > > > > > in-order, until you
> > > > > > > > get the hang of AM ops:
> > > > > > > > >
> > > > > > > > 1. Select the AM mode.
> > > > > > > > 2. Turn down the mic gain to zero (fully
> > > > > > > > counterclock)
> > > > > > > > 3. Adjust the RF Power output control for maximum
> > > > > > > > (fully clockwise).
> > > > > > > > 4. Into a dummy load, key the mic for 100 watts
> > > > > > > > output.
> > > > > > > > 5. Reduce the 100 watts RF output with the Carrier
> > > > > > > > Control (labeled
> > > > > > > > "CAR" on the rig) to 25 watts.

> > > > > > > > > 6. Select the ALC range on the multimeter, if not
> > > > > > > > > already there -- when
> > > > > > > > > transmitting.
> > > > > > > > > 7. Begin to increase the MIC gain while speaking
> > > > > > > > > normally into the
> > > > > > > > > microphone, stop the MIC gain advance when the ALC
> > > > > > > > > peaks mid scale --
> > > > > > > > > within the "red bar" ALC range.
> > > > > > > > >
> > > > > > > > > That's it. With 25 watts carrier power, and the RF
> > > > > > > > > power set for 100
> > > > > > > > > watts peak power, as well as the mic gain properly
> > > > > > > > > setup, you now have a
> > > > > > > > > 25-watt, low-level modulated, transmitter capable of
> > > > > > > > > 100% modulation --
> > > > > > > > > which can peak to 100 watts. With this setup, you
> > > > > > > > > should see positive
> > > > > > > > > peaking RF power on the rig's meter, as well as
> > > > > > > > > external watt meter,
> > > > > > > > > when modulating with a voice.
> > > > > > > > >
> > > > > > > > > GL de Steven, NL7W
> > > > > > > > >
> > > > > > > > >
> > > > > > > > >
> > > > > > > > >
> > > > > > > > > Thomas Jones wrote:
> > > > > > > > >
> > > > > > > > > I just bought this 850 about a month ago and was
> > > > > > > > > just
> > > > > > > > > going through all the modes and noticed that it
> > > > > > > > > transmits at 100 watts on AM (checked it with the
> > > > > > > > > bird) and the manual says 40 watts. Is this normal
> > > > > > > > > ?
> > > > > > > > > Is this an adjustment done by the operator with
> > > > > > > > > the
> > > > > > > > > carrier control to bring it down to 40 watts or
> > > > > > > > > has
> > > > > > > > > someone changed it internally ? Or is something
> > > > > > > > > going
> > > > > > > > > bad inside the radio ? Any help would be great.
> > > > > > > > >
> > > > > > > > > Thanks
> > > > > > > > >
> > > > > > > > > Tom N8NMA
> > > > > > > > >
> > > > > > > > > _____
> > > > > > > > > Do You Yahoo!?
> > > > > > > > > Tired of spam? Yahoo! Mail has the best spam
> > > > > > > > > protection around

> > > > > > > > > http://mail.yahoo.com <http://mail.yahoo.com>
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> > > > > > > > > > No virus found in this incoming message.
> > > > > > > > > > Checked by AVG Free Edition.
> > > > > > > > > > Version: 7.5.503 / Virus Database: 269.15.14/1100
> > > > > > > > > > - Release Date: 10/30/2007 6:26 PM
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> > > > > > > > > > _____
> > > > > > > > > > Do You Yahoo!?
> > > > > > > > > > Tired of spam? Yahoo! Mail has the best spam protection
> around
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> > [Non-text portions of this message have been removed]
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6420. DRU-2 and filters sell for Kenwood TS-850s

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-11-05 17:26:31 UTC
From: Janez
Topic: 6420 Message: 6420

Hallo group, I'm sorry to say but I will leave this fantastic
group soon. I know that the users of this group will tolerate my
sellings here, since you know the value of this goodies.

I sell my old working mule TS-850 few days back.
(Short on cash, can't keep it.)

The new owner don't want the DRU-2 unit (with cables, screw
and homemade external copy of remote control
RM1 - 6 buttons - all 3 play, CLR, M-in and MR).
I'm sorry just European union buyers because of customs
troubles. Also can't accept PayPal.
Will sell for 120 euros plus shipping.

Also aviable following CW filters:

Inrad #103 400Hz 8,8kHz - new filter.
Price 100 EU plus shipping.

YG-455CN-1 250Hz 455kHz - old but workable.
Price 110 EU plus shipping.

All questions only to
my e-mail address: s51dx@...

Thank you all for fantastic forum,
especialy to the moderators.

Best regards and hope to hear you all
on the bands with all time legendary
Kenwood TS-850s.

73 de Janez S51DX

6421. Re: [TS-850_450_690] Re: 100 watts in AM on 850 is this normal ? "Down Modulation"??

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-11-06 00:24:05 UTC
From: Steve Gehring
Topic: 6403 Message: 6421

John,

If you are so inclined, address distortion-less transmission of a
TS-850S, given the TGC/ALC circuitry aligned for roughly 100 watts PEP,
while operating at 40-watts carrier (reference page 28 of the
instruction manual, I believe). As you and both know, this rig wasn't
designed for 160-watt PEP transmission with any degree of linearity --
it isn't even setup or designed to do so.

And please don't tell me distortion isn't present at 40-watts carrier,
addressed by an "after the fact" reactionary system -- the closed loop
TGC/ALC management in the 850S.

Oh... I still work in the comm and telecom industries in similar
capacities. Please don't pull your "trump" card again...

John Oesterling wrote:
>
> I strongly disagree, understanding the physics of AM requires working
> knowledge of Fourier transforms and signal components e.g. Gaussian
> noise. That is not necessary to operation of a radio. You just have
> to be able to read and follow instructions. Ham equipment has type
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> > > > > > > In this case, it is not the average power (75 watts) that is
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> > > > > > >
> > > > > > > > That being said, a 25-watt carrier, when modulated to
> 100%,
> > has
> > > > > a Peak
> > > > > > > > Envelope Power (PEP) power four times the carrier power,
> or
> > 100
> > > > watts --
> > > > > > > within the final amp's linear curve. 40-watts, at 100%
> has a
> > > > PEP of 160
> > > > > > > watts -- slightly above the linear curve -- pushing the
> > curve
> > > > to its
> > > > > > > limits. At 40-watts carrier, the ALC circuit should
> > suppress or
> > > > limit
> > > > > > > the modulation to something less than 100% -- to keep it
> > > > somewhat linear
> > > > > > > and distortion free. But remember, the ALC circuit is a
> > > > reactionary
> > > > > > > one. It reacts to an overdrive condition that's has
> already
> > > > happened --
> > > > > > > distortion that is momentary, but there nonetheless.
> > > > > > >
> > > > > > > > I run my 850S at 20 to 25-watts carrier, using the method
> > I've
> > > > > > > described, and can then drive my Alpha amp to around 250
> to
> > 300
> > > > watts
> > > > > > > carrier, and know my linear also remains clean (within its
> > > > capabilities)
> > > > > > > and well within the legal limit -- which is 375 watts
> > carrier
> > > > when
> > > > > > > modulated to 100%, or 1500-watts PEP.
> > > > > > >
> > > > > > > 73.
> > > > > > >
> > > > > > > Thomas Jones wrote:
> > > > > > >
> > > > > > > > Thanks for the Steve but I was wondering if all
> > > > > > > > TS850's do the full 100 watts or has someone done
> > > > > > > > something to change this ? The manual says 40 watts
> > > > > > > > max ???
> > > > > > >
> > > > > > > > Thanks...Tom N8NMA

> > > > > > > >
> > > > > > > > > --- Steve Gehring <steveg@
> > > > > > <mailto:steveg%40mtaonline.net> <mailto:steveg%
> > 40mtaonline.net>
> > > > > > > > > <mailto:steveg%40mtaonline.net>> wrote:
> > > > > > > > >
> > > > > > > > > > Hey Tom,
> > > > > > > > > >
> > > > > > > > > > For a proper and clean signal on AM only, do this
> > > > > > > > > > in-order, until you
> > > > > > > > > > get the hang of AM ops:
> > > > > > > > > >
> > > > > > > > > > 1. Select the AM mode.
> > > > > > > > > > 2. Turn down the mic gain to zero (fully
> > > > > > > > > > counterclock)
> > > > > > > > > > 3. Adjust the RF Power output control for maximum
> > > > > > > > > > (fully clockwise).
> > > > > > > > > > 4. Into a dummy load, key the mic for 100 watts
> > > > > > > > > > output.
> > > > > > > > > > 5. Reduce the 100 watts RF output with the Carrier
> > > > > > > > > > Control (labeled
> > > > > > > > > > "CAR" on the rig) to 25 watts.
> > > > > > > > > > 6. Select the ALC range on the multimeter, if not
> > > > > > > > > > already there -- when
> > > > > > > > > > transmitting.
> > > > > > > > > > 7. Begin to increase the MIC gain while speaking
> > > > > > > > > > normally into the
> > > > > > > > > > microphone, stop the MIC gain advance when the ALC
> > > > > > > > > > peaks mid scale --
> > > > > > > > > > within the "red bar" ALC range.
> > > > > > > > > >
> > > > > > > > > > That's it. With 25 watts carrier power, and the RF
> > > > > > > > > > power set for 100
> > > > > > > > > > watts peak power, as well as the mic gain properly
> > > > > > > > > > setup, you now have a
> > > > > > > > > > 25-watt, low-level modulated, transmitter capable of
> > > > > > > > > > 100% modulation --
> > > > > > > > > > which can peak to 100 watts. With this setup, you
> > > > > > > > > > should see positive
> > > > > > > > > > peaking RF power on the rig's meter, as well as
> > > > > > > > > > external watt meter,
> > > > > > > > > > when modulating with a voice.
> > > > > > > > > >
> > > > > > > > > > GL de Steven, NL7W
> > > > > > > > > >
> > > > > > > > > >
> > > > > > > > > >
> > > > > > > > > >
> > > > > > > > > > Thomas Jones wrote:
> > > > > > > > > >

> > > > > > > > > > I just bought this 850 about a month ago and was
> > > > > > > > > > just
> > > > > > > > > > going through all the modes and noticed that it
> > > > > > > > > > transmits at 100 watts on AM (checked it with the
> > > > > > > > > > bird) and the manual says 40 watts. Is this normal
> > > > > > > > > > ?
> > > > > > > > > > Is this an adjustment done by the operator with
> > > > > > > > > > the
> > > > > > > > > > carrier control to bring it down to 40 watts or
> > > > > > > > > > has
> > > > > > > > > > someone changed it internally ? Or is something
> > > > > > > > > > going
> > > > > > > > > > bad inside the radio ? Any help would be great.
> > > > > > > > > >
> > > > > > > > > > Thanks
> > > > > > > > > >
> > > > > > > > > > Tom N8NMA
> > > > > > > > > >
> > > > > > > > > > _____
> > > > > > > > > > Do You Yahoo!?
> > > > > > > > > > Tired of spam? Yahoo! Mail has the best spam
> > > > > > > > > > protection around
> > > > > > > > > > http://mail.yahoo.com <http://mail.yahoo.com>
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> > > > > > > > > > > ---
> --
> > > > > > > > > > >
> > > > > > > > > > > > No virus found in this incoming message.
> > > > > > > > > > > > Checked by AVG Free Edition.
> > > > > > > > > > > > Version: 7.5.503 / Virus Database: 269.15.14/1100
> > > > > > > > > > > > - Release Date: 10/30/2007 6:26 PM
> > > > > > > > > > > >
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> > > > > > > > > > > >
> > > > > > > > > > > >
> > > > > > > > > > > > [Non-text portions of this message have been
> > > > > > > > > > > > removed]
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> > > > > > > > > > > >
> > > > > > > > > > >
> > > > > > > > > > > ____
> > > > > > > > > > > Do You Yahoo!?
> > > > > > > > > > > Tired of spam? Yahoo! Mail has the best spam protection
> > around
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> > > > > > > > > > >
> > > > > > > > > > > ---
> --
> > > > > > > > > > >
> > > > > > > > > > > > No virus found in this incoming message.

> > > > > > > > Checked by AVG Free Edition.
> > > > > > > > > Version: 7.5.503 / Virus Database: 269.15.18/1104 -
> > Release
> > > > Date:
> > > > > > > > 11/1/2007 6:47 PM
> > > > > > > > > >
> > > > > > > >
> > > > > > > > > [Non-text portions of this message have been removed]
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> > > > > ------
> > > > > > >
> > > > > > > > No virus found in this incoming message.
> > > > > > > > Checked by AVG Free Edition.
> > > > > > > > Version: 7.5.503 / Virus Database: 269.15.18/1104 - Release
> > Date:
> > > > 11/1/2007 6:47 PM
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> > > > > >
> > > > > >
> > > > > >
> > > > > > [Non-text portions of this message have been removed]
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> > > > >
> > > > No virus found in this incoming message.
> > > > Checked by AVG Free Edition.
> > > > Version: 7.5.503 / Virus Database: 269.15.21/1109 - Release
> Date:
> > 11/4/2007 11:05 AM
> > > > >
> > > >
> > > >
> > > >
> > > [Non-text portions of this message have been removed]
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> > >
>
> ---
>
> No virus found in this incoming message.
> Checked by AVG Free Edition.

> Version: 7.5.503 / Virus Database: 269.15.22/1111 - Release Date: 11/5/2007 4:36 AM
>

[Non-text portions of this message have been removed]

6422. Re: Upgrade my TS-450 for a TS-850 ?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-11-06 03:15:56 UTC
From: ve9xyz
Topic: 6391 Message: 6422

Steve mentioned a review of the 450/690 and 850 in QST (must have
been in the 90's I would presume). Would anyone have a copy of that
article they could scan and send to me? (or place in the group files
section perhaps).

Thanks,

Kevin, VE9-XYZ
myfamilydotcom@...

--- In TS-850_450_690@yahoogroups.com, Crownhaven <crownhaven@...>
wrote:
>
> Thanks Clif. That is what I thought too. There was a very good
review
> of both the TS-450/690 and 850 in QST. If you are a member, log on
> their site and read them. At the time, they called the TS-850S the
best
> CW rig ever manufactured.
>
> As for me, I'm not buying ANYTHING that Clif can't work on.
>
> Steve, N4JQQ
>
> Clif wrote:
> >
> > While I agree with most of your statement you need to look closer
at
> > the AIP circuit. It is not a preamp. The AIP reduces the gain of
the
> > IF strip to help prevent overload from strong stations.
> >
> > Clif
> >
> > --- In TS-850_450_690@yahoogroups.com
> > <mailto:TS-850_450_690%40yahoogroups.com>, Zack Widup <w9sz@>
wrote:
> > >
> > >
> > > I've used my 850 on a 6-station Field Day and it is one of the
best
> > > crunch-proof performers on FD every year. Other rigs have
folded up
> > under
> > > the nearby interference. The 850's receiver has to be one of
the best.

> > >
> > > I have never used a 450 but I own a 440. I don't know what the
> > > similarities and differences are, but some of the things the
850 has
> > > that the 440 doesn't are four levels of AGC (including "off"),
AIP
> > (which
> > > is really just a receive preamp), quick memories, dual IF slope
tuning,
> > > noise blanker level control, built-in keyer, three keyer
memories, two
> > > switchable attenuators, plus a few things I rarely use.
> > >
> > > The quick memories are very useful in contesting.
> > >
> > > I'm not sure if the TS440 has manually-adjustable antenna tuner
> > controls
> > > through one menu item like the 850 has because my 440 doesn't
have the
> > > tuner. But sometimes I use that feature on the 850 too.
> > >
> > > 73, Zack W9SZ
> > >
> > > On Mon, 29 Oct 2007, Steve Gehring wrote:
> > >
> > > > I like Steve's comments, but I'll add one additional.
> > > >
> > > > I haven't looked the the ARRL lab test comparisons yet, but I
> > figure the
> > > > blocking dynamic range and 3rd order intercept point is quite
a bit
> > > > better on the 850S. My 850Sat just won't overload in any
contest
> > > > situation. My lesser Icom rig doesn't even hold a candle to
the 850's
> > > > crunch-proof receiver. If you don't operate contests, or
operate on
> > > > bands with LARGE signals, don't invest in the superior
receiver. But,
> > > > if you do, i.e. have large antennas (yagis, quads, and large
wires
> > with
> > > > gain), invest in a 850S-like receiver. You'll never regret it!
> > > >
> > > > 73 de Steven, NL7W
> > > >
> > > >
> > > > Crownhaven wrote:
> > > >>
> > > >> I have both radios. The TS-850S has better selectivity. If

you aren't
> > > >> a big contester or don't operate in crowded bands, i.e., 20
meter
> > phone,
> > > >> you probably won't notice the difference. The TS-850S has
slope
> > tuning
> > > >> which the 450S does not. 850 has a keyer, 450 nix. Both can
have
> > tuners.
> > > >>
> > > >> I would absolutely plan on a full compliment of filters in
either
> > one.
> > > >> I have the 500 Hz filters in both IFs of the 850 and a 270
Hz filter.
> > > >>
> > > >> In the 450, I have the two 500 Hz filters and the narrow 1.8
SSB
> > > >> filter. That is really the best combination in my opinion.
> > > >>
> > > >> I have never tried the INRAD 400 Hz filters but I understand
they are
> > > >> much better than the Kenwood filters.
> > > >>
> > > >> I have 450, 850 and 870. I love Kenwoods. I am a DXer and
could do
> > > >> what I need to do with any of the three rigs providing the
> > filters are
> > > >> installed. I think you would have a blast with both of them,
> > switching
> > > >> between them, etc. Good to have a back-up too so you stay on
the air
> > > >> when the other one goes to Clif at Avvid.
> > > >>
> > > >> Steve, N4JQQ
> > > >>
> > > >> PS, also have the TS-690S. Great radio on six too.
> > > >>
> > > >> ve9xyz wrote:
> > > >>>
> > > >>> I've had my trusty TS-450SAT and just heard today about a
TS-850
> > from
> > > >>> a chap at work whose father owned one before his death
several years
> > > >>> ago. I've always thought of the TS-850 as the big brother
to my rig,
> > > >>> but to be honest I really don't know what the improvements
over the

> > > >>> TS-450 really are.
> > > >>>
> > > >>> So here's the questions:
> > > >>>
> > > >>> 1. Presuming that this rig is in excellent shape (he says
it is, is
> > > >>> still in box, etc) - what do I watch out for?
> > > >>>
> > > >>> 2. What are some of the TS-850 benefits over my TS-450?
> > > >>>
> > > >>> I'll do some research on the web, but I felt that this
group would
> > > >>> have a pretty good perspective on the contrast of these 2
fine rigs.
> > > >>>
> > > >>> Thanks,
> > > >>>
> > > >>> Kevin
> > > >>> VE9-XYZ
> > > >>>
> > > >>>
> > > >>>
> > > >>
> > > >>
> > > >>
> > > --
> > > >>
> > > >> No virus found in this incoming message.
> > > >> Checked by AVG Free Edition.
> > > >> Version: 7.5.503 / Virus Database: 269.15.12/1098 - Release
Date:
> > 10/29/2007 9:28 AM
> > > >>
> > > > >
> > > > >
> > > > >
> > > > > [Non-text portions of this message have been removed]
> > > > >
> > > > >
> > > >
> > >
> >

6423. Re: Upgrade my TS-450 for a TS-850 ?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-11-06 03:49:19 UTC
From: ve9xyz
Topic: 6391 Message: 6423

Never mind folks - found it at mods.dk

Kevin

--- In TS-850_450_690@yahoogroups.com, "ve9xyz" <myfamilydotcom@...>
wrote:
>
> Steve mentioned a review of the 450/690 and 850 in QST (must have
> been in the 90's I would presume). Would anyone have a copy of
that
> article they could scan and send to me? (or place in the group
files
> section perhaps).
>
> Thanks,
>
> Kevin, VE9-XYZ
> myfamilydotcom@...
>
>
> --- In TS-850_450_690@yahoogroups.com, Crownhaven <crownhaven@>
> wrote:
> >
> > Thanks Clif. That is what I thought too. There was a very good
> review
> > of both the TS-450/690 and 850 in QST. If you are a member, log
on
> > their site and read them. At the time, they called the TS-850S
the
> best
> > CW rig ever manufactured.
> >
> > As for me, I'm not buying ANYTHING that Clif can't work on.
> >
> > Steve, N4JQQ
> >
> > Clif wrote:
> > >
> > > While I agree with most of your statement you need to look
closer
> at
> > > the AIP circuit. It is not a preamp. The AIP reduces the gain
of
> the
> > > IF strip to help prevent overload from strong stations.

> > >
> > > Clif
> > >
> > > --- In TS-850_450_690@yahoogroups.com
> > > <mailto:TS-850_450_690%40yahoogroups.com>, Zack Widup <w9sz@>
> wrote:
> > > >
> > > >
> > > > I've used my 850 on a 6-station Field Day and it is one of
the
> best
> > > > crunch-proof performers on FD every year. Other rigs have
> folded up
> > > under
> > > > the nearby interference. The 850's receiver has to be one of
> the best.
> > > >
> > > > I have never used a 450 but I own a 440. I don't know what the
> > > > similarities and differences are, but some of the things the
> 850 has
> > > > that the 440 doesn't are four levels of AGC
(including "off"),
> AIP
> > > (which
> > > > is really just a receive preamp), quick memories, dual IF
slope
> tuning,
> > > > noise blanker level control, built-in keyer, three keyer
> memories, two
> > > > switchable attenuators, plus a few things I rarely use.
> > > >
> > > > The quick memories are very useful in contesting.
> > > >
> > > > I'm not sure if the TS440 has manually-adjustable antenna
tuner
> > > controls
> > > > through one menu item like the 850 has because my 440 doesn't
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> > > > 73, Zack W9SZ
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> > > > > I like Steve's comments, but I'll add one additional.
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> > > > > I haven't looked the the ARRL lab test comparisons yet, but
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> > > > > better on the 850S. My 850Sat just won't overload in any
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> > > > > crunch-proof receiver. If you don't operate contests, or
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> > > > > bands with LARGE signals, don't invest in the superior
> receiver. But,
> > > > > if you do, i.e. have large antennas (yagis, quads, and
large
> wires
> > > with
> > > > > gain), invest in a 850S-like receiver. You'll never regret
it!
> > > > >
> > > > > 73 de Steven, NL7W
> > > > >
> > > > >
> > > > > Crownhaven wrote:
> > > > >>
> > > > >> I have both radios. The TS-850S has better selectivity. If
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> > > > >> a big contester or don't operate in crowded bands, i.e.,
20
> meter
> > > phone,
> > > > >> you probably won't notice the difference. The TS-850S has
> slope
> > > tuning
> > > > >> which the 450S does not. 850 has a keyer, 450 nix. Both
can
> have
> > > tuners.
> > > > >>
> > > > >> I would absolutely plan on a full compliment of filters in
> either
> > > one.
> > > > >> I have the 500 Hz filters in both IFs of the 850 and a 270
> Hz filter.
> > > > >>
> > > > >> In the 450, I have the two 500 Hz filters and the narrow
1.8
> SSB
> > > > >> filter. That is really the best combination in my opinion.
> > > > >>
> > > > >> I have never tried the INRAD 400 Hz filters but I
understand
> they are

> > > > >> much better than the Kenwood filters.
> > > > >>
> > > > > >> I have 450, 850 and 870. I love Kenwoods. I am a DXer and
> could do
> > > > > >> what I need to do with any of the three rigs providing the
> > > filters are
> > > > > >> installed. I think you would have a blast with both of
them,
> > > switching
> > > > > > >> between them, etc. Good to have a back-up too so you stay
on
> the air
> > > > > > >> when the other one goes to Clif at Avvid.
> > > > > > >>
> > > > > > >> Steve, N4JQQ
> > > > > > >>
> > > > > > >> PS, also have the TS-690S. Great radio on six too.
> > > > > > >>
> > > > > > >> ve9xyz wrote:
> > > > > > >>>
> > > > > > >>> I've had my trusty TS-450SAT and just heard today about a
> TS-850
> > > from
> > > > > > >>> a chap at work whose father owned one before his death
> several years
> > > > > > >>> ago. I've always thought of the TS-850 as the big brother
> to my rig,
> > > > > > >>> but to be honest I really don't know what the
improvements
> over the
> > > > > > >>> TS-450 really are.
> > > > > > >>>
> > > > > > >>> So here's the questions:
> > > > > > >>>
> > > > > > >>> 1. Presuming that this rig is in excellent shape (he says
> it is, is
> > > > > > >>> still in box, etc) - what do I watch out for?
> > > > > > >>>
> > > > > > >>> 2. What are some of the TS-850 benefits over my TS-450?
> > > > > > >>>
> > > > > > >>> I'll do some research on the web, but I felt that this
> group would
> > > > > > >>> have a pretty good perspective on the contrast of these 2
> fine rigs.
> > > > > > >>>
> > > > > > >>> Thanks,
> > > > > > >>>
> > > > > > >>> Kevin
> > > > > > >>> VE9-XYZ
> > > > > > >>>

> > > > >>>
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> > > > >>
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> > > ----------
> > > > >>
> > > > >> No virus found in this incoming message.
> > > > >> Checked by AVG Free Edition.
> > > > >> Version: 7.5.503 / Virus Database: 269.15.12/1098 -
Release
> Date:
> > > 10/29/2007 9:28 AM
> > > > >>
> > > > >
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> > > > > [Non-text portions of this message have been removed]
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>

6424. Re: [TS-850_450_690] Re: Upgrade my TS-450 for a TS-850 ?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-11-06 03:43:11 UTC
From: Rob Frohne
Topic: 6391 Message: 6424

Hi Kevin,

It is available free on the ARRL web site. Our Internet is down now, or
I'd look for you. You can find it with Google using

Product Review TS-850S site:arrl.org

73,

Rob, KL7NA
On Tue, 2007-11-06 at 03:15 +0000, ve9xyz wrote:
> Steve mentioned a review of the 450/690 and 850 in QST (must have
> been in the 90's I would presume). Would anyone have a copy of that
> article they could scan and send to me? (or place in the group files
> section perhaps).
>
> Thanks,
>
> Kevin, VE9-XYZ
> myfamilydotcom@...
>
> --- In TS-850_450_690@yahoogroups.com, Crownhaven <crownhaven@...>
> wrote:
> >
> > Thanks Clif. That is what I thought too. There was a very good
> review
> > of both the TS-450/690 and 850 in QST. If you are a member, log on
> > their site and read them. At the time, they called the TS-850S the
> best
> > CW rig ever manufactured.
> >
> > As for me, I'm not buying ANYTHING that Clif can't work on.
> >
> > Steve, N4JQQ
> >
> > Clif wrote:
> > >
> > > While I agree with most of your statement you need to look closer
> at
> > > the AIP circuit. It is not a preamp. The AIP reduces the gain of
> the
> > > IF strip to help prevent overload from strong stations.
> > >
> > > Clif
> > >
> > > --- In TS-850_450_690@yahoogroups.com

> > > <mailto:TS-850_450_690%40yahoogroups.com>, Zack Widup <w9sz@>
> wrote:
> > > >
> > > >
> > > > I've used my 850 on a 6-station Field Day and it is one of the
> best
> > > > crunch-proof performers on FD every year. Other rigs have
> folded up
> > > under
> > > > the nearby interference. The 850's receiver has to be one of
> the best.
> > > >
> > > > I have never used a 450 but I own a 440. I don't know what the
> > > > similarities and differences are, but some of the things the
> 850 has
> > > > that the 440 doesn't are four levels of AGC (including "off"),
> AIP
> > > (which
> > > > is really just a receive preamp), quick memories, dual IF slope
> tuning,
> > > > noise blanker level control, built-in keyer, three keyer
> memories, two
> > > > switchable attenuators, plus a few things I rarely use.
> > > >
> > > > The quick memories are very useful in contesting.
> > > >
> > > > I'm not sure if the TS440 has manually-adjustable antenna tuner
> > > controls
> > > > through one menu item like the 850 has because my 440 doesn't
> have the
> > > > tuner. But sometimes I use that feature on the 850 too.
> > > >
> > > > 73, Zack W9SZ
> > > >
> > > > On Mon, 29 Oct 2007, Steve Gehring wrote:
> > > >
> > > > > I like Steve's comments, but I'll add one additional.
> > > > >
> > > > > I haven't looked the the ARRL lab test comparisons yet, but I
> > > figure the
> > > > > blocking dynamic range and 3rd order intercept point is quite
> a bit
> > > > > better on the 850S. My 850Sat just won't overload in any
> contest
> > > > > situation. My lesser Icom rig doesn't even hold a candle to
> the 850's
> > > > > crunch-proof receiver. If you don't operate contests, or
> operate on
> > > > > bands with LARGE signals, don't invest in the superior
> receiver. But,

> > > > > if you do, i.e. have large antennas (yagis, quads, and large
> wires
> > > with
> > > > > gain), invest in a 850S-like receiver. You'll never regret it!
> > > > >
> > > > > 73 de Steven, NL7W
> > > > >
> > > > >
> > > > > Crownhaven wrote:
> > > > >>
> > > > >> I have both radios. The TS-850S has better selectivity. If
> you aren't
> > > > >> a big contester or don't operate in crowded bands, i.e., 20
> meter
> > > phone,
> > > > >> you probably won't notice the difference. The TS-850S has
> slope
> > > tuning
> > > > >> which the 450S does not. 850 has a keyer, 450 nix. Both can
> have
> > > tuners.
> > > > >>
> > > > >> I would absolutely plan on a full compliment of filters in
> either
> > > one.
> > > > >> I have the 500 Hz filters in both IFs of the 850 and a 270
> Hz filter.
> > > > >>
> > > > >> In the 450, I have the two 500 Hz filters and the narrow 1.8
> SSB
> > > > >> filter. That is really the best combination in my opinion.
> > > > >>
> > > > >> I have never tried the INRAD 400 Hz filters but I understand
> they are
> > > > >> much better than the Kenwood filters.
> > > > >>
> > > > >> I have 450, 850 and 870. I love Kenwoods. I am a DXer and
> could do
> > > > >> what I need to do with any of the three rigs providing the
> > > filters are
> > > > >> installed. I think you would have a blast with both of them,
> > > switching
> > > > >> between them, etc. Good to have a back-up too so you stay on
> the air
> > > > >> when the other one goes to Clif at Avvid.
> > > > >>
> > > > >> Steve, N4JQQ
> > > > >>
> > > > >> PS, also have the TS-690S. Great radio on six too.
> > > > >>

> > > > >> ve9xyz wrote:
> > > > >>>
> > > > > >>> I've had my trusty TS-450SAT and just heard today about a
> TS-850
> > > from
> > > > > >>> a chap at work whose father owned one before his death
> several years
> > > > > >>> ago. I've always thought of the TS-850 as the big brother
> to my rig,
> > > > > >>> but to be honest I really don't know what the improvements
> over the
> > > > > >>> TS-450 really are.
> > > > > >>>
> > > > > >>> So here's the questions:
> > > > > >>>
> > > > > >>> 1. Presuming that this rig is in excellent shape (he says
> it is, is
> > > > > >>> still in box, etc) - what do I watch out for?
> > > > > >>>
> > > > > >>> 2. What are some of the TS-850 benefits over my TS-450?
> > > > > >>>
> > > > > >>> I'll do some research on the web, but I felt that this
> group would
> > > > > >>> have a pretty good perspective on the contrast of these 2
> fine rigs.
> > > > > >>>
> > > > > >>> Thanks,
> > > > > >>>
> > > > > >>> Kevin
> > > > > >>> VE9-XYZ
> > > > > >>>
> > > > > >>>
> > > > > >>>
> > > > > >>
> > > > > >>
> > > > > >>
> > > > > --
> > > > > >>
> > > > > >> No virus found in this incoming message.
> > > > > >> Checked by AVG Free Edition.
> > > > > >> Version: 7.5.503 / Virus Database: 269.15.12/1098 - Release
> Date:
> > > 10/29/2007 9:28 AM
> > > > > >>
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> > > > > > [Non-text portions of this message have been removed]
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6425. from 9H1SP

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-11-06 10:24:15 UTC
From: Paul Spiteri
Topic: 3603 Message: 6425

Hi Op's,
I am looking for help regarding the MFJ-1026 Noise & Interference Canceler. I bought this to see if it helps me on Top Band. I have a half wave dipole of 254 feet long with 1:1 swr.
I thank you in advance for any reply and hope to meet you also on Top Band.
73s
de'
9H1SP
Paul

--
I am using the free version of SPAMfighter for private users.
It has removed 225 spam emails to date.
Paying users do not have this message in their emails.
Get the free SPAMfighter here: http://www.spamfighter.com/len

[Non-text portions of this message have been removed]

6426. Re: 100 watts in AM on 850 is this normal ? "Down Modulation"??

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-11-06 04:37:31 UTC
From: John Oesterling
Topic: 6403 Message: 6426

No thanks Steve, since you assert that academic knowledge and
experience threaten you as a "trump card" I will refrain further
comment; at least to you. Good luck to you in the future.
>
> John,
>
> If you are so inclined, address distortion-less transmission of a
> TS-850S, given the TGC/ALC circuitry aligned for roughly 100 watts
PEP,
> while operating at 40-watts carrier (reference page 28 of the
> instruction manual, I believe). As you and both know, this rig
wasn't
> designed for 160-watt PEP transmission with any degree of
linearity --
> it isn't even setup or designed to do so.
>
> And please don't tell me distortion isn't present at 40-watts
carrier,
> addressed by an "after the fact" reactionary system -- the closed
loop
> TGC/ALC management in the 850S.
>
> Oh... I still work in the comm and telecom industries in similar
> capacities. Please don't pull your "trump" card again...
>
>
> John Oesterling wrote:
> >
> > I strongly disagree, understanding the physics of AM requires
working
> > knowledge of Fourier transforms and signal components e.g.
Gaussian
> > noise. That is not necessary to operation of a radio. You just
have
> > to be able to read and follow instructions. Ham equipment has type
> > acceptance contingent on following the manufacturer's
instructions to
> > operate said unit. As to being able to monitor for proper
modulation
> > with an outboard receiver; no matter how carefully, it is not
> > possible. Not only have I proven this time and time again with
> > program directors at radio stations where I chief'ed as broadcast
> > engineer but have "straightened out" numerous AM stations cited
for
> > non-compliance with FCC regulations in stations where the program

> > directors thought they could be the engineers when the FCC dropped
> > the requirement to have a engineer with a first class phone. On a
> > scope, every time you see a bright dot between Christmas trees, it
> > correlates with >100% negative peaks... splatter and distortion.
> >
> > --- In TS-850_450_690@yahoogroups.com
> > <mailto:TS-850_450_690%40yahoogroups.com>, "ve9xyz"
<myfamilydotcom@>
> > wrote:
> > >
> > > I noticed the reference to using a "cheap scope" to obssrve the
AM
> > > transmissions of our rigs. I'v always assumed that the fellows
> > were
> > > using an expensive scope and special interface with their
> > > transceiver. Maybe my old beat-up scope can be pressed into
> > service
> > > for this. Can someone explain how we set up a scope to get a
> > > realistic picture of what's going on? I'm guessing that with the
> > > power levels involved, one doesn't need a direct connection.
> > >
> > > Kevin
> > > VE9-XYZ
> > > myfamilydotcom@
> > >
> > >
> > >
> > >
> > > --- In TS-850_450_690@yahoogroups.com
> > <mailto:TS-850_450_690%40yahoogroups.com>, Steve Gehring <steveg@>
> > > wrote:
> > > >
> > > > Actually, the 850S instruction manual has the rig operating
at 40
> > > > watts. It's wrong... That's way to much carrier. The 850S at
> > 40
> > > watts
> > > > carrier causes distorted transmissions on my rig. 20 to 25
watts
> > > > carrier (RF power control max, carrier controlled by the CAR
> > > control),
> > > > reduces the distortion to nil. Knowing and understanding the
> > > basic
> > > > physics of an AM modulated carrier are "key" to properly
> > operating
> > > an AM
> > > > transmitter like this. If this is understood, 40 watts carrier
> > > > operations is "too much" for a 100-watt rig with a properly
> > > adjusted and
> > > > working ALC circuit.

> > > >
> > > > Yes, as scope setup or station monitor would be nice. But one
> > can
> > > > carefully monitor with an outboard receiver -- like I do --
with
> > my
> > > > 50-ohm dummy terminated R-75 and a pair of headphones in the
same
> > > shack.
> > > >
> > > > 73.
> > > >
> > > > John Oesterling wrote:
> > > > >
> > > > > "Down modulation" is a CB term which typically meant the
meter
> > is
> > > > > going down when you talk and really means little to nada nor
> > does
> > > it
> > > > > correlate with modulation linearity.
> > > > > The best way to adjust your rig is with a cheap scope to
look
> > at
> > > the
> > > > > RF envelope to insure you aren't clipping which translates
to
> > > > > spurious emission and splatter.
> > > > > In any case the manufacturer instructions are the best way
to
> > go
> > > with
> > > > > running the 850 on AM.
> > > > >
> > > > > --- In TS-850_450_690@yahoogroups.com
> > <mailto:TS-850_450_690%40yahoogroups.com>
> > > > > <mailto:TS-850_450_690%40yahoogroups.com>, Steve Gehring
> > <steveg@>
> > > > > wrote:
> > > > > >
> > > > > > Please never try to modulate your kenwood rigs on AM with
> > more
> > > that
> > > > > 25
> > > > > > to 40-watts carrier power. For greater verification,
please
> > read
> > > > > the
> > > > > > about 20 to 25-watt carrier comments on this eHam thread:
> > > > > >

> > > > > > http://www.eham.net/articles/9842
> > <http://www.eham.net/articles/9842>
> > > <http://www.eham.net/articles/9842
<http://www.eham.net/articles/9842>>
> > > > > >
> > > > > > One speaks of his TS-450S also. I'm sure my method will
work
> > > fine
> > > > > for
> > > > > > that rig also.
> > > > > >
> > > > > > My procedure stands thus...
> > > > > >
> > > > > > 73 de Steve, NL7W
> > > > > >
> > > > > > condor@ wrote:
> > > > > > >
> > > > > > > Most solid state transmitters, when used in the AM mode
> > > are "Down
> > > > > > modulated",
> > > > > > >
> > > > > > > In classical plate modulated transmitters, the carrier
(say
> > > 100
> > > > > watts),
> > > > > > > goes from 0 watts to 200 watts when a audio signal is
put
> > on
> > > the
> > > > > carrier
> > > > > > > at 100% modulation, with the average being 100 watts.
> > > > > > >
> > > > > > > With down modulated AM, the carrier is 100 watts with no
> > > audio.
> > > > > When
> > > > > > > audio is put on the carrier, the "mean" power drops to
~50
> > > watts
> > > > > (@ 100%
> > > > > > > modulation), so the peak of the modulated signal does
not
> > > exceed
> > > > > 100
> > > > > > > watts... as a safety factor, the average "mean" power is
> > set
> > > to
> > > > > ~40 watts.
> > > > > > >
> > > > > > > The amount of "down" is driven by the ALC circuit, so
the

> > peak
> > > > > does not
> > > > > > > exceed 100 watts, to protect the finals. At 50%
modulation,
> > > the
> > > > > peak
> > > > > > > will still be 100 watts, and the mean output will be
> > > > > approximately 75
> > > > > > > watts, and the low will be 50 watts.
> > > > > > >
> > > > > > > In this case, it is not the average power (75 watts)
that is
> > > > > important,
> > > > > > > but the amount of power that carries information, which
is
> > the
> > > > > > > difference between the high and the low power, so that
> > would
> > > be
> > > > > > > approximately 50~ish watts.
> > > > > > >
> > > > > > > There is nothing wrong with your radio.
> > > > > > >
> > > > > > > Paul K2BK
> > > > > > >
> > > > > > > Steve Gehring wrote:
> > > > > > >
> > > > > > > Hi Again Tom,
> > > > > > >
> > > > > > > Yes, they will. But, they are not designed to operate
AM
> > at
> > > 100
> > > > > > watts
> > > > > > > > with any modulation to speak of... and remain within
the
> > > 100 to
> > > > > > 120 watt
> > > > > > > > max linear portion of the final amplifier's curve.
> > > > > > >
> > > > > > > That being said, a 25-watt carrier, when modulated to
> > 100%,
> > > has
> > > > > > a Peak
> > > > > > > > Envelope Power (PEP) power four times the carrier
power,
> > or
> > > > 100
> > > > > > watts --
> > > > > > > > within the final amp's linear curve. 40-watts, at 100%

> > has a
> > > > > PEP of 160
> > > > > > > > watts -- slightly above the linear curve -- pushing
the
> > > curve
> > > > > to its
> > > > > > > > limits. At 40-watts carrier, the ALC circuit should
> > > suppress or
> > > > > limit
> > > > > > > > the modulation to something less than 100% -- to keep
it
> > > > > somewhat linear
> > > > > > > > and distortion free. But remember, the ALC circuit is
a
> > > > > reactionary
> > > > > > > > one. It reacts to an overdrive condition that's has
> > already
> > > > > happened --
> > > > > > > > distortion that is momentary, but there nonetheless.
> > > > > > > >
> > > > > > > > I run my 850S at 20 to 25-watts carrier, using the
method
> > > I've
> > > > > > > > described, and can then drive my Alpha amp to around
250
> > to
> > > 300
> > > > > > watts
> > > > > > > > carrier, and know my linear also remains clean
(within its
> > > > > capabilities)
> > > > > > > > and well within the legal limit -- which is 375 watts
> > > carrier
> > > > > > when
> > > > > > > > modulated to 100%, or 1500-watts PEP.
> > > > > > > >
> > > > > > > > 73.
> > > > > > > >
> > > > > > > > Thomas Jones wrote:
> > > > > > > >
> > > > > > > > Thanks for the Steve but I was wondering if all
> > > > > > > > TS850's do the full 100 watts or has someone done
> > > > > > > > something to change this ? The manual says 40 watts
> > > > > > > > max ???
> > > > > > > >
> > > > > > > > Thanks...Tom N8NMA
> > > > > > > >
> > > > > > > > --- Steve Gehring <steveg@
> > > > > > > <mailto:steveg%40mtaonline.net> <mailto:steveg%
> > > 40mtaonline.net>

> > > > > > > > > <mailto:steveg%40mtaonline.net>> wrote:
> > > > > > > > > >
> > > > > > > > > > > Hey Tom,
> > > > > > > > > > >
> > > > > > > > > > > For a proper and clean signal on AM only, do this
> > > > > > > > > > > in-order, until you
> > > > > > > > > > > get the hang of AM ops:
> > > > > > > > > > >
> > > > > > > > > > > 1. Select the AM mode.
> > > > > > > > > > > 2. Turn down the mic gain to zero (fully
> > > > > > > > > > > counterclock)
> > > > > > > > > > > 3. Adjust the RF Power output control for maximum
> > > > > > > > > > > (fully clockwise).
> > > > > > > > > > > 4. Into a dummy load, key the mic for 100 watts
> > > > > > > > > > > output.
> > > > > > > > > > > 5. Reduce the 100 watts RF output with the Carrier
> > > > > > > > > > > Control (labeled
> > > > > > > > > > > "CAR" on the rig) to 25 watts.
> > > > > > > > > > > 6. Select the ALC range on the multimeter, if not
> > > > > > > > > > > already there -- when
> > > > > > > > > > > transmitting.
> > > > > > > > > > > 7. Begin to increase the MIC gain while speaking
> > > > > > > > > > > normally into the
> > > > > > > > > > > microphone, stop the MIC gain advance when the ALC
> > > > > > > > > > > peaks mid scale --
> > > > > > > > > > > within the "red bar" ALC range.
> > > > > > > > > > >
> > > > > > > > > > > That's it. With 25 watts carrier power, and the RF
> > > > > > > > > > > power set for 100
> > > > > > > > > > > watts peak power, as well as the mic gain properly
> > > > > > > > > > > setup, you now have a
> > > > > > > > > > > 25-watt, low-level modulated, transmitter capable
of
> > > > > > > > > > > 100% modulation --
> > > > > > > > > > > which can peak to 100 watts. With this setup, you
> > > > > > > > > > > should see positive
> > > > > > > > > > > peaking RF power on the rig's meter, as well as
> > > > > > > > > > > external watt meter,
> > > > > > > > > > > when modulating with a voice.
> > > > > > > > > > >
> > > > > > > > > > > GL de Steven, NL7W
> > > > > > > > > > >
> > > > > > > > > > >
> > > > > > > > > > >
> > > > > > > > > > >
> > > > > > > > > > > Thomas Jones wrote:
> > > > > > > > > > >
> > > > > > > > > > > > I just bought this 850 about a month ago and was
> > > > > > > > > > > just
> > > > > > > > > > > > going through all the modes and noticed that it

> > > > > > > > > > > > transmits at 100 watts on AM (checked it with
the
> > > > > > > > > > > > bird) and the manual says 40 watts. Is this
normal
> > > > > > > > > > > ?
> > > > > > > > > > > > Is this an adjustment done by the operator with
> > > > > > > > > > > the
> > > > > > > > > > > carrier control to bring it down to 40 watts or
> > > > > > > > > > has
> > > > > > > > > > > someone changed it internally ? Or is something
> > > > > > > > > > going
> > > > > > > > > > > bad inside the radio ? Any help would be great.
> > > > > > > > > >
> > > > > > > > > > > Thanks
> > > > > > > > > >
> > > > > > > > > > > Tom N8NMA
> > > > > > > > > >
> > > > > > > > > >

> > > > > > > > > > > Do You Yahoo!?
> > > > > > > > > > > Tired of spam? Yahoo! Mail has the best spam
> > > > > > > > > > protection around
> > > > > > > > > > > http://mail.yahoo.com <http://mail.yahoo.com>
> > <http://mail.yahoo.com <http://mail.yahoo.com>>
> > > > > <http://mail.yahoo.com <http://mail.yahoo.com>
> > <http://mail.yahoo.com <http://mail.yahoo.com>>>
> > > > > > > <http://mail.yahoo.com <http://mail.yahoo.com>
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> > > > > > > > > > > Checked by AVG Free Edition.
> > > > > > > > > > > Version: 7.5.503 / Virus Database:
269.15.14/1100
> > > > > > > > > > > - Release Date: 10/30/2007 6:26 PM
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> > > > > > > > > > > ____
> > > > > > > > > > > Do You Yahoo!?
> > > > > > > > > > > Tired of spam? Yahoo! Mail has the best spam
protection
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> > > > > > > > > > > Version: 7.5.503 / Virus Database: 269.15.18/1104 -
> > > Release
> > > > > Date:
> > > > > > > > > > 11/1/2007 6:47 PM
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> > > > > > > > > >
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> > > > > > > > > > > Version: 7.5.503 / Virus Database: 269.15.18/1104 -
Release
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> > > > > > > > > > Checked by AVG Free Edition.
> > > > > > > > > > Version: 7.5.503 / Virus Database: 269.15.21/1109 - Release
> > Date:
> > > > 11/4/2007 11:05 AM
> > > > > > > > >
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> > > > > > > >
> > > > > > > > > [Non-text portions of this message have been removed]
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> >
> > No virus found in this incoming message.
> > Checked by AVG Free Edition.
> > Version: 7.5.503 / Virus Database: 269.15.22/1111 - Release Date:
11/5/2007 4:36 AM
> >
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>
> [Non-text portions of this message have been removed]
>

6427. TS-850S Comp Control.

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-11-06 13:45:58 UTC
From: terry
Topic: 6427 Message: 6427

Hello, could I ask TS-850S users for their help please.

My partially sighted pal is using his TS-850S via computer control, mainly as the frequency display window on his software is larger and easier to view than the display on the radio.

The one and only problem he has come up against is when tuning the radio via the vfo knob the softwares frequency display is very slow to catch up with the radios tuned frequency.

In reverse when he tunes his radio from the software the radios frequency is almost instant so tracking is good.

As the radio's baud rate is fixed at 4800 B it is not possible to try different baud rates for him - I cannot find any other setting that can be altered in the radio.

Is the problem been caused by slow data been sent from the radio to the computer I wonder ?.

Does any other TS-850 user find the same when using with computer control ?.

As above he only wants to use computer control really as a larger software display is the plus side for him.

Many Thanks.

Terry.

[Non-text portions of this message have been removed]

6428. Re: [TS-850_450_690] TS-850S Comp Control.

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-11-06 14:56:43 UTC
From: Zack Widup
Topic: 6427 Message: 6428

Hi Terry,

Yes, if you look in the control manual for the TS-850 (and other Kenwood rigs - I believe they all use the same format) the frequency is sent as an ASCII character string to the rig. At 4800 baud, it takes a bit of time to send 8 or 9 ASCII characters and decode them in the radio. Rapidly changing frequencies, there is definitely a lag in the computer > radio interface. Not much you can do but live with it!

73, Zack W9SZ

On Tue, 6 Nov 2007, terry wrote:

> Hello, could I ask TS-850S users for their help please.
>
> My partially sighted pal is using his TS-850S via computer control, mainly
> as the frequency display window on his software is larger and easier to view
> than the display on the radio.
>
> The one and only problem he has come up against is when tuning the radio via
> the vfo knob the softwares frequency display is very slow to catch up with
> the radios tuned frequency.
>
> In reverse when he tunes his radio from the software the radios frequency is
> almost instant so tracking is good.
>
> As the radio's baud rate is fixed at 4800 B it is not possible to try
> different baud rates for him - I cannot find any other setting that can be
> altered in the radio.
>
> Is the problem been caused by slow data been sent from the radio to the
> computer I wonder ?.
>
> Does any other TS-850 user find the same when using with computer control ?.
>

6429. Re: TS-850S Comp Control.

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-11-06 15:17:05 UTC
From: ve3tmt
Topic: 6427 Message: 6429

Terry,

What software is your buddy using? Most have a place where you can adjust the polling speed of this software. This determines the interval at which the software is reading data from the radio. I always set the software for the fastest polling speed possible, usually somewhere in the area of 100 ms.

Max

6430. Re: [TS-850_450_690] Re: TS-850S Comp Control.

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-11-06 16:16:10 UTC
From: terry
Topic: 6427 Message: 6430

Hello Max.
My pal has tried Commander by Dave AA6YQ I have tried setting
the polling speed of Commander down as far as 50 ms - it does make a small
amount of difference to the speed of the display but not much at all - I
think my pal will now go the other way and use Commander as it should be
used and tune the radio from the software and not the other way round - at
least he will be able to use the larger display of Commander.

Thanks all for the replies and help.

73es.

Terry.

-------Original Message-------

From: ve3tmt
Date: 06/11/2007 15:17:16
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] Re: TS-850S Comp Control.

Terry,

What software is your buddy using? Most have a place where you can
adjust the polling speed of this software. This determines the
interval at which the software is reading data from the radio. I
always set the software for the fastest polling speed possible,
usually somewhere in the area of 100 ms.

Max

[Non-text portions of this message have been removed]

6431. Re: [TS-850_450_690] Re: TS-850S Comp Control.

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-11-06 17:09:54 UTC
From: W2DRH
Topic: 6427 Message: 6431

Terry,
Is you friend using Window eyes or jaws as a visually impared person's screen reader? These programs for the blind (and visually impared) can hog all kinds of memory and other computer resources. My brother (WY2D) is legally blind. I set him up with these programs and they do work well. I would suggest he might research these programs and see if it is compatible with the CAT software he is using. The reason I suggest this is simple. God forbid, he experiences additional sight loss, he needs to have a fall back platform to use. These are the very best synthesized screen readers, and he could just listen as he tunes and sets up his rig. The Caveat is, it depends on how the cat reports the radio data. If I can be of help, please contact me off line email. I have set these programs up for many visually impared and blind persons. The lighthouse for the blind is also a very good source for additional resources. Also a group called Handihams (handicapped amateur radio operators) has additional onto that might help. Please keep in touch and let me know how you make out.
73
Dave
----- Original Message -----
From: "terry" <terry.tankard@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Tuesday, November 06, 2007 11:16 AM
Subject: Re: [TS-850_450_690] Re: TS-850S Comp Control.

> Hello Max.
> My pal has tried Commander by Dave AA6YQ I have tried setting
> the polling speed of Commander down as far as 50 ms - it does make a small
> amount of difference to the speed of the display but not much at all - I
> think my pal will now go the other way and use Commander as it should be
> used and tune the radio from the software and not the other way round - at
> least he will be able to use the larger display of Commander.
>
> Thanks all for the replies and help.
>
> 73es.
>
> Terry.
>
> ---
> ----------------------------
>
> -------Original Message-------
>
> From: ve3tmt
> Date: 06/11/2007 15:17:16

> To: TS-850_450_690@yahoogroups.com
> Subject: [TS-850_450_690] Re: TS-850S Comp Control.
>
> Terry,
>
> What software is your buddy using? Most have a place where you can
> adjust the polling speed of this software. This determines the
> interval at which the software is reading data from the radio. I
> always set the software for the fastest polling speed possible,
> usually somewhere in the area of 100 ms.
>
> Max
>
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>
> [Non-text portions of this message have been removed]
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>
> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
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6432. Re: TS-850S Comp Control.

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-11-06 19:14:51 UTC
From: terry
Topic: 6427 Message: 6432

Hi.
His interface is the G4ZLP interface which is very much used over this side of the pond - i have several of them and they work fine.

I think we are talking at cross purposes -- he is able to tune the radio via CAT and the software - tracking is very fast, all he is wanting to do really is to be able to tune the radio with the radios own vfo knob and read the frequency from the softwares display window which is larger than the radios display -- I suppose in one sense all he is looking to achieve is using the softwares frequency display as sort of a large extension frequency readout.

The 850 certainly does have the reputation of being a good radio that is for sure - it seems that he has made is mind up and wants to go for a 570 ! He has one on his desk now with a view to buying it ! As said in a previous post if he does decide to sell the 850 there is no doubt about it I shall buy it.

Thanks.

Terry.

What type of interface is he using? Mine is homebrew and as I said it transfers data pretty quickly. Using HRD you can tune the radio as normal and the display in HRD tunes along. Also you can click on the screen and the radio will tune accordingly. Isn't this what he wants it to do? I have also owned the 570, and although newer it does not have the same receiver performance as the 850. Although it does have DSP.

Max

.

[Non-text portions of this message have been removed]

6433. Re: TS-850S Comp Control.

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-11-06 19:40:32 UTC
From: terry
Topic: 6427 Message: 6433

Sorry Max, I did not read your last post correctly.

Yes the below is just what he is wanting to do,it does work but the tracking seems very slow when tuning the radios vfo, the software takes a second or two to catch up with the radios displayed frequency.
Terry.

Using HRD you can tune the radio as normal and the display in HRD tunes along.
Max

[Non-text portions of this message have been removed]

6434. Re: TS-850S Comp Control.

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-11-07 00:11:51 UTC
From: Roland Spoon
Topic: 6427 Message: 6434

I am using HRD and it tracks fine as long as I tune at a somewhat slow pace (I hunt for DX) but if you tune too fast it will take time for the software to catch up. I do like the DX Cluster on HRD just click on the DX station and instantly your radio is there correct frequency reading & mode and all Very Nice :=).

73
Roland AH6RR

-- In TS-850_450_690@yahoogroups.com, "terry" <terry.tankard@...>
wrote:
>
> Sorry Max, I did not read your last post correctly.
>
> Yes the below is just what he is wanting to do,it does work but
the tracking
> seems very slow when tuning the radios vfo, the software takes a
second or
> two to catch up with the radios displayed frequency.
> Terry.
>
>
> Using HRD you can tune the radio as normal and the display in HRD
tunes
> along.
> Max
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> [Non-text portions of this message have been removed]
>

6435. Off topic - Thank You.

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-11-07 00:31:49 UTC
From: terry
Topic: 6435 Message: 6435

Hi.
Thanks very much for the info, no as far as I know he is not using the
below software but I have noted it and shall pass it on to him tomorrow !
Wednesday !, he has not had sight problems very long ! Caused through an
accident at work ! So he is still coming to terms with the disability.

Right now he is keen to be able to get back to his Ham radio hobby - he rang
me this evening to say that he had indeed bought the TS-570DGE it tracks
fine with the various CAT programs that are available.

I have bought the 850 of him a very nice radio as well.

Anyway will close this mail now.

Thanks for all the help is is appreciated.

73es.

Terry.

Is you friend using Window eyes or jaws as a visually impared person's
screen reader? These programs for the blind (and visually impared)

Recent Activity
6New Members
Visit Your Group
10 pairs of tickets
a day from Yahoo!
Fly home for the
Holidays for free.
Yahoo! Groups
Be a Better Planet
Share with others
Help the Planet.
Featured Y! Groups
and category pages.
There is something
for everyone..

[Non-text portions of this message have been removed]

6436. Re: [TS-850_450_690] Re: TS-850S Comp Control.

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-11-07 00:38:46 UTC
From: terry
Topic: 6427 Message: 6436

Hi Roland, as my mail to the group a few minutes ago - I have now bought the TS-850S of my pal.

I am running it with Ham Radio Deluxe as you say it is possible to track ok so long as you tune the radio slowly.

I also have a TS-450 that I run with Ham Radio Deluxe - both software and the 450 run fine together with non of the tracking problems even when tuning quite fast.

Many Thanks.
Terry.

I am using HRD and it tracks fine as long as I tune at a somewhat slow pace (I hunt for DX) but if you tune too fast it will take time for the software to catch up. I do like the DX Cluster on HRD just click on the DX station and instantly your radio is there correct frequency reading & mode and all Very Nice :=).

73
Roland AH6RR

-

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[Non-text portions of this message have been removed]

6437. Re: Speech processor/sidetone pitch

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-11-07 02:00:36 UTC
From: Mike
Topic: 6411 Message: 6437

--- In TS-850_450_690@yahoogroups.com, "Clif" <clif@...> wrote:
>
> Operating Manual
>
> Page 53
>
> Clif
>
>
> --- In TS-850_450_690@yahoogroups.com, "Mike" <hamdriver66@> wrote:
> >
> >
> > Thanks for the reply,Dave. No menu items or controls that I can
find
> > regarding sidetone pitch. Been doing lot of reading on prior
posts
> > for answer but none so far. Will keep looking! Mike K4KJC
> >
> >
> >
> > Thanks Clif, but I am looking for a way to lower the sidetone
pitch during transmit. Found a post that says modification of
sidetone circuit is the only way.
> >
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> >
> > --- In TS-850_450_690@yahoogroups.com, "ve3wej gmail" <ve3wej@>
> > wrote:
> > >
> > > speech is AF (audio frequency)...
> > >
> > >
> > > is there a menu setting for sidetone pitch?? i do not own a
450,
> > have to
> > > wait for an owner to tell you that one, or check the manual
(last
> > resort, hi

> > > hi)
> > >
> > > the ts850 has a "pitch" button on the front that can be
changed,
> > maybe the
> > > 450 does??? as well
> > >
> > >
> > > VE3WEJ
> > > Dave Garber
> > >
> > > 10-X # 23465
> > > echolink # 52852
> > > irlp node 2202
> > > email ve3wej@
> > > ----- Original Message -----
> > > From: Mike
> > > To: TS-850_450_690@yahoogroups.com
> > > Sent: Sunday, November 04, 2007 4:48 PM
> > > Subject: [TS-850_450_690] Speech processor/sidetone pitch
> > >
> > >
> > > Hello from a new member with TS450S questions. Just bought
used
> > 450S
> > > and wonder if anyone can tell me if the speech processor is
RF or
> > AF
> > > type processor. Getting good audio reports so It doesn't
really
> > matter
> > > except for my curiosity. Also, is there a way to lower the CW
> > sidetone
> > > pitch, it is too high for my liking. Thanks for help, this
seems
> > like
> > > a good group.....Mike
> > >
> > >
>

6438. Re: Speech processor/sidetone pitch

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-11-07 04:53:39 UTC
From: Clif
Topic: 6411 Message: 6438

Turn the sidetone off and use your keyer sidetone.

Clif

--- In TS-850_450_690@yahoogroups.com, "Mike" <hamdriver66@...> wrote:
>
> --- In TS-850_450_690@yahoogroups.com, "Clif" <clif@> wrote:
> >
> > Operating Manual
> >
> > Page 53
> >
> > Clif
> >
> >
> > --- In TS-850_450_690@...m, "Mike" <hamdriver66@> wrote:
> > >
> > >
> > > Thanks for the reply,Dave. No menu items or controls that I can
> find
> > > regarding sidetone pitch. Been doing lot of reading on prior
> posts
> > > for answer but none so far. Will keep looking! Mike K4KJC
> > >
> > >
> > >
> > > Thanks Clif, but I am looking for a way to lower the sidetone
> pitch during transmit. Found a post that says modification of
> sidetone circuit is the only way.
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> > > --- In TS-850_450_690@yahoogroups.com, "ve3wej gmail" <ve3wej@>
> > > wrote:
> > > >
> > > > speech is AF (audio frequency)...
> > > >
> > > >

> > > > is there a menu setting for sidetone pitch?? i do not own a
> 450,
> > > have to
> > > > wait for an owner to tell you that one, or check the manual
> (last
> > > resort, hi
> > > > hi)
> > > >
> > > > the ts850 has a "pitch" button on the front that can be
> changed,
> > > maybe the
> > > > 450 does??? as well
> > > >
> > > >
> > > > VE3WEJ
> > > > Dave Garber
> > > >
> > > > 10-X # 23465
> > > > echolink # 52852
> > > > irlp node 2202
> > > > email ve3wej@
> > > > ----- Original Message -----
> > > > From: Mike
> > > > To: TS-850_450_690@yahoogroups.com
> > > > Sent: Sunday, November 04, 2007 4:48 PM
> > > > Subject: [TS-850_450_690] Speech processor/sidetone pitch
> > > >
> > > >
> > > > Hello from a new member with TS450S questions. Just bought
> used
> > > 450S
> > > > and wonder if anyone can tell me if the speech processor is
> RF or
> > > AF
> > > > type processor. Getting good audio reports so It doesn't
> really
> > > matter
> > > > except for my curiosity. Also, is there a way to lower the CW
> > > sidetone
> > > > pitch, it is too high for my liking. Thanks for help, this
> seems
> > > like
> > > > a good group.....Mike
> > > >
> > >
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> >
>

6440. Inrad filter

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-11-08 02:38:41 UTC
From: kb1kox
Topic: 6440 Message: 6440

GE all
Has anyone changed the stock 2.7 filter to a 2.8 inrad?Is it worth doing? I happen to have a spare and had given it some thought,but figured if its been done,someone on this group has done it!

73
Neil
AE1P

6441. Re: Inrad filter

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-11-08 15:51:28 UTC
From: ve3tmt
Topic: 6440 Message: 6441

Hi Neil,

I wouldn't think there would be much use in going to the trouble of swapping the filter for that little difference. Of course you could mount it on some perfboard and solder some RG-174 coax to the optional filter pins for a quick trial and error.

Another option is the YK88S-2 SSB filter. This is the stock filter in the 930 and 870 radios. It is 3 Khz wide. I have done this swap before and it makes a bigger change in both rx and TX.

Max
VE3TMT

6442. TR/Control

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-11-08 16:23:06 UTC
From: Paul Spiteri
Topic: 6442 Message: 6442

Hi all,
I just bought an MFJ-1026 and the manual recommend using this phono connector to switch the transmit mode. The MFJ switches out-of-circuit whenever the line is pulled low (below one volt). Never apply negative voltages, or voltages over 15 volts positive to this jack.
Connect the TR/Control with an external PTT source. Many modern tranceivers have an External PTT output pin. This can be used to pull the TR/Control line LOW.
Can someone please tell me where can I contact the TR/Control with the TS-850 ??
I did not found any External PTT on the back of the TS-850.
Thanks
73s
9H1SP Paul

--
I am using the free version of SPAMfighter for private users.
It has removed 228 spam emails to date.
Paying users do not have this message in their emails.
Get the free SPAMfighter here: http://www.spamfighter.com/len

[Non-text portions of this message have been removed]

6443. Re: TR/Control

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-11-08 16:51:53 UTC
From: ve3tmt
Topic: 6442 Message: 6443

--- In TS-850_450_690@yahoogroups.com, "Paul Spiteri" <9h1sp@...> wrote:
>
> Hi all,
> I just bought an MFJ-1026 and the manual recommend using this phono connector to switch the transmit mode. The MFJ switches out-of-circuit whenever the line is pulled low (below one volt). Never apply negative voltages, or voltages over 15 volts positive to this jack. Connect the TR/Control with an external PTT source. Many modern tranceivers have an External PTT output pin. This can be used to pull the TR/Control line LOW.
> Can someone please tell me where can I contact the TR/Control with the TS-850 ??
> I did not found any External PTT on the back of the TS-850.
> Thanks
> 73s
> 9H1SP Paul

Paul,

On the REMOTE connector there is a pin that is pulled to ground when you key up. It is used for keying amplifiers. I have posted the pinouts in the files section.

Max
VE3TMT

6444. Re: Upgrade my TS-450 for a TS-850 ?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-11-08 20:50:49 UTC
From: Steve Matda
Topic: 6391 Message: 6444

Has anyone seen this regarding the 450/690 IP3 test published in QST?

http://www.nitehawk.com/sm5bsz/dynrange/rig_compare.htm#14_TS450S

This guy says he can't reproduce the ARRLs "unusual" results.

I'd be interested to get some comments regarding his results--he theorizes that the 450 design he tested was somehow "modified" over the one the ARRL tested.

Steve, KE4MOB

--- In TS-850_450_690@yahoogroups.com, Steve Gehring <steveg@...> wrote:
>
> I like Steve's comments, but I'll add one additional.
>
> I haven't looked the the ARRL lab test comparisons yet, but I figure the
> blocking dynamic range and 3rd order intercept point is quite a bit
> better on the 850S. My 850Sat just won't overload in any contest
> situation. My lesser Icom rig doesn't even hold a candle to the 850's
> crunch-proof receiver. If you don't operate contests, or operate on
> bands with LARGE signals, don't invest in the superior receiver. But,
> if you do, i.e. have large antennas (yagis, quads, and large wires with
> gain), invest in a 850S-like receiver. You'll never regret it!
>
> 73 de Steven, NL7W
>
>
> Crownhaven wrote:
> >
> > I have both radios. The TS-850S has better selectivity. If you aren't
> > a big contester or don't operate in crowded bands, i.e., 20 meter phone,
> > you probably won't notice the difference. The TS-850S has slope tuning
> > which the 450S does not. 850 has a keyer, 450 nix. Both can have tuners.
> >
> > I would absolutely plan on a full compliment of filters in either one.
> > I have the 500 Hz filters in both IFs of the 850 and a 270 Hz filter.
> >
> > In the 450, I have the two 500 Hz filters and the narrow 1.8 SSB
> > filter. That is really the best combination in my opinion.
> >
> > I have never tried the INRAD 400 Hz filters but I understand they are
> > much better than the Kenwood filters.
> >
> > I have 450, 850 and 870. I love Kenwoods. I am a DXer and could do
> > what I need to do with any of the three rigs providing the filters are
> > installed. I think you would have a blast with both of them, switching

> > between them, etc. Good to have a back-up too so you stay on the air
> > when the other one goes to Clif at Avvid.
> >
> > Steve, N4JQQ
> >
> > PS, also have the TS-690S. Great radio on six too.
> >
> > ve9xyz wrote:
> > >
> > > I've had my trusty TS-450SAT and just heard today about a TS-850 from
> > > a chap at work whose father owned one before his death several years
> > > ago. I've always thought of the TS-850 as the big brother to my rig,
> > > but to be honest I really don't know what the improvements over the
> > > TS-450 really are.
> > >
> > > So here's the questions:
> > >
> > > 1. Presuming that this rig is in excellent shape (he says it is, is
> > > still in box, etc) - what do I watch out for?
> > >
> > > 2. What are some of the TS-850 benefits over my TS-450?
> > >
> > > I'll do some research on the web, but I felt that this group would
> > > have a pretty good perspective on the contrast of these 2 fine rigs.
> > >
> > > Thanks,
> > >
> > > Kevin
> > > VE9-XYZ
> > >
> > >
> > >
> >
> >
> > ---
> >
> > No virus found in this incoming message.
> > Checked by AVG Free Edition.
> > Version: 7.5.503 / Virus Database: 269.15.12/1098 - Release Date: 10/29/2007 9:28
AM
> >
>
>
>
> [Non-text portions of this message have been removed]
>

6445. Re: Inrad filter

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-11-08 22:39:26 UTC
From: kb1kox
Topic: 6440 Message: 6445

Thanks Max on the info on the YK88S-2 SSB filter,thought the 2.8 swap
would be a waste of time,but the 3.0 khz swap sounds promising!
73
Neil
AE1P

--- In TS-850_450_690@yahoogroups.com, "ve3tmt" <ve3tmt@...> wrote:
>
> Hi Neil,
>
>
> I wouldn't think there would be much use in going to the trouble of
> swapping the filter for that little difference. Of course you could
> mount it on some perfboard and solder some RG-174 coax to the optional
> filter pins for a quick trial and error.
>
> Another option is the YK88S-2 SSB filter. This is the stock filter in
> the 930 and 870 radios. It is 3 Khz wide. I have done this swap before
> and it makes a bigger change in both rx and TX.
>
> Max
> VE3TMT
>

6446. Re: [TS-850_450_690] TR/Control

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-11-10 01:06:57 UTC
From: Anthony W. DePrato
Topic: 6442 Message: 6446

>look at the din plug the 13 connector one it should have a PTT
>pin 1 will be N.O. NORMALY OPEN and 1 with be N.C. NORMALY CLOSED.
>use the N.O. and ground.

73 Tony

QBE ZUT DE WA4JQS

ANTHONY W. (Tony) DePrato WA4JQS EXTRA - HEAVY
Since 1962
CQ DX HALL OF FAME # 35
A1-OP FISTS # 10573 SKCC #1227 F.O.P.
DXCC PHONE- DXCC CW- DXCC RTTY- DXCC MIXED
DXCC 40, 20, 15, 10 METERS
South Sandwich Island Dxpedition Group
CALLS HELD:
WA4JQS/ZS1, WA4JQS/KC4, WA4JQS/4K1
ZD8JQS, V31SS, VP8BZL, VP8SSI, 3Y0PI

[Non-text portions of this message have been removed]

6447. Re: [TS-850_450_690] TR/Control

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-11-10 01:56:06 UTC
From: ve3wej gmail
Topic: 6442 Message: 6447

ptt in the 13 pin din is either pin 9 or 13, (not pin 1) depending on model. you can also wire pin 9 with a diode to pin 13.....

ground is pin 4, 8 and 12

VE3WEJ
Dave Garber

10-X # 23465
echolink # 52852
irlp node 2202
email ve3wej@...
----- Original Message -----
From: Anthony W. DePrato
To: TS-850_450_690@yahoogroups.com
Sent: Friday, November 09, 2007 8:06 PM
Subject: Re: [TS-850_450_690] TR/Control

>look at the din plug the 13 connector one it should have a PTT
>pin 1 will be N.O. NORMALY OPEN and 1 with be N.C. NORMALY CLOSED.
>use the N.O. and ground.

73 Tony

QBE ZUT DE WA4JQS

ANTHONY W. (Tony) DePrato WA4JQS EXTRA - HEAVY
Since 1962
CQ DX HALL OF FAME # 35
A1-OP FISTS # 10573 SKCC #1227 F.O.P.
DXCC PHONE- DXCC CW- DXCC RTTY- DXCC MIXED
DXCC 40, 20, 15, 10 METERS
South Sandwich Island Dxpedition Group
CALLS HELD:
WA4JQS/ZS1, WA4JQS/KC4, WA4JQS/4K1
ZD8JQS, V31SS, VP8BZL, VP8SSI, 3Y0PI

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

6448. RX Issue on my ts-850s

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-11-11 02:50:00 UTC
From: chad
Topic: 6448 Message: 6448

hello all,

Im new to the group and first want to say hello and im glad there is a sight for getting info for keep up these great radios. with that hes my problems im having

I just bought this ts-580s and when you first turn on you have to wait about 2-4 mins for sound to come on then it take a few more seconds for the sound to clear up...after that work great

2nd after warmed up every min or so the meter will spike and the RX goes away just for a brief second. Might be the same problem as the first causing this not sure im no exspert on radio

hope some on can help..
ty
chad
kb9ykn

6449. looking for: AT-580 internal antenna tuner

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-11-11 02:52:12 UTC
From: chad
Topic: 6449 Message: 6449

im looking for a tuner for my TS-850s. any one know where to fine one?
ty
chad

6450. my new to me TS850s

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-11-11 21:04:39 UTC
From: Robert 'RC' Conley
Topic: 6450 Message: 6450

I was given his TS850s and PS52 power supply. However the DC power cable was missing along with the manual. The cable I've managed to locate from several sources. Any idea where may I find or purchase a Manual
Thanks 73/72 de RC kc5wa

6451. Re: my new to me TS850s

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-11-11 23:20:35 UTC
From: ve3tmt
Topic: 6450 Message: 6451

--- In TS-850_450_690@yahoogroups.com, "Robert 'RC' Conley"
<rc.kc5wa@...> wrote:
>
> I was given his TS850s and PS52 power supply. However the DC power
> cable was missing along with the manual. The cable I've managed to
> locate from several sources. Any idea where may I find or purchase a
> Manual
> Thanks 73/72 de RC kc5wa
>
Robert,

You can download a copy of the users manual in the files section of
this group. It is in the "MANUALS AND SCHEMATICS" folder. Nice deal on
the 850. Excellent radio to say the least.

Max
VE3TMT

6452. AVVID & Clif Super Service

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-11-14 02:51:21 UTC
From: Roland Spoon
Topic: 6452 Message: 6452

Talk about fast and excellent service. Clif can't be beat.
73 de AH6RR

6453. 6 meter usage with TS-690S

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-11-14 05:12:59 UTC
From: tracy033
Topic: 6453 Message: 6453

Hello Group,

Does anybody here have any experience using 6 meter repeaters using the 690-S? After looking at the manual, I see that a TU-8 tone unit is needed to set tones. I can't find one, but can find a TU-8x tone encoder from Piexx.com. Does anybody know about these and if they are worth using? The repeater I am trying to use has a -1.7 tone setting. I did not see any minus settings when looking at the TU-8 link on this site. Am I missing something? I don't want to buy this unit and find out it is not usable. Am I entirely off base with my concerns?
Help!!

Thanks

Tracy

6454. Re: 6 meter usage with TS-690S

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-11-14 11:19:03 UTC
From: Clif
Topic: 6453 Message: 6454

Go to http://www.hamuniverse.com/repeater.html and read the article.
It explains repeaters very well and will answer all your questions.
And yes the Piexx board is a direct replacement for the discontinued
Kenwood board.

Clif

--- In TS-850_450_690@yahoogroups.com, "tracy033" <tracy033@...> wrote:
>
> Hello Group,
>
> Does anybody here have any experience using 6 meter repeaters using
> the 690-S? After looking at the manual, I see that a TU-8 tone unit
> is needed to set tones. I can't find one, but can find a TU-8x tone
> encoder from Piexx.com. Does anybody know about these and if they are
> worth using? The repeater I am trying to use has a -1.7 tone setting.
> I did not see any minus settings when looking at the TU-8 link on this
> site. Am I missing something? I don't want to buy this unit and find
> out it is not usable. Am I entirely off base with my concerns?
> Help!!
>
> Thanks
>
> Tracy
>

6455. Re: [TS-850_450_690] AVVID & Clif Super Service

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-11-14 14:40:07 UTC
From: kremper4-850@yahoo.com
Topic: 6452 Message: 6455

Amen to that!

73,

Paul / N1FB

Roland Spoon <Toesonnose@...> wrote:
Talk about fast and excellent service. Clif can't be beat.
73 de AH6RR

[Non-text portions of this message have been removed]

6456. Re: DRU-2 and filters sell for Kenwood TS-850s

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-11-14 14:49:09 UTC
From: Janez
Topic: 6420 Message: 6456

Can't believe - no one replay - noone need it.

73's de Janez S51DX

--- In TS-850_450_690@yahoogroups.com, "Janez" <s51dx@...> wrote:
>
> Hallo group, I'm sorry to say but I will leave this fantastic
> group soon. I know that the users of this group will tolerate my
> sellings here, since you know the value of this goodies.
>
> I sell my old working mule TS-850 few days back.
> (Short on cash, can't keep it.)
>
> The new owner don't want the DRU-2 unit (with cables, screw
> and homemade external copy of remote control
> RM1 - 6 buttons - all 3 play, CLR, M-in and MR).
> I'm sorry just European union buyers because of customs
> troubles. Also can't accept PayPal.
> Will sell for 120 euros plus shipping.
>
> Also aviable following CW filters:
>
> Inrad #103 400Hz 8,8kHz - new filter.
> Price 100 EU plus shipping.
>
>
> YG-455CN-1 250Hz 455kHz - old but workable.
> Price 110 EU plus shipping.
>
> All questions only to
> my e-mail address: s51dx@...
>
> Thank you all for fantastic forum,
> especialy to the moderators.
>
> Best regards and hope to hear you all
> on the bands with all time legendary
> Kenwood TS-850s.
>
> 73 de Janez S51DX
>

6457. Re: [TS-850_450_690] Re: DRU-2 and filters sell for Kenwood TS-850s

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-11-14 14:59:40 UTC
From: Zack Widup
Topic: 6420 Message: 6457

Well, it seems you've eliminated USA buyers from getting them, and I don't know how many possible EU buyers are on this forum.
:-(

73, Zack W9SZ

On Wed, 14 Nov 2007, Janez wrote:

> Can't believe - no one replay - noone need it.
>
> 73's de Janez S51DX
>
>
> --- In TS-850_450_690@yahoogroups.com, "Janez" <s51dx@...> wrote:
>>
>> Hallo group, I'm sorry to say but I will leave this fantastic
>> group soon. I know that the users of this group will tolerate my
>> sellings here, since you know the value of this goodies.
>>
>> I sell my old working mule TS-850 few days back.
>> (Short on cash, can't keep it.)
>>
>> The new owner don't want the DRU-2 unit (with cables, screw
>> and homemade external copy of remote control
>> RM1 - 6 buttons - all 3 play, CLR, M-in and MR).
>> I'm sorry just European union buyers because of customs
>> troubles. Also can't accept PayPal.
>> Will sell for 120 euros plus shipping.
>>
>> Also aviable following CW filters:
>>
>> Inrad #103 400Hz 8,8kHz - new filter.
>> Price 100 EU plus shipping.
>>
>>
>> YG-455CN-1 250Hz 455kHz - old but workable.
>> Price 110 EU plus shipping.
>>
>> All questions only to
>> my e-mail address: s51dx@...
>>
>> Thank you all for fantastic forum,
>> especialy to the moderators.
>>
>> Best regards and hope to hear you all
>> on the bands with all time legendary

>> Kenwood TS-850s.
>>
>> 73 de Janez S51DX
>>

6458. Looking to purchase A TS-850S and have questions

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-11-14 17:49:37 UTC
From: Pat Miller
Topic: 6458 Message: 6458

Hello all. Just joined this group. I am interested in purchasing a used TS-850S and I would like to ask a few questions.

Just a bit of info on myself...I currently have an IC-718, its been a good radio, but time to upgrade. I like DX, I am really starting to get interest in contesting. I have decent antennas with dipoles, a vertical & a tri-bander up 50 ft. I have been steered by some respected ham friends to strongly consider getting a TS-850S or SAT. So......

1. Is there much difference in the serial numbers vs performance/reliability/operation of the TS-850's vs later serial numbers? If so, what s/n and above should I look to focus on?

2. How about options? Which options do you have that you really like and use quite a bit?

3. Any particular weak areas to be concerned about of the radio?

4. Are parts still available if they are needed?

5. What do you like most about the radio?

6. What do you dislike most about the radio?

7. Any other feedback/info tips on looking for one is very much welcome.

8. What are you considering for your next radio.

----any and all answers are greatfully appreciated.

73

Pat
W6DRX

[Non-text portions of this message have been removed]

6459. Re: Looking to purchase A TS-850S and have questions

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-11-14 19:47:37 UTC
From: ve3tmt
Topic: 6458 Message: 6459

> 1. Is there much difference in the serial numbers vs
performance/reliability/operation of the TS-850's vs later serial
numbers? If so, what s/n and above should I look to focus on?

Early model runs had DDS chips on the CAR board that were prone to
failure. I believe anything in the 40 million and up serial numbers
had the newer IC's.

> 2. How about options? Which options do you have that you really like
and use quite a bit?

500 Hz CW filters in both IF's. Absolutely fantastic for CW and RTTY
contesting.

> 3. Any particular weak areas to be concerned about of the radio?

Capacitor leakage on the CAR board, memory battery leaking on the
digital board.

> 4. Are parts still available if they are needed?

Most still available, except the front panel.

> 5. What do you like most about the radio?

Everything. All the buttons do what they are supposed to do. The front
panel layout is great.
> 6. What do you dislike most about the radio?

Wish it had built in DSP, even audio DSP would be nice.

> 7. Any other feedback/info tips on looking for one is very much welcome.

Get something in the 40 million serial range or newer. Subtracting 2
from the first number of the serial number will tell you the year the
radio was made.

> 8. What are you considering for your next radio.

As long as my 850 stays healthy, I have no plans to replace it. But I
would love an Icom 7800! To sum it up Pat, the 850 is one of the best
used radios out there. And for $700 dollars it will still runs circles
around a lot of the newer menu driven DSP rigs. The receiver is second
to none in a contest scenario. I used my 706MKIIG during Field Day one
year and almost gave up, the receiver just couldn't handle the crowded
band conditions. The 850 doesn't flinch in this area. With the slope
tuning you really don't need any narrow SSB filters, spend your money
on CW filters instead. I'm currently on my 5th 850. In between I've

had many radios in the shack including a lot of newer ones. But I am glad to have the 850 again.

Max
VE3TMT

6460. TS850 for sale on www.qth.com

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-11-14 20:55:06 UTC
From: ve3tmt
Topic: 6460 Message: 6460

Listing #629875

80 million serial number, one of the last ones made. Not mine, just thought I would pass it on.

Max
VE3TMT

6461. Years manafactured.

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-11-14 21:11:49 UTC
From: terry
Topic: 6461 Message: 6461

Hello, I wonder from what year and until what year the TS-850S was made.
My serial number is --
70100304
Am I correct in assuming that mine is a 1995 model.
Thanks.
Terry - SWL.

Get something in the 40 million serial range or newer. Subtracting 2
from the first number of the serial number will tell you the year the
radio was made.

>

[Non-text portions of this message have been removed]

6462. Re: Years manafactured.

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-11-14 21:59:06 UTC
From: ve3tmt
Topic: 6461 Message: 6462

--- In TS-850_450_690@yahoogroups.com, "terry" <terry.tankard@...> wrote:
>
> Hello, I wonder from what year and until what year the TS-850S was made.
> My serial number is --
> 70100304
> Am I correct in assuming that mine is a 1995 model.
> Thanks.
> Terry - SWL.

That is correct Terry...1995

6463. Re: [TS-850_450_690] 6 meter usage with TS-690S

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-11-14 22:14:59 UTC
From: ve3wej gmail
Topic: 6453 Message: 6463

what kind of repeater are you tring to use, or is -1.7 a misprint, or very special. ham repeaters I thought were between 67.? and 250.??

piexx board is at
http://www.piexx.com/index.php?main_page=product_info&cPath=6&products_id=16

VE3WEJ
Dave Garber

10-X # 23465
echolink # 52852
irlp node 2202
email ve3wej@...
----- Original Message -----
From: tracy033
To: TS-850_450_690@yahoogroups.com
Sent: Wednesday, November 14, 2007 12:12 AM
Subject: [TS-850_450_690] 6 meter usage with TS-690S

Hello Group,

Does anybody here have any experience using 6 meter repeaters using the 690-S? After looking at the manual, I see that a TU-8 tone unit is needed to set tones. I can't find one, but can find a TU-8x tone encoder from Piexx.com. Does anybody know about these and if they are worth using? The repeater I am trying to use has a -1.7 tone setting. I did not see any minus settings when looking at the TU-8 link on this site. Am I missing something? I don't want to buy this unit and find out it is not usable. Am I entirely off base with my concerns? Help!!

Thanks

Tracy

6464. Re: [TS-850_450_690] Looking to purchase A TS-850S and have questions

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-11-14 21:58:39 UTC
From: Robert 'RC' Conley
Topic: 6458 Message: 6464

Pat
Have you read the reviews on <http://www.eham.net>. They helped me a lot.

On Nov 14, 2007 11:49 AM, Pat Miller <CabezonBD@...> wrote:
> Hello all. Just joined this group. I am interested in purchasing a used TS-850S and I would like to ask a few questions.
>
> Just a bit of info on myself...I currently have an IC-718, its been a good radio, but time to upgrade. I like DX, I am really starting to get interest in contesting. I have decent antennas with dipoles, a vertical & a tri-bander up 50 ft. I have been steered by some respected ham friends to strongly consider getting a TS-850S or SAT. So......
>
> 1. Is there much difference in the serial numbers vs performance/reliability/operation of the TS-850's vs later serial numbers? If so, what s/n and above should I look to focus on?
>
> 2. How about options? Which options do you have that you really like and use quite a bit?
>
> 3. Any particular weak areas to be concerned about of the radio?
>
> 4. Are parts still available if they are needed?
>
> 5. What do you like most about the radio?
>
> 6. What do you dislike most about the radio?
>
> 7. Any other feedback/info tips on looking for one is very much welcome.
>
> 8. What are you considering for your next radio.
>
>
> ----any and all answers are greatfully appreciated.
>
>
> 73
>
> Pat
> W6DRX
>
> [Non-text portions of this message have been removed]
>
>
>
> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links

>
>
>
>

6465. Re: [TS-850_450_690] Looking to purchase A TS-850S and have questions

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-11-15 01:03:06 UTC
From: John Kuklewicz N7ZN
Topic: 6458 Message: 6465

> On Nov 14, 2007 11:49 AM, Pat Miller <CabezonBD@...> wrote:
> Hello all. Just joined this group. I am interested in purchasing a used TS-850S and I would like to ask a few questions.
>
> Just a bit of info on myself...I currently have an IC-718, its been a good radio, but time to upgrade. I like DX, I am really starting to get interest in contesting. I have decent antennas with dipoles, a vertical & a tri-bander up 50 ft. I have been steered by some respected ham friends to strongly consider getting a TS-850S or SAT. So......
>
Below is just my opinion, of course. I own and LOVE my two 850s.
> 1. Is there much difference in the serial numbers vs performance/reliability/operation of the TS-850's vs later serial numbers? If so, what s/n and above should I look to focus on?
>
The units in the first year and a bit of production had DDS chips that are prone to fail. Avoid the 20 and 30 million S/N units unless the DDS board has been replaced or reworked (replace the 6631 chips with 66312 chips).

Naturally, the newer the unit the better. Look for a unit with a 50 million of later S/N.
> 2. How about options? Which options do you have that you really like and use quite a bit?
>
The Inrad 400Hz CW filters are the way to go.

I don't use the internal keyer, preferring my Logikeyer.

The Antenna Tuner works really well. (No substitute for a Transmatch with non resonant antennas.)

> 3. Any particular weak areas to be concerned about of the radio?
>
The radios are starting to get old, so a few failures are being seen:

The battery needs to be replaced before it leaks and damages the circuit board.

There is an issue with some 16V electrolytic caps on the DDS and PLL board that are starting to show leakage failures.

There is a DC-DC converter board that is prone to fail. The parts are still available and are not expensive - pick up a spare.

A complete realignment would be a good idea due to the age of the radio.

> 4. Are parts still available if they are needed?
>

Most of the -critical- parts are available. But, keep in mind that
this -IS- a 10 year old (or more) radio. Some of the mechanical
parts are no longer factory available.

I have been seriously thinking of picking up a parts unit just in
case.

> 5. What do you like most about the radio?
>
Fantastic receiver. Really strong front end. Great filtering
especially with the Inrad filters..
The 'Slope Tune' is a really great feature that is VERY
helpful during noisy or crowded band conditions.

> 6. What do you dislike most about the radio?
>
Lack of a second receiver for DXing.

Lack of DSP noise reduction. I really wish I could get a
DSP add-on with a noise reduction algorithm like that in
the TS-480 NR2 function.

> 7. Any other feedback/info tips on looking for one is very much welcome.
>
Especially useful mods, IMHO:

The noise blanker mod.

Use of the Front Panel MONI control to set CW sidetone.

Replacement of the original battery with a holder that
allows easy battery replacement.

Defeat the AM Broadcast Band attenuator.

> 8. What are you considering for your next radio.
>
Elecraft K3, loaded!
>
> ----any and all answers are greatfully appreciated.
>
>
> 73
>
> Pat
> W6DRX
>

6466. Re: Looking to purchase A TS-850S and have questions

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-11-15 04:32:36 UTC
From: nm9p
Topic: 6458 Message: 6466

Hello,
answers to some questons below....

> 2. How about options? Which options do you have that you really
like and use quite a bit?

Internal antenna tuner...works great

I have 240Hz filter in 8.8 IF and 500Hz filter in 455 IF (I got the
8.8 first and if I had known better would probably have gotten the
5oo Hz filters for both IF's.

> 3. Any particular weak areas to be concerned about of the radio?

Others have addressed this

> 5. What do you like most about the radio?

I have owned my 850SAT since 1993 (50 Mil Serial number). Original
cost with CW filter was $1800.
It has one of the strongest receiver front-ends out there.
Great contesting rig. CW or SSB.
One of the best arranged front panels on any rig I have seen.
Great transmit audio when properly adjusted.
RF/IF level speech processor/compressor. (a little dab will do ya!)
VFO/Memory panel very easy to operate.
Quick memory very usable in a contest.
Built in keyer with memory.

> 6. What do you dislike most about the radio?

Noise blanker is useless until the simple mod is made. Then it works
well.

They put an unnecessary attenuator in the broadcast AM band.
(relativey simple mod is available)

No separate input for straight key or computer keyer if you also want
to use the internal keyer. (a simple mod brings the key line out
for this purpose.)

CW monitor is not adjustable. (also a mod available)

No separate jack for PTT Footswitch. (Adapter can be wired up fairly
easily.)

No RS-232 level computer interface. Must build your own TTL level
converter or buy their expensive one.

It was produced before the 6-pin mini-DIN standard for packet/sound card interfacing was developed. Must use a clunky 15 pin cable.

NOTE: All of these are minor frustrations, in fact I have not even done most of these mods, except the noiseblanker and the 60 Meter mod. I have been an 850 Lover for 14 years.

> 7. Any other feedback/info tips on looking for one is very much welcome.

If you can get the DSP-100 unit with it for a decent price, grab it! It will add to your resale value.

> 8. What are you considering for your next radio.

The only things that have caused me to even think about trading in my 850 are the Ten-Tec Orion II, and the FLEX-5000. And I don't have money for those! I wouldn't even consider an Icom 7800. I have bought new cars for less than that! I can't see that one of those is worth more than two Orion II's. But that is another posting!

As others have said. In my opinion.....A used 850SAT is probably one of the best values on the market, and still one of the best performing rigs available for less than about $2500.

73,
Ken - NM9P

6467. RE: [TS-850_450_690] Looking to purchase A TS-850S and have questions

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-11-15 06:04:31 UTC
From: John Kramer
Topic: 6458 Message: 6467

* 1. Is there much difference in the serial numbers vs performance/reliability/operation of the TS-850's vs later serial numbers? If so, what s/n and above should I look to focus on?

I bought my TS-850 SAT new back in 1992 or 1993. I have just checked, it is a 406XXXXXXX serial number

unit. It has NEVER given me a moments problem. The battery..and everything else is still original.

Never a problem with the DDS chip, or PLL unlock on my unit.

Surely one of the best radio's made for the amateur market. I now have a FT-1000 MKV, 2 x TS-2000,

2 x FT-890 AT, 2_x TS-940 SAT, TS-440 SAT, IC-706MK11 G, IC-7000, FT100D, FT-817, IC-703,

and of course, my trusty TS-850 SAT. I stubbornly refuse to sell my TS850, and it still gets good use and

gives me lots of pleasure. If Kenwood brought it back I would be first in line to buy another. One of

the few things I would change, would be to go back to an analogue meter, I don't care too much for these

new digital bar type meters - but that is minor - the quality of the rx and tx audio is awesome. I prefer

the 850 audio to the dsp audio from my ic-7000 or ft-1000 mkv. To me DSP audio sounds hollow.

Good luck, and 73

John ZS5J

[Non-text portions of this message have been removed]

6468. Re: DRU-2 and filters sell for Kenwood TS-850s

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-11-15 11:18:48 UTC
From: Janez
Topic: 6420 Message: 6468

Sorry Zack, there are customs troubles,
to much problems sending it.

Regards, Janez S51DX

--- In TS-850_450_690@yahoogroups.com, Zack Widup <w9sz@...> wrote:
>
>
> Well, it seems you've eliminated USA buyers from getting them, and
I don't
> know how many possible EU buyers are on this forum.
> :-(
>
> 73, Zack W9SZ
>
> On Wed, 14 Nov 2007, Janez wrote:
>
> > Can't believe - no one replay - noone need it.
> >
> > 73's de Janez S51DX
> >
> >
> > --- In TS-850_450_690@yahoogroups.com, "Janez" <s51dx@> wrote:
> >>
> >> Hallo group, I'm sorry to say but I will leave this fantastic
> >> group soon. I know that the users of this group will tolerate my
> >> sellings here, since you know the value of this goodies.
> >>
> >> I sell my old working mule TS-850 few days back.
> >> (Short on cash, can't keep it.)
> >>
> >> The new owner don't want the DRU-2 unit (with cables, screw
> >> and homemade external copy of remote control
> >> RM1 - 6 buttons - all 3 play, CLR, M-in and MR).
> >> I'm sorry just European union buyers because of customs
> >> troubles. Also can't accept PayPal.
> >> Will sell for 120 euros plus shipping.
> >>
> >> Also aviable following CW filters:
> >>
> >> Inrad #103 400Hz 8,8kHz - new filter.
> >> Price 100 EU plus shipping.
> >>
> >>
> >> YG-455CN-1 250Hz 455kHz - old but workable.

> >> Price 110 EU plus shipping.
> >>
> >> All questions only to
> >> my e-mail address: s51dx@
> >>
> >> Thank you all for fantastic forum,
> >> especialy to the moderators.
> >>
> >> Best regards and hope to hear you all
> >> on the bands with all time legendary
> >> Kenwood TS-850s.
> >>
> >> 73 de Janez S51DX
> >>
>

6469. Re: Looking to purchase A TS-850S and have questions

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-11-15 15:45:21 UTC
From: Pat Miller
Topic: 6458 Message: 6469

Thanks all so much for being very specific. Those specific points are the kind of responses that become extremely helpful. Yes I will be adding a TS-850 S sometime in the near future. You all have helped me make up my mind. It seems that anyone who has own one absolutely loves them. Thanks Again.

73
Pat
W6DRX

[Non-text portions of this message have been removed]

6470. Display Issues - TS-850S

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-11-18 14:47:15 UTC
From: Crownhaven
Topic: 6470 Message: 6470

Has anyone ever noticed the edges or portions of the display on a TS-850S dimming? Not the entire character but just the edges. It happens on mine after it has been running for awhile. Just noticeable enough to notice and annoy me because something isn't right.

Steve, N4JQQ

6471. Re: [TS-850_450_690] Display Issues - TS-850S

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-11-18 17:20:28 UTC
From: Crownhaven
Topic: 6470 Message: 6471

A little more detail on this.....it is only apparent from the filter display to the right side of the entire display. The little boxes that display the filter selection for the two IFs are dim along the bottom too. Kind of like a shadow.

Steve, N4JQQ

Crownhaven wrote:
>
> Has anyone ever noticed the edges or portions of the display on a
> TS-850S dimming? Not the entire character but just the edges. It
> happens on mine after it has been running for awhile. Just noticeable
> enough to notice and annoy me because something isn't right.
>
> Steve, N4JQQ
>
>

6472. The Last TS-850S SN Ranges?`

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-11-18 17:21:48 UTC
From: Crownhaven
Topic: 6472 Message: 6472

Can anyone tell me the last year of TS-850S production and the serial number ranges of that same period?

Thanks,

Steve

6473. Re: [TS-850_450_690] Display Issues - TS-850S

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-11-18 18:15:18 UTC
From: ve3wej gmail
Topic: 6470 Message: 6473

sounds like some of the display bulbs are burnt out, or intermittent...

VE3WEJ
Dave Garber

10-X # 23465
echolink # 52852
irlp node 2202
email ve3wej@...
----- Original Message -----
From: Crownhaven
To: TS-850_450_690@yahoogroups.com
Sent: Sunday, November 18, 2007 12:20 PM
Subject: Re: [TS-850_450_690] Display Issues - TS-850S

A little more detail on this.....it is only apparent from the filter
display to the right side of the entire display. The little boxes that
display the filter selection for the two IFs are dim along the bottom
too. Kind of like a shadow.

Steve, N4JQQ

Crownhaven wrote:
>
> Has anyone ever noticed the edges or portions of the display on a
> TS-850S dimming? Not the entire character but just the edges. It
> happens on mine after it has been running for awhile. Just noticeable
> enough to notice and annoy me because something isn't right.
>
> Steve, N4JQQ
>
>

[Non-text portions of this message have been removed]

6474. dds chips

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-11-18 18:32:07 UTC
From: ve3wej gmail
Topic: 6474 Message: 6474

I changed the caps on the car board, but still have the problem wih alc,
which I think is the dds chips..

does anybody in Canada have a good canadian source for these chips or are
they only available from US....

any info can help me

VE3WEJ
Dave Garber

10-X # 23465
echolink # 52852
irlp node 2202
email ve3wej@...

6475. Re: dds chips

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-11-18 20:41:32 UTC
From: ve3tmt
Topic: 6474 Message: 6475

--- In TS-850_450_690@yahoogroups.com, "ve3wej gmail" <ve3wej@...> wrote:
>
> I changed the caps on the car board, but still have the problem wih
alc,
> which I think is the dds chips..
>
> does anybody in Canada have a good canadian source for these chips
or are
> they only available from US....
>
> any info can help me
>
> VE3WEJ
> Dave Garber

Dave I believe they are only available from Kenwood Service Centers.
From East Coast Transistor:

YM6631 IC(DDS) TS-850S TS-690S TS-450S(you will automatically get
the newer version-YM66312 $28.00

they take major credit cards.

Max
VE3TMT

6476. Re: [TS-850_450_690] Re: dds chips

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-11-18 22:20:04 UTC
From: ve3wej gmail
Topic: 6474 Message: 6476

is that 28.00 each, or is a replacement board complete

and is that the solve for alc swinging

VE3WEJ
Dave Garber

10-X # 23465
echolink # 52852
irlp node 2202
email ve3wej@...
----- Original Message -----
From: ve3tmt
To: TS-850_450_690@yahoogroups.com
Sent: Sunday, November 18, 2007 3:41 PM
Subject: [TS-850_450_690] Re: dds chips

--- In TS-850_450_690@yahoogroups.com, "ve3wej gmail" <ve3wej@...> wrote:
>
> I changed the caps on the car board, but still have the problem wih
alc,
> which I think is the dds chips..
>
> does anybody in Canada have a good canadian source for these chips
or are
> they only available from US....
>
> any info can help me
>
> VE3WEJ
> Dave Garber

Dave I believe they are only available from Kenwood Service Centers.
From East Coast Transistor:

YM6631 IC(DDS) TS-850S TS-690S TS-450S(you will automatically get
the newer version-YM66312 $28.00

they take major credit cards.

Max
VE3TMT

6477. Re: dds chips

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-11-18 22:29:07 UTC
From: ve3tmt
Topic: 6474 Message: 6477

--- In TS-850_450_690@yahoogroups.com, "ve3wej gmail" <ve3wej@...> wrote:
>
> is that 28.00 each, or is a replacement board complete
>
> and is that the solve for alc swinging

The DDS chips are $28 each Dave. By ALSC swinging are you referring to your output power going up and down? I assume you are aware of the issues with the DC-DC converter board??

Max

6478. Re: [TS-850_450_690] Re: dds chips

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-11-18 23:01:02 UTC
From: ve3wej gmail
Topic: 6474 Message: 6478

this is what I am looking for, am I to change the dds chips (whatever that is) or replace the dc-dc board for only 10.31 at east coast

my problem is that the alc will full swing with no or little output, then drop back to zero, and get full output of the radio.....is it the dds or the dc-dc board????

VE3WEJ
Dave Garber

10-X # 23465
echolink # 52852
irlp node 2202
email ve3wej@...
----- Original Message -----
From: ve3tmt
To: TS-850_450_690@yahoogroups.com
Sent: Sunday, November 18, 2007 5:29 PM
Subject: [TS-850_450_690] Re: dds chips

--- In TS-850_450_690@yahoogroups.com, "ve3wej gmail" <ve3wej@...> wrote:
>
> is that 28.00 each, or is a replacement board complete
>
> and is that the solve for alc swinging

The DDS chips are $28 each Dave. By ALSC swinging are you referring to
your output power going up and down? I assume you are aware of the
issues with the DC-DC converter board??

Max

[Non-text portions of this message have been removed]

6479. Re: [TS-850_450_690] Display Issues - TS-850S

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-11-18 23:00:09 UTC
From: Crownhaven
Topic: 6470 Message: 6479

How do these bulbs work exactly? It is strange that they would only dim
and then affect only a portion of the readout. Maybe I'm the only one
this has ever happened to.

Steve, N4JQQ

ve3wej gmail wrote:
>
> sounds like some of the display bulbs are burnt out, or intermittent...
>
> VE3WEJ
> Dave Garber
>
> 10-X # 23465
> echolink # 52852
> irlp node 2202
> email ve3wej@... <mailto:ve3wej%40rac.ca>
> ----- Original Message -----
> From: Crownhaven
> To: TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>
> Sent: Sunday, November 18, 2007 12:20 PM
> Subject: Re: [TS-850_450_690] Display Issues - TS-850S
>
> A little more detail on this.....it is only apparent from the filter
> display to the right side of the entire display. The little boxes that
> display the filter selection for the two IFs are dim along the bottom
> too. Kind of like a shadow.
>
> Steve, N4JQQ
>
> Crownhaven wrote:
> >
> > Has anyone ever noticed the edges or portions of the display on a
> > TS-850S dimming? Not the entire character but just the edges. It
> > happens on mine after it has been running for awhile. Just noticeable
> > enough to notice and annoy me because something isn't right.
> >
> > Steve, N4JQQ
> >
> >
>
> [Non-text portions of this message have been removed]
>
>

6480. Re: dds chips

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-11-18 23:42:33 UTC
From: Clif
Topic: 6474 Message: 6480

The power changing is the DC/DC converter board, not the DDS chips.
This is well documented. Of course you can change the DDS chips if you
desire and then you get to change the DC board to fix the problem.

Clif

--- In TS-850_450_690@yahoogroups.com, "ve3wej gmail" <ve3wej@...> wrote:
>
> this is what I am looking for, am I to change the dds chips
(whatever that is) or replace the dc-dc board for only 10.31 at east coast
>
> my problem is that the alc will full swing with no or little output,
then drop back to zero, and get full output of the radio........is it
the dds or the dc-dc board????
>
>
>
> VE3WEJ
> Dave Garber
>
> 10-X # 23465
> echolink # 52852
> irlp node 2202
> email ve3wej@...
> ----- Original Message -----
> From: ve3tmt
> To: TS-850_450_690@yahoogroups.com
> Sent: Sunday, November 18, 2007 5:29 PM
> Subject: [TS-850_450_690] Re: dds chips
>
>
> --- In TS-850_450_690@yahoogroups.com, "ve3wej gmail" <ve3wej@> wrote:
> >
> > is that 28.00 each, or is a replacement board complete
> >
> > and is that the solve for alc swinging
>
> The DDS chips are $28 each Dave. By ALSC swinging are you referring to
> your output power going up and down? I assume you are aware of the
> issues with the DC-DC converter board??
>
> Max
>
>
>

>
>
> [Non-text portions of this message have been removed]
>

6481. Re: [TS-850_450_690] Re: dds chips

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-11-19 00:15:44 UTC
From: ve3wej gmail
Topic: 6474 Message: 6481

Do I just order the replacement dc board from kenwoodparts, and replace the whole thing???

VE3WEJ
Dave Garber

10-X # 23465
echolink # 52852
irlp node 2202
email ve3wej@...
----- Original Message -----
From: Clif
To: TS-850_450_690@yahoogroups.com
Sent: Sunday, November 18, 2007 6:42 PM
Subject: [TS-850_450_690] Re: dds chips

The power changing is the DC/DC converter board, not the DDS chips.
This is well documented. Of course you can change the DDS chips if you
desire and then you get to change the DC board to fix the problem.

Clif

--- In TS-850_450_690@yahoogroups.com, "ve3wej gmail" <ve3wej@...> wrote:
>
> this is what I am looking for, am I to change the dds chips
(whatever that is) or replace the dc-dc board for only 10.31 at east coast
>
> my problem is that the alc will full swing with no or little output,
then drop back to zero, and get full output of the radio........is it
the dds or the dc-dc board????
>
>
>
> VE3WEJ
> Dave Garber
>
> 10-X # 23465
> echolink # 52852
> irlp node 2202
> email ve3wej@...
> ----- Original Message -----
> From: ve3tmt
> To: TS-850_450_690@yahoogroups.com
> Sent: Sunday, November 18, 2007 5:29 PM
> Subject: [TS-850_450_690] Re: dds chips
>
>

> --- In TS-850_450_690@yahoogroups.com, "ve3wej gmail" <ve3wej@> wrote:
> >
> > is that 28.00 each, or is a replacement board complete
> >
> > and is that the solve for alc swinging
>
> The DDS chips are $28 each Dave. By ALSC swinging are you referring to
> your output power going up and down? I assume you are aware of the
> issues with the DC-DC converter board??
>
> Max
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

6482. Re: [TS-850_450_690] Display Issues - TS-850S

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-11-19 00:20:24 UTC
From: ve3wej gmail
Topic: 6470 Message: 6482

I have had filaments break in bulbs, and reattach (almost an arc weld), if they reattach in the wrong spot, they effectively have changed resistive value, and therefore shine with a different intensity.

If you lift the cover off, you should be able to see if all the bulbs are lit.....if they are the same brightnes, then I am wrong

VE3WEJ
Dave Garber

10-X # 23465
echolink # 52852
irlp node 2202
email ve3wej@...
----- Original Message -----
From: Crownhaven
To: TS-850_450_690@yahoogroups.com
Sent: Sunday, November 18, 2007 6:00 PM
Subject: Re: [TS-850_450_690] Display Issues - TS-850S

How do these bulbs work exactly? It is strange that they would only dim
and then affect only a portion of the readout. Maybe I'm the only one
this has ever happened to.

Steve, N4JQQ

ve3wej gmail wrote:
>
> sounds like some of the display bulbs are burnt out, or intermittent...
>
> VE3WEJ
> Dave Garber
>
> 10-X # 23465
> echolink # 52852
> irlp node 2202
> email ve3wej@... <mailto:ve3wej%40rac.ca>
> ----- Original Message -----
> From: Crownhaven
> To: TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>
> Sent: Sunday, November 18, 2007 12:20 PM
> Subject: Re: [TS-850_450_690] Display Issues - TS-850S
>
> A little more detail on this.....it is only apparent from the filter
> display to the right side of the entire display. The little boxes that

> display the filter selection for the two IFs are dim along the bottom
> too. Kind of like a shadow.
>
> Steve, N4JQQ
>
> Crownhaven wrote:
> >
> > Has anyone ever noticed the edges or portions of the display on a
> > TS-850S dimming? Not the entire character but just the edges. It
> > happens on mine after it has been running for awhile. Just noticeable
> > enough to notice and annoy me because something isn't right.
> >
> > Steve, N4JQQ
> >
> >
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

6484. Re: dds chips

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-11-19 01:18:37 UTC
From: ve3tmt
Topic: 6474 Message: 6484

--- In TS-850_450_690@yahoogroups.com, "ve3wej gmail" <ve3wej@...> wrote:
>
> Do I just order the replacement dc board from kenwoodparts, and replace the whole thing???
>
> VE3WEJ
> Dave Garber

Replace the whole board Dave, very easy and cheap to do.

Max
VE3TMT

6485. DSP-100 and IF-232?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-11-20 10:58:47 UTC
From: sv2bwm
Topic: 6485 Message: 6485

Hi, 850 owners.

I want to connect my IF-232C to the TS-850S but the ACC connector is occupied by the plug of DSP-100. So, is there a modification to have both DSP-100 and IF-232C connected??? Thanks in advance...

73's de SV2BWM
Anastasios

6488. Re: DSP-100 and IF-232?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-11-20 14:08:01 UTC
From: ik8vze
Topic: 6485 Message: 6488

--- In TS-850_450_690@yahoogroups.com, "sv2bwm" <sv2bwm@...> wrote:
>
> Hi, 850 owners.
>
> I want to connect my IF-232C to the TS-850S but the ACC connector is
> occupied by the plug of DSP-100. So, is there a modification to have
> both DSP-100 and IF-232C connected??? Thanks in advance...
>
> 73's de SV2BWM
> Anastasios
>CONT OUT IS THE CORRECT CONNECTION IF USE if-232c+dsp100
The best 73 and good dx ik8vze

6493. Re: Display Issues - TS-850S

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-11-20 16:05:00 UTC
From: ve3tmt
Topic: 6470 Message: 6493

--- In TS-850_450_690@yahoogroups.com, Crownhaven <crownhaven@...> wrote:
>
> OK, you have shown your ass in terms of your superiority. I asked a
> question that I obviously couldn't answer or figure out myself. The
> only thing you have contributed to this is to belittle the participants.

Discussion is closed on this issue. As for the problem, the display is
a florescent tube. If you need a copy of the service manual send me an
e-mail.

Max
VE3TMT

6494. Re: DSP-100 and IF-232?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-11-20 16:32:36 UTC
From: sv2bwm
Topic: 6485 Message: 6494

> >CONT OUT IS THE CORRECT CONNECTION IF USE if-232c+dsp100
> The best 73 and good dx ik8vze
>

It works great! Thanks..

6496. Re: [TS-850_450_690] DSP-100 and IF-232?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-11-21 01:56:56 UTC
From: Tom Osborne
Topic: 6485 Message: 6496

Hi Anastasios

Easy way to go would be go on eBay and do a search for G4ZLP. He has some really great interface cables for the Kenwood. I bought 2 of them for my TS450SAT's and one for my Yaesu 840. He is very quick on delivery, the price is right, and he really stands behind his product. It took 6 days from the U.K to Oregon. 73

A happy buyer.

Tom W7WHY

> Hi, 850 owners.
>
> I want to connect my IF-232C to the TS-850S but the ACC connector is
> occupied by the plug of DSP-100. So, is there a modification to have
> both DSP-100 and IF-232C connected??? Thanks in advance...
>
> 73's de SV2BWM
> Anastasios

6497. YK-88S & TS850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-11-21 17:20:54 UTC
From: javijust
Topic: 6497 Message: 6497

Hi all
The SSB filter for TS850 is YK88SN-1, but in my old TS430 I've a YK-88S. Is posible to swap this to the 850?

Thanks

Xavier
EA3EYD

6498. Re: [TS-850_450_690] YK-88S & TS850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-11-22 03:01:35 UTC
From: Tom Osborne
Topic: 6497 Message: 6498

Hi Xavier

I doubt it. The TS-850 has plug in filters (at least my 450 does) and the 430 has solder in filters. 73
Tom W7WHY

> Hi all
> The SSB filter for TS850 is YK88SN-1, but in my old TS430 I've a YK-
> 88S. Is posible to swap this to the 850?
>
> Thanks
>
> Xavier
> EA3EYD

6499. Re: [TS-850_450_690] YK-88S & TS850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-11-22 05:37:58 UTC
From: Rob Frohne
Topic: 6497 Message: 6499

The other problem is that the frequency is slightly different.

73,

Rob, KL7NA
On Wed, 2007-11-21 at 19:01 -0800, Tom Osborne wrote:
> Hi Xavier
>
> I doubt it. The TS-850 has plug in filters (at least my 450 does) and
> the
> 430 has solder in filters. 73
> Tom W7WHY
>
> > Hi all
> > The SSB filter for TS850 is YK88SN-1, but in my old TS430 I've a YK-
> > 88S. Is posible to swap this to the 850?
> >
> > Thanks
> >
> > Xavier
> > EA3EYD
>
>
>
>
>
--
Rob Frohne, Ph.D., P.E., Professor
E. F. Cross School of Engineering
Walla Walla University
100 SW 4th Street
College Place, WA 99324

(509) 527-2075
http://www.wallawalla.edu/frohro

6500. Re: DSP-100 and IF-232?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-11-22 23:00:02 UTC
From: sv2bwm
Topic: 6485 Message: 6500

I found the solution: I connected the IF-232 cable to the CONT OUT plug of the DSP-100. Simple as that! 73's de SV2BWM Anastasios

6501. Re: DSP-100 and IF-232?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-11-23 09:13:31 UTC
From: ik8vze
Topic: 6485 Message: 6501

--- In TS-850_450_690@yahoogroups.com, "sv2bwm" <sv2bwm@...> wrote:
>
> I found the solution: I connected the IF-232 cable to the CONT OUT
> plug of the DSP-100. Simple as that! 73's de SV2BWM Anastasios
>
Hello Anastasios
What software uses to rig control?
What software uses to control? However you must set the parameters
properly.
Eg.for easylog 5 the set is:
Port com Number:1,2,ecc.dipends your pc
Baud:4800
Parità:no
Bit Dati:8
Stop Bit:2
Controllo di flusso:Hardware RTS/CTS

6503. Display dark for 10 seconds.

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-11-23 17:00:14 UTC
From: Roland Spoon
Topic: 6503 Message: 6503

Aloha all,

I have a 850 that the display is out untill 10 seconds after turn on
then it comes on brighter than should be than gets normal after about
10 minutes. Is this C17 on the display board? Otherwise the rig works
great it is in the 2 mil serial range I changed out the DC/DC board and
had Clif change out the caps and 1 of the DDS chips on the CAR board.
Any help will do I want to get this rig 100% with no issues than sell
it as I already have a 850 that works perfect.
Thanks in advance.
Roland AH6RR

6504. Re: Display dark for 10 seconds.

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-11-24 17:22:09 UTC
From: Clif
Topic: 6503 Message: 6504

I would look closely at C17, it's probably leaking but hasn't caused
any damage, YET. The juice (???) that it leaks is conductive...

Clif

--- In TS-850_450_690@yahoogroups.com, "Roland Spoon" <Toesonnose@...>
wrote:
>
> Aloha all,
>
> I have a 850 that the display is out untill 10 seconds after turn on
> then it comes on brighter than should be than gets normal after about
> 10 minutes. Is this C17 on the display board? Otherwise the rig works
> great it is in the 2 mil serial range I changed out the DC/DC board and
> had Clif change out the caps and 1 of the DDS chips on the CAR board.
> Any help will do I want to get this rig 100% with no issues than sell
> it as I already have a 850 that works perfect.
> Thanks in advance.
> Roland AH6RR
>

6505. power surge

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-11-26 06:18:27 UTC
From: John Kramer
Topic: 6503 Message: 6505

Att: CLIFF

While this is not entirely TS-850/450 related, I hope Cliff or someone else can shed

some light here.

I have a TS-940 SAT (built-in psu) that becomes dead only when - the rig is turned

on, and the power company has a failure and I lose power. Then.when the power

returns - with the rig still switched on, a power spike, or something enters the 940

and kills a protection device. After the power returns the rig is dead, will not switch

on.

Does anyone have any ideas ? Yes, I have checked out the fuses, and have gone as

far as checking the output on the transformer, and the correct dc is getting from

the transformer to the rig.

PS. This is a 220v psu rig

Thanks

John

[Non-text portions of this message have been removed]

6506. Need some information about the TS-450sat

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-11-26 14:15:31 UTC
From: Russell Blair
Topic: 6506 Message: 6506

I am looking for the 8.83Mhz IF signal that comes out
on a pin and plug on the back of the TS-450SAT. What I
want to do is to connect a Softrock-40 8.817 Mhz IF
board along with PowerSDR-40 and HRD.
Thanks in advance for the help

Russell NC5O

==========
IN GOD WE TRUST !
==========
Russell Blair

Never miss a thing. Make Yahoo your home page.
http://www.yahoo.com/r/hs

6507. Re: power surge

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-11-26 17:29:48 UTC
From: Clif
Topic: 6503 Message: 6507

I take it this happened only once. It reads like it happens every time
the power is lost.

First check the timer button, is it pushed in?

Do you have a schematic and board layout for the AVR board? If so
check the 21v supply. If it doesn't work the radio will not turn on.

Clif

--- In TS-850_450_690@yahoogroups.com, "John Kramer" <jkramer@...> wrote:
>
> Att: CLIFF
>
>
>
> While this is not entirely TS-850/450 related, I hope Cliff or
someone else
> can shed
>
> some light here.
>
> I have a TS-940 SAT (built-in psu) that becomes dead only when - the
rig is
> turned
>
> on, and the power company has a failure and I lose power. Then.when the
> power
>
> returns - with the rig still switched on, a power spike, or
something enters
> the 940
>
> and kills a protection device. After the power returns the rig is
dead, will
> not switch
>
> on.
>
> Does anyone have any ideas ? Yes, I have checked out the fuses, and have
> gone as
>
> far as checking the output on the transformer, and the correct dc is
getting
> from
>

> the transformer to the rig.
>
>
>
> PS. This is a 220v psu rig
>
>
>
> Thanks
>
>
>
> John
>
>
>
> [Non-text portions of this message have been removed]
>

6508. TS-850s Audio Output probem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-11-26 17:40:11 UTC
From: ianbest72
Topic: 6508 Message: 6508

I have a TS-850 that has recently developed a problem with low audio in SSB mode. AM for example seems as before but in SSB and CW the output audio is very low. It does not matter if I use the speaker in the rig, headphones or an external speaker. A friend of mine suggests that it is a diode that is leaking. Hoping that I might have this confirmed (or refuted!) Any help would be appreciated.

Ian VO1BC

6509. RE: [TS-850_450_690] Re: power surge

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-11-26 18:18:42 UTC
From: John Kramer
Topic: 6503 Message: 6509

Thanks for the reply Cliff. It has happened once before - and I had it repaired at the "local" technician - he is 450 miles from here...but the problem is...he took 8 months to get to working on it. The average time is between 6 and 12 months to get a rig back.

The timer is not on - nothing was touched on the rig. I had it tuned to the BBC, and was at the other side of the house when the power went off. The power came back on 10 minutes later - with the 940 still in the 'on' position. I came back in the room to see everything else all on - lights etc, but the 940 was off although its power button was still in the on position. Nothing was touched, no timer button or anything else between the time that the power went off, till when it returned. (I don't use the timer, it stays off)

I do have the service/workshop manual for it, and did a very quick check on the AVR board. There appeared to be 21v on the board, but I wasn't sure where the next step would be to check.

Thanks again for the reply

73

John ZS5J

Richards Bay, South Africa

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of Clif
Sent: 26 November 2007 07:30 PM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] Re: power surge

I take it this happened only once. It reads like it happens every time the power is lost.

First check the timer button, is it pushed in?

Do you have a schematic and board layout for the AVR board? If so check the 21v supply. If it doesn't work the radio will not turn on.

Clif

--- In TS-850_450_690@ <mailto:TS-850_450_690%40yahoogroups.com> yahoogroups.com, "John Kramer" <jkramer@...> wrote:
>
> Att: CLIFF

>
>
>
> While this is not entirely TS-850/450 related, I hope Cliff or
someone else
> can shed
>
> some light here.
>
> I have a TS-940 SAT (built-in psu) that becomes dead only when - the
rig is
> turned
>
> on, and the power company has a failure and I lose power. Then.when the
> power
>
> returns - with the rig still switched on, a power spike, or
something enters
> the 940
>
> and kills a protection device. After the power returns the rig is
dead, will
> not switch
>
> on.
>
> Does anyone have any ideas ? Yes, I have checked out the fuses, and have
> gone as
>
> far as checking the output on the transformer, and the correct dc is
getting
> from
>
> the transformer to the rig.
>
>
>
> PS. This is a 220v psu rig
>
>
>
> Thanks
>
>
>
> John
>
>
>
> [Non-text portions of this message have been removed]

>

[Non-text portions of this message have been removed]

6510. Re: [TS-850_450_690] TS-850s Audio Output probem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-11-26 21:44:19 UTC
From: ve3wej gmail
Topic: 6508 Message: 6510

check for rf gain control or attenuators being turned.....rf gain turned counter clockwise will reduce receive, and will affect the audio (depending on the signal

am signals may be coming in well over the threshold

VE3WEJ
Dave Garber

10-X # 23465
echolink # 52852
irlp node 2202
email ve3wej@...
----- Original Message -----
From: ianbest72
To: TS-850_450_690@yahoogroups.com
Sent: Monday, November 26, 2007 12:40 PM
Subject: [TS-850_450_690] TS-850s Audio Output probem

I have a TS-850 that has recently developed a problem with low audio in SSB mode. AM for example seems as before but in SSB and CW the output audio is very low. It does not matter if I use the speaker in the rig, headphones or an external speaker. A friend of mine suggests that it is a diode that is leaking. Hoping that I might have this confirmed (or refuted!) Any help would be appreciated.

Ian VO1BC

[Non-text portions of this message have been removed]

6511. Re: power surge

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-11-27 17:53:23 UTC
From: Clif
Topic: 6503 Message: 6511

Look at the schematic and start checking voltages on the connectors.
If any vary from what the schematic shows then look where it comes
from and figure out what is wrong.

Clif

--- In TS-850_450_690@yahoogroups.com, "John Kramer" <jkramer@...> wrote:
>
> Thanks for the reply Cliff. It has happened once before - and I had it
> repaired at the "local" technician - he is 450 miles from
here...but the
> problem is...he took 8 months to get to working on it. The average
time is
> between 6 and 12 months to get a rig back.
>
> The timer is not on - nothing was touched on the rig. I had it tuned
to the
> BBC, and was at the other side of the house when the power went off. The
> power came back on 10 minutes later - with the 940 still in the 'on'
> position. I came back in the room to see everything else all on - lights
> etc, but the 940 was off although its power button was still in the on
> position. Nothing was touched, no timer button or anything else
between the
> time that the power went off, till when it returned. (I don't use the
> timer, it stays off)
>
>
>
> I do have the service/workshop manual for it, and did a very quick
check on
> the AVR board. There appeared to be 21v on the board, but I wasn't sure
> where the next step would be to check.
>
>
>
> Thanks again for the reply
>
>
>
> 73
>
>
>
> John ZS5J
>

> Richards Bay, South Africa
>
>
>
> _____
>
> From: TS-850_450_690@yahoogroups.com
[mailto:TS-850_450_690@yahoogroups.com]
> On Behalf Of Clif
> Sent: 26 November 2007 07:30 PM
> To: TS-850_450_690@yahoogroups.com
> Subject: [TS-850_450_690] Re: power surge
>
>
>
> I take it this happened only once. It reads like it happens every time
> the power is lost.
>
> First check the timer button, is it pushed in?
>
> Do you have a schematic and board layout for the AVR board? If so
> check the 21v supply. If it doesn't work the radio will not turn on.
>
> Clif
>
> --- In TS-850_450_690@ <mailto:TS-850_450_690%40yahoogroups.com>
> yahoogroups.com, "John Kramer" <jkramer@> wrote:
> >
> > Att: CLIFF
> >
> >
> >
> > While this is not entirely TS-850/450 related, I hope Cliff or
> someone else
> > can shed
> >
> > some light here.
> >
> > I have a TS-940 SAT (built-in psu) that becomes dead only when - the
> rig is
> > turned
> >
> > on, and the power company has a failure and I lose power.
Then.when the
> > power
> >
> > returns - with the rig still switched on, a power spike, or
> something enters
> > the 940
> >

> > and kills a protection device. After the power returns the rig is
> dead, will
> > not switch
> >
> > on.
> >
> > Does anyone have any ideas ? Yes, I have checked out the fuses,
and have
> > gone as
> >
> > far as checking the output on the transformer, and the correct dc is
> getting
> > from
> >
> > the transformer to the rig.
> >
> >
> >
> > PS. This is a 220v psu rig
> >
> >
> >
> > Thanks
> >
> >
> >
> > John
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

6512. Re: [TS-850_450_690] Re: power surge

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-11-27 23:59:46 UTC
From: John Kramer
Topic: 6503 Message: 6512

Cliff

Thanks for the mail, It looks like I have found the problem. I applied
power,
and then went checking voltages on the AVR unit. 28 volts was going to
the
final unit and also to the on/off switch. With more checking, I
deduced that
transistor Q6 must be the culprit, as it wasn't providing 21 volts
like it should
have. I switched on a powerful light, and had a good look - sure
enough, Q6
had blown a quarter of it's body away.
I will replace it when I can get to a big city to purchase one -
hopefully that
is the only component that has blown.

Thanks again for your help

73

John ZS5J
Richards Bay, South Africa

On 27 Nov 2007, at 7:53 PM, Clif wrote:

> Look at the schematic and start checking voltages on the connectors.
> If any vary from what the schematic shows then look where it comes
> from and figure out what is wrong.
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "John Kramer" <jkramer@...>
> wrote:
> >
> > Thanks for the reply Cliff. It has happened once before - and I
> had it
> > repaired at the "local" technician - he is 450 miles from
> here...but the
> > problem is...he took 8 months to get to working on it. The average
> time is
> > between 6 and 12 months to get a rig back.
> >
> > The timer is not on - nothing was touched on the rig. I had it tuned
> to the
> > BBC, and was at the other side of the house when the power went

> off. The
> > power came back on 10 minutes later - with the 940 still in the 'on'
> > position. I came back in the room to see everything else all on -
> lights
> > etc, but the 940 was off although its power button was still in
> the on
> > position. Nothing was touched, no timer button or anything else
> between the
> > time that the power went off, till when it returned. (I don't use
> the
> > timer, it stays off)
> >
> >
> >

[Non-text portions of this message have been removed]

6513. Re: [TS-850_450_690] Re: power surge

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-11-28 00:55:35 UTC
From: Bob Snelgrove
Topic: 6503 Message: 6513

Can anyone help him out with that part?

bob

----- Original Message -----
From: John Kramer
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, November 27, 2007 3:59 PM
Subject: Re: [TS-850_450_690] Re: power surge

Cliff

Thanks for the mail, It looks like I have found the problem. I applied
power,
and then went checking voltages on the AVR unit. 28 volts was going to
the
final unit and also to the on/off switch. With more checking, I
deduced that
transistor Q6 must be the culprit, as it wasn't providing 21 volts
like it should
have. I switched on a powerful light, and had a good look - sure
enough, Q6
had blown a quarter of it's body away.
I will replace it when I can get to a big city to purchase one -
hopefully that
is the only component that has blown.

Thanks again for your help

73

John ZS5J
Richards Bay, South Africa

On 27 Nov 2007, at 7:53 PM, Clif wrote:

> Look at the schematic and start checking voltages on the connectors.
> If any vary from what the schematic shows then look where it comes
> from and figure out what is wrong.
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "John Kramer" <jkramer@...>
> wrote:
> >
> > Thanks for the reply Cliff. It has happened once before - and I
> had it

> > repaired at the "local" technician - he is 450 miles from
> here...but the
> > problem is...he took 8 months to get to working on it. The average
> time is
> > between 6 and 12 months to get a rig back.
> >
> > The timer is not on - nothing was touched on the rig. I had it tuned
> to the
> > BBC, and was at the other side of the house when the power went
> off. The
> > power came back on 10 minutes later - with the 940 still in the 'on'
> > position. I came back in the room to see everything else all on -
> lights
> > etc, but the 940 was off although its power button was still in
> the on
> > position. Nothing was touched, no timer button or anything else
> between the
> > time that the power went off, till when it returned. (I don't use
> the
> > timer, it stays off)
> >
> >
> >

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

6514. RE: [TS-850_450_690] Re: power surge

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-11-28 06:09:38 UTC
From: John Kramer
Topic: 6503 Message: 6514

Thanks Bob, but I think I will be able to source the parts here.

For other users that have an unstable power source, I found this

interesting mod. It only appears to be applicable to older 940□s,

which applies to me, as I have two 940□s □ a 7XXXXXXXX serial

unit, and a 6XXXXXXXX one.

Here is the mod I found

Kenwood TS-940S (TS 940 S TS940S) AVR unit capacitor change

In those areas of the country that are subject to large

power line voltage fluctuations, excessive voltage may

be applied to capacitor C12 on the AVR unit (X43-1500-00).

These voltage fluctuations might exceed the capacitor

breakdown voltage. Replacing capacitor C12 with a

capacitor having a higher breakdown voltage will help

prevent this potential problem.

Procedure:

On the AVR unit (X43-1500-00) change C12 from a

6800 µF capacitor to a 5600 µF 25 V capacitor (C90-2037-05)

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of Bob Snelgrove
Sent: 28 November 2007 02:56 AM
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] Re: power surge

Can anyone help him out with that part?

bob

----- Original Message -----
From: John Kramer
To: TS-850_450_690@ <mailto:TS-850_450_690%40yahoogroups.com>
yahoogroups.com

Sent: Tuesday, November 27, 2007 3:59 PM
Subject: Re: [TS-850_450_690] Re: power surge

Cliff

Thanks for the mail, It looks like I have found the problem. I applied
power,
and then went checking voltages on the AVR unit. 28 volts was going to
the
final unit and also to the on/off switch. With more checking, I
deduced that
transistor Q6 must be the culprit, as it wasn't providing 21 volts
like it should
have. I switched on a powerful light, and had a good look - sure
enough, Q6
had blown a quarter of it's body away.
I will replace it when I can get to a big city to purchase one -
hopefully that
is the only component that has blown.

Thanks again for your help

73

John ZS5J
Richards Bay, South Africa

On 27 Nov 2007, at 7:53 PM, Clif wrote:

> Look at the schematic and start checking voltages on the connectors.
> If any vary from what the schematic shows then look where it comes
> from and figure out what is wrong.
>
> Clif
>
> --- In TS-850_450_690@ <mailto:TS-850_450_690%40yahoogroups.com>
yahoogroups.com, "John Kramer" <jkramer@...>
> wrote:
> >
> > Thanks for the reply Cliff. It has happened once before - and I
> had it
> > repaired at the "local" technician - he is 450 miles from
> here...but the
> > problem is...he took 8 months to get to working on it. The average
> time is
> > between 6 and 12 months to get a rig back.
> >
> > The timer is not on - nothing was touched on the rig. I had it tuned
> to the
> > BBC, and was at the other side of the house when the power went
> off. The
> > power came back on 10 minutes later - with the 940 still in the 'on'

> > position. I came back in the room to see everything else all on -
> lights
> > etc, but the 940 was off although its power button was still in
> the on
> > position. Nothing was touched, no timer button or anything else
> between the
> > time that the power went off, till when it returned. (I don't use
> the
> > timer, it stays off)
> >
> >
> >

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

6515. Re: [TS-850_450_690] TS-850s Audio Output probem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-11-28 12:55:53 UTC
From: Ian Best
Topic: 6508 Message: 6515

Tnx for the reply.

Ian VO1BC
----- Original Message -----
From: ve3wej gmail
To: TS-850_450_690@yahoogroups.com
Sent: Monday, November 26, 2007 18:14
Subject: Re: [TS-850_450_690] TS-850s Audio Output probem

check for rf gain control or attenuators being turned.....rf gain turned counter clockwise will reduce receive, and will affect the audio (depending on the signal

am signals may be coming in well over the threshold

VE3WEJ
Dave Garber

10-X # 23465
echolink # 52852
irlp node 2202
email ve3wej@...
----- Original Message -----
From: ianbest72
To: TS-850_450_690@yahoogroups.com
Sent: Monday, November 26, 2007 12:40 PM
Subject: [TS-850_450_690] TS-850s Audio Output probem

I have a TS-850 that has recently developed a problem with low audio in SSB mode. AM for example seems as before but in SSB and CW the output audio is very low. It does not matter if I use the speaker in the rig, headphones or an external speaker. A friend of mine suggests that it is a diode that is leaking. Hoping that I might have this confirmed (or refuted!) Any help would be appreciated.

Ian VO1BC

[Non-text portions of this message have been removed]

No virus found in this incoming message.
Checked by AVG Free Edition.
Version: 7.5.503 / Virus Database: 269.16.7/1151 - Release Date: 11/25/2007 4:24 PM

[Non-text portions of this message have been removed]

6516. Re: TS-850s Audio Output probem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-11-28 16:35:10 UTC
From: kdrosenlund
Topic: 6508 Message: 6516

Hi Ian,

Here's a possible cause of your problem that you can check,
if you're willing to dig inside and take some measurements...

>>More information provided by Grant, K1KD:

22-04-2000 TS-850S Low/no Receive sensitivityReports of low or no receive sensitivity accompanied by a lack of audio
from the speaker during CW or SSB modes might be caused by improper RXB voltage levels. Normal RXB voltage is +8 Vdc during receive and 0 Vdc during transmit. If you find approximately + 2 Vdc during receive you might suspect a problem with a leaking diode, D31 on the RF unit (X44-3120-00).

Cause: D31 is used as the transmit switching diode. Leakage of this diode is most probably caused by electrostatic surge or discharges from the antenna.

Parts required: D31, MI204

Procedure: A temporary cure for units that have already been manufactured is to replace D31 with an MI204 diode. Future production radios will change D31 to an LFB01 diode and incorporate a change in the printed circuit foil pattern to allow addition of a series diode.
D103 (LFB01).<<

-Kit

6517. Re: power surge

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-11-28 19:21:16 UTC
From: Clif
Topic: 6503 Message: 6517

Usually the zener (D14) beside it goes also. While shopping get the
pass transistor (Q103) that is mounted on the heatsink that Q6
controls. Don't use the plug on connector on it, solder the leads to
the transistor. That should take care of it.

Clif

--- In TS-850_450_690@yahoogroups.com, John Kramer <jkramer@...> wrote:
>
> Cliff
>
> Thanks for the mail, It looks like I have found the problem. I applied
> power,
> and then went checking voltages on the AVR unit. 28 volts was going to
> the
> final unit and also to the on/off switch. With more checking, I
> deduced that
> transistor Q6 must be the culprit, as it wasn't providing 21 volts
> like it should
> have. I switched on a powerful light, and had a good look - sure
> enough, Q6
> had blown a quarter of it's body away.
> I will replace it when I can get to a big city to purchase one -
> hopefully that
> is the only component that has blown.
>
> Thanks again for your help
>
> 73
>
> John ZS5J
> Richards Bay, South Africa
>
>
>
> On 27 Nov 2007, at 7:53 PM, Clif wrote:
>
> > Look at the schematic and start checking voltages on the connectors.
> > If any vary from what the schematic shows then look where it comes
> > from and figure out what is wrong.
> >
> > Clif
> >
> > --- In TS-850_450_690@yahoogroups.com, "John Kramer" <jkramer@>
> > wrote:

> > >
> > > Thanks for the reply Cliff. It has happened once before - and I
> > had it
> > > repaired at the "local" technician - he is 450 miles from
> > here...but the
> > > problem is...he took 8 months to get to working on it. The average
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> > > between 6 and 12 months to get a rig back.
> > >
> > > The timer is not on - nothing was touched on the rig. I had it tuned
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> > > BBC, and was at the other side of the house when the power went
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> > > power came back on 10 minutes later - with the 940 still in the 'on'
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> > > etc, but the 940 was off although its power button was still in
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> > > position. Nothing was touched, no timer button or anything else
> > between the
> > > time that the power went off, till when it returned. (I don't use
> > the
> > > timer, it stays off)
> > >
> > >
> > >
>
>
> [Non-text portions of this message have been removed]
>

6518. Wanted!

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-11-28 19:26:01 UTC
From: Steven Hays
Topic: 6518 Message: 6518

I am looking for a clean Kenwood TS-450 at a fair price. I would prefer one with built in Ant. tuner.

Thanks and 73,
Steve kc0rey

kc0rey@...

309-371-0540

6519. Re: [TS-850_450_690] Re: power surge

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-11-28 20:21:43 UTC
From: John Kramer
Topic: 6503 Message: 6519

Okay Clif

I had already added Q103 located on the heatsink onto my shopping
list, although
it checked out okay. I hadnt added the zener diode D14, to the list
though - thanks
for that. I will be going down to a large city this weekend and
hopefully get the
parts. Thanks again Clif

73

John ZS5J

On 28 Nov 2007, at 9:21 PM, Clif wrote:

> Usually the zener (D14) beside it goes also. While shopping get the
> pass transistor (Q103) that is mounted on the heatsink that Q6
> controls. Don't use the plug on connector on it, solder the leads to
> the transistor. That should take care of it.
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, John Kramer <jkramer@...>
> wrote:
> >
> > Cliff
> >
> > Thanks for the mail, It looks like I have found the problem. I
> applied
> > power,
> > and then went checking voltages on the AVR unit. 28 volts was
> going to
> > the
> > final unit and also to the on/off switch. With more checking, I
> > deduced that
> > transistor Q6 must be the culprit, as it wasn't providing 21 volts
> > like it should
> > have. I switched on a powerful light, and had a good look - sure
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> > had blown a quarter of it's body away.
> > I will replace it when I can get to a big city to purchase one -
> > hopefully that
> > is the only component that has blown.
> >
> > Thanks again for your help

> >
> > 73
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> > John ZS5J
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> >
> >
> > On 27 Nov 2007, at 7:53 PM, Clif wrote:
> >
> > > Look at the schematic and start checking voltages on the
> connectors.
> > > If any vary from what the schematic shows then look where it comes
> > > from and figure out what is wrong.
> > >
> > > Clif
> > >
> > > --- In TS-850_450_690@yahoogroups.com, "John Kramer" <jkramer@>
> > > wrote:
> > > >
> > > > Thanks for the reply Cliff. It has happened once before - and I
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> > > > repaired at the "local" technician - he is 450 miles from
> > > here...but the
> > > > problem is...he took 8 months to get to working on it. The
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> > > time is
> > > > between 6 and 12 months to get a rig back.
> > > >
> > > > The timer is not on - nothing was touched on the rig. I had it
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> > > to the
> > > > BBC, and was at the other side of the house when the power went
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> > > > position. I came back in the room to see everything else all
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> > > lights
> > > > etc, but the 940 was off although its power button was still in
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> > > between the
> > > > time that the power went off, till when it returned. (I don't
> use
> > > the
> > > > timer, it stays off)
> > > >
> > > >
> > > >

> >
> >
> > [Non-text portions of this message have been removed]
> >
>
>
>

Email sent using apple mail, with Apple iMac 2 core duo computer.

John Kramer

[Non-text portions of this message have been removed]

6523. TS-850 PROC function dead

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-12-02 19:54:24 UTC
From: ha7wac
Topic: 6523 Message: 6523

Hi All,

Seems my trusty 850 (made in 1994) is getting old and needs new components...

For a while the PROC function started to work sometimes, sometimes not, more and more often not.
Now it almost never works. You will say it is not a too important function, but i wonder it could be a start for other functions to go wrong...

Has anyone of you had this kind of problem, and what was the component to change?

Thank you for any idea!
vy73 Chris

6524. TS850 odd display behavior and no xmit

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-12-03 20:52:55 UTC
From: jeffthom99
Topic: 6524 Message: 6524

Hi All,

I guess I have old 850-itis. I was happily scanning along 40m when suddenly, my display reverted to all decimals lighted and all sound output cut off. No RF/transmit function, even in tuner auto tune. Touching the tuning control or entering a frequency manually results in a brief 1/2 sec (correct) display, then back to all decimal points. And the audio monitor emits Morse "UL". I have been through the manuals and cannot find any normal state that gives either a display of all decimals or the "UL" audio prompt. The lost audio and odd non-transmit behavior led me to remove the mike connector to eliminate a bad PTT switch or wiring problem (Kenwood Lesson #1 for me). No joy.

All voltages seem OK, short of disarticulating several bolt-in boards for deeper analysis. However I thought it would be better see if this is a previously found 'easy one' before tearing into the guts. Any ideas will be very welcome! 73's and thanks. Jeff, KB3NAX

6525. Re: [TS-850_450_690] TS850 odd display behavior and no xmit

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-12-03 21:04:47 UTC
From: Ole
Topic: 6524 Message: 6525

jeffthom99 skrev:
> Hi All,
>
> I guess I have old 850-itis. I was happily scanning along 40m when
> suddenly, my display reverted to all decimals lighted and all sound
> output cut off. No RF/transmit function, even in tuner auto tune.
> Touching the tuning control or entering a frequency manually results
> in a brief 1/2 sec (correct) display, then back to all decimal
> points. And the audio monitor emits Morse "UL". I have been through
> the manuals and cannot find any normal state that gives either a
> display of all decimals or the "UL" audio prompt. The lost audio and
> odd non-transmit behavior led me to remove the mike connector to
> eliminate a bad PTT switch or wiring problem (Kenwood Lesson #1 for
> me). No joy.
>
> All voltages seem OK, short of disarticulating several bolt-in boards
> for deeper analysis. However I thought it would be better see if this
> is a previously found 'easy one' before tearing into the guts. Any
> ideas will be very welcome! 73's and thanks. Jeff, KB3NAX
>
>
>
> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
>
>
>
>
>
Hello!

You have got a problem with your vco's. The UL is a sign for lack of
lock on your vco (s).

--
med venlig hilsen/regards

Ole Lundsgaard
(oz2ql)

6526. Re: TS850 odd display behavior and no xmit

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-12-03 21:28:25 UTC
From: ve3thr
Topic: 6524 Message: 6526

--- In TS-850_450_690@yahoogroups.com, Ole <olu@...> wrote:
>
> jeffthom99 skrev:
> > Hi All,
> >
> > I guess I have old 850-itis. I was happily scanning along 40m
when
> > suddenly, my display reverted to all decimals lighted and all
sound
> > output cut off. No RF/transmit function, even in tuner auto
tune.
> > Touching the tuning control or entering a frequency manually
results
> > in a brief 1/2 sec (correct) display, then back to all decimal
> > points. And the audio monitor emits Morse "UL". I have been
through
> > the manuals and cannot find any normal state that gives either a
> > display of all decimals or the "UL" audio prompt. The lost
audio and
> > odd non-transmit behavior led me to remove the mike connector to
> > eliminate a bad PTT switch or wiring problem (Kenwood Lesson #1
for
> > me). No joy.
> >
> > All voltages seem OK, short of disarticulating several bolt-in
boards
> > for deeper analysis. However I thought it would be better see
if this
> > is a previously found 'easy one' before tearing into the guts.
Any
> > ideas will be very welcome! 73's and thanks. Jeff, KB3NAX
> >
> >
> >
> > THANKS FOR USING TS-850_450_690@...
> > Yahoo! Groups Links
> >
> >
> >
> >
> >
> Hello!
>
> You have got a problem with your vco's. The UL is a sign for lack
of

> lock on your vco (s).
>
> --
> med venlig hilsen/regards
>
> Ole Lundsgaard
> (oz2ql)
>
Jeff...my 850 had same trbl couple of yrs ago. The shop replaced the 2 DDS chips, VCO2 board and about 10 electrolytic caps. The "UL" in morse is rig telling you the VCO is unlocked and the dots on the display same. Mine was about 400 bucks labour, parts and allignment. gl es 73 Tom VE3THR

6527. Re: TS850 odd display behavior and no xmit

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-12-04 00:56:43 UTC
From: ve3tmt
Topic: 6524 Message: 6527

Jeff,

As the others have mentioned, the "all dots" and "UL" in code is a sign the VCO has gone out of lock. Before plunking down serious cash to replace boards, measure the VCO voltages as per the service manual. A simple retuning of the VCO's may be all that is required. If that doesn't fix the problem, then check for leaking caps on the CAR board and DIGITAL boards.

Max
VE3TMT

6528. VCO Adjustment procedure files uploaded

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-12-04 01:14:39 UTC
From: ve3tmt
Topic: 6528 Message: 6528

I have uploaded the VCO adjustment procedure. The two files are located in the Alignment FAQ folder.

Max
VE3TMT

6529. Re: TS850 odd display behavior and no xmit

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-12-04 05:27:25 UTC
From: Clif
Topic: 6524 Message: 6529

First rule of servicing: Alignment does not cure a hard failure.
Trying to align to fix a failure mode only further hides the real cause.

That being said. VCO 1-4 are 4 separate VCO's covering 0-30 MHz. If it only blanks in one segment it "could" be an alignment issue. If it blanks on all 4 segments then VCO 1-4 are not at fault (what are the odds of 4 separate oscillators failing at the same time??).

More likely is LO2 VCO which is operational all the time. If this one is unlocked it is usually the trimmer cap has oxidized. Turning it several times to sorta clean it and alignment may work for a while. Best to replace it.

All 5 VCOs depend on the reference oscillator running and the signal being divided correctly. If it stops or if a divide by chip fails the radio unlocks.

VCO 1-4 depend on DDS1 (one of the famous DDS chips) operating properly.

All VCO's depend on the correct PLL data from the microprocesssor.

First isolate via the unlock line which VCO is unlocked. Then analyze what external factors could cause it to unlock. Make sure the unlocked VCO has the correct input levels and frequencies. Trace back thru the schematic and see if the supply voltages are correct.

Clif

--- In TS-850_450_690@yahoogroups.com, "ve3tmt" <ve3tmt@...> wrote:
>
> Jeff,
>
> As the others have mentioned, the "all dots" and "UL" in code is a
> sign the VCO has gone out of lock. Before plunking down serious cash
> to replace boards, measure the VCO voltages as per the service manual.
> A simple retuning of the VCO's may be all that is required. If that
> doesn't fix the problem, then check for leaking caps on the CAR board
> and DIGITAL boards.
>
> Max
> VE3TMT
>

6530. A slight bit of crackly receive audio

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-12-04 05:42:12 UTC
From: mopar_tech383
Topic: 6530 Message: 6530

Im not sure if this is an AGC problem or not and since this is primarily my backup rig im now sure how long this has been this way but I hear sharp cracks on the leading edge of lightning QRN and even on S9-plus signals. No, I haven't left the noise blanker on, but it almost sounds like that's the problem. Turning on the notch gets rid of the crackly noise but am wondering if others have seen this symptom and what the fix would be.

6531. Alignment of VCO's

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-12-04 08:36:46 UTC
From: John Oesterling
Topic: 6531 Message: 6531

My first message disappeared...weird, If you are going to do this remember to store the alignment frequencies in memory first. If any voltage is far off the mark, suspect that oscillator. As mentioned, these trimmers can oxidise as well as get cigarrette smoke and occasionally freon mixed with shellac within the plates. Oxidation also attacks these babies and sometimes you can position them 180 degrees from and get them to work. The best thing to do is to replace them. Mine would display your problem and then a slight tap on the case would cause the trimmer to remake connection. Good luck to you!

6532. Re: TS850 odd display behavior and no xmit

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-12-04 21:12:46 UTC
From: jeffthom99
Topic: 6524 Message: 6532

--- In TS-850_450_690@yahoogroups.com, "Clif" <clif@...> wrote:
>
> First rule of servicing: Alignment does not cure a hard failure.
> Trying to align to fix a failure mode only further hides the real cause.
>
> That being said. VCO 1-4 are 4 separate VCO's covering 0-30 MHz. If it
> only blanks in one segment it "could" be an alignment issue. If it
> blanks on all 4 segments then VCO 1-4 are not at fault (what are the
> odds of 4 separate oscillators failing at the same time??).
>
> More likely is LO2 VCO which is operational all the time. If this one
> is unlocked it is usually the trimmer cap has oxidized. Turning it
> several times to sorta clean it and alignment may work for a while.
> Best to replace it.
>
> All 5 VCOs depend on the reference oscillator running and the signal
> being divided correctly. If it stops or if a divide by chip fails the
> radio unlocks.
>
> VCO 1-4 depend on DDS1 (one of the famous DDS chips) operating properly.
>
> All VCO's depend on the correct PLL data from the microprocesssor.
>
> First isolate via the unlock line which VCO is unlocked. Then analyze
> what external factors could cause it to unlock. Make sure the unlocked
> VCO has the correct input levels and frequencies. Trace back thru the
> schematic and see if the supply voltages are correct.
>
>
> Clif
>
>
> --- In TS-850_450_690@yahoogroups.com, "ve3tmt" <ve3tmt@> wrote:
> >
> > Jeff,
> >
> > As the others have mentioned, the "all dots" and "UL" in code is a
> > sign the VCO has gone out of lock. Before plunking down serious cash
> > to replace boards, measure the VCO voltages as per the service manual.
> > A simple retuning of the VCO's may be all that is required. If that
> > doesn't fix the problem, then check for leaking caps on the CAR board
> > and DIGITAL boards.

Thanks all for very good input. I have the service manual and
schematics now and I'll proceed from here with much fear in my heart

along the diagnostic tree suggested by Clif.

What is this about "Leaking Capacitors"? Did they use the cheapest stuff around or are they just marginal on voltage rating? If I tear out any boards I will for sure recap the darned things. Life is too short for a 10 cent part vs a 20 cent part to wreck my on-air time!!

And a scratchy trimmer, too. Good Grief - My 40 year old Swan rigs at least work, LOL. Hmmm. Come to think of it they got recapped too.

73's de Jeff KB3NAX

6533. Re: TS850 odd display behavior and no xmit

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-12-05 02:46:38 UTC
From: Clif
Topic: 6524 Message: 6533

Have no fear, the group is here.

The service manual alignment procedure is actually a better troubleshooting guide than most realize. Start at the first step and act just like you were going to align it except don't touch any adjustments. Expect the voltages to vary a bit (less than a volt usually). Remember the alignment procedure is for an unaligned radio therefore it starts at the common areas and then in a logical sequence each step builds on the one before it. When you find the fault area it will be obvious. A voltage way out of whack. Study the schematic and try and figure out what could cause it. If you get stumped, THE GROUP IS HERE.

Clif

--- In TS-850_450_690@yahoogroups.com, "jeffthom99" <jeff@...> wrote:
>
> --- In TS-850_450_690@yahoogroups.com, "Clif" <clif@> wrote:
> >
> > First rule of servicing: Alignment does not cure a hard failure.
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> > VCO has the correct input levels and frequencies. Trace back thru the
> > schematic and see if the supply voltages are correct.

> >
> >
> > Clif
> >
> >
> > --- In TS-850_450_690@yahoogroups.com, "ve3tmt" <ve3tmt@> wrote:
> > >
> > > Jeff,
> > >
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> Thanks all for very good input. I have the service manual and
> schematics now and I'll proceed from here with much fear in my heart
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> What is this about "Leaking Capacitors"? Did they use the cheapest
> stuff around or are they just marginal on voltage rating? If I tear
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> short for a 10 cent part vs a 20 cent part to wreck my on-air time!!
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> And a scratchy trimmer, too. Good Grief - My 40 year old Swan rigs at
> least work, LOL. Hmmm. Come to think of it they got recapped too.
>
> 73's de Jeff KB3NAX
>

6534. Schematic for TS-850 Digitial Unit

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-12-05 20:29:56 UTC
From: wa2rwm
Topic: 6534 Message: 6534

I am trying to track a failure in the ACC1 interface to the Digital Unit, but I have no schematic to look at. Is there one out there on the Net?

Any help would be greatly appreciated.

Thanks in Advance,

Rich - WA2RWM

6535. Re: Schematic for TS-850 Digitial Unit

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-12-05 21:23:52 UTC
From: ve3tmt
Topic: 6534 Message: 6535

Rich,

You can download the service manual from here....

http://www.wz5q.net/index/manuals.htm

Scroll down you will see TS850S with schematics.

Good luck,

Max
VE3TMT

6536. TS-850S Beat Tones

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-12-06 02:42:33 UTC
From: catdjc123
Topic: 6536 Message: 6536

I recently noticed that I could hear beat tones on my TS-850SAT on 10.000MHz (CW Mode) even though I didn't have an antenna connected. I found a reference in the instruction manual at the top of page 64 saying that "beat tones may be heard on 10.000MHz, 20.000MHz, and 30.000MHz. This is due to the internal frequency configuration of the radio and is not an indication of any problem. It is normal." I have never run across something like this before, but the manual says it is normal, so OK. However, I can hear the beat tones on every 1MHz increment. On some frequencies it is very low in amplitude, while others it is louder. The only frequency that is dead quite is 14.000MHz. Is this normal? Should the tone on 10.000MHz be S2 in strength? Below are some specific details of how I hear the tone on each frequency.

On my 850 I can hear the beat tones on the following frequencies:

Very slightly:
4.000MHz (louder with AIP off)
5.000MHz (louder with AIP off)
6.000MHz (louder with AIP off)
7.000MHz (louder with AIP off)
9.000MHz (louder with AIP off)
11.000MHz
12.000MHz
13.000MHz
etc. up to 29.000MHz.

Slightly louger:
8.000MHz

Very loud:
10.000MHz (S2 signal strength. S1 with AIP off)
20.000MHz (S1. Slightly less with AIP on)
30.000MHz (No SMeter reading. Louder with AIP on)

No beat tone heard:
14.000MHz

I am also curious if other 850 owners have similar results.

Dan, K1WW

6537. Re: TS-850S Beat Tones

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-12-06 11:59:40 UTC
From: ve3tmt
Topic: 6536 Message: 6537

Hi Dan,

I've always been aware of a tone on 20 mhz on my 850, serial number in the 71 mil range. So I went checking and with no antenna connected I only here it on 10, 20 and 30 mhz. On 10 is registers an S-1, on 20 it is most audible but no S meter reading and on 30 mhz it is barely audible with no reading again. I would be curious to know if there is a fix for this.

Max
VE3TMT

6538. Re: TS-850S Beat Tones

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-12-06 20:18:09 UTC
From: Clif
Topic: 6536 Message: 6538

Probably not since the internal reference is 20 MHz and divided down
to 10 MHz for some circuits.

Clif

--- In TS-850_450_690@yahoogroups.com, "ve3tmt" <ve3tmt@...> wrote:
>
> Hi Dan,
>
> I've always been aware of a tone on 20 mhz on my 850, serial number in
> the 71 mil range. So I went checking and with no antenna connected I
> only here it on 10, 20 and 30 mhz. On 10 is registers an S-1, on 20 it
> is most audible but no S meter reading and on 30 mhz it is barely
> audible with no reading again. I would be curious to know if there is
> a fix for this.
>
> Max
> VE3TMT
>

6539. Re: [TS-850_450_690] Re: TS-850S Beat Tones

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-12-06 23:30:30 UTC
From: kremper4-850@yahoo.com
Topic: 6536 Message: 6539

Clif,

I didn't know of/join the Yahoo Group until after you'd repaired my TS-850SAT. Since then, I've become aware of your continuing and helpful presence there. Thanks for being such a freely given resource of reliable information.

BTW, after some days of annoying intermittent operation of the internal TS-850 keyer, I located the problem: an intermittent cable connection. It was related to the cable connecting to CN2 on the IF Board (X48-3080-00). I would turn on the rig, and the keyer would be functioning normally -- or it might not be working at all (a crap shoot!). It got to the point where I left the top and bottom covers off the rig as I'd tired of removing all those lovely chrome-plated screws.

The "day of determination" came when I turned on the rig, found the keyer functioning, left the house for two hours or so (with the rig still on) and returned to find the keyer dead! As my former boss (W1FB, no blood relationship; I'm not his "N" nephew! :-)) would say, "G-r-r-r-r-r-r!" I found that with the top cover removed, and the rig upside-down, by installing the bottom cover the work/no work status of the keyer changed depending on where pressure was applied to the bottom cover. The area near the front-right was the trigger.

Off came the cover. I suspected that the cable connecting to CN2 might be fractured or shorting to the chassis frame over which some of the cable passes, but it turned out to be none of that. Simply removing the cable from CN2 and reattaching it cured the problem.

Happy Holidays!

73,

Paul / N1FB

Clif <clif@...> wrote:
Probably not since the internal reference is 20 MHz and divided down
to 10 MHz for some circuits.

Clif

--- In TS-850_450_690@yahoogroups.com, "ve3tmt" <ve3tmt@...> wrote:
>
> Hi Dan,
>
> I've always been aware of a tone on 20 mhz on my 850, serial number in
> the 71 mil range. So I went checking and with no antenna connected I
> only here it on 10, 20 and 30 mhz. On 10 is registers an S-1, on 20 it
> is most audible but no S meter reading and on 30 mhz it is barely
> audible with no reading again. I would be curious to know if there is
> a fix for this.
>

> Max
> VE3TMT
>

[Non-text portions of this message have been removed]

6540. Re: Schematic for TS-850 Digitial Unit

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-12-07 01:40:59 UTC
From: wa2rwm
Topic: 6534 Message: 6540

Max,

Thank you very much for the link to this URL! I had the service manual
but did not have the board views or detailed schematics for each
board. You made my day!

Thanks Again!

Rich - WA2RWM

6541. Re: TS-850S Beat Tones

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-12-07 03:04:52 UTC
From: catdjc123
Topic: 6536 Message: 6541

Clif,

Using VE3TMT's data it seems that the beat tones as heard on Max's 850 would represent the correct normal case (beat tones on 10, 20 and 30 MHz). In my case I hear the tones on many other frequencies and at higher S-meter readings which I believe is not normal.

Any ideas as to what could be causing this?

Dan
K1WW

--- In TS-850_450_690@yahoogroups.com, "Clif" <clif@...> wrote:
>
> Probably not since the internal reference is 20 MHz and divided down
> to 10 MHz for some circuits.
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "ve3tmt" <ve3tmt@> wrote:
> >
> > Hi Dan,
> >
> > I've always been aware of a tone on 20 mhz on my 850, serial number in
> > the 71 mil range. So I went checking and with no antenna connected I
> > only here it on 10, 20 and 30 mhz. On 10 is registers an S-1, on 20 it
> > is most audible but no S meter reading and on 30 mhz it is barely
> > audible with no reading again. I would be curious to know if there is
> > a fix for this.
> >
> > Max
> > VE3TMT
> >
>

6542. Re: TS-850S Beat Tones

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-12-07 04:01:41 UTC
From: Clif
Topic: 6536 Message: 6542

List some of the other frequencies. It could be shorted filter diodes
which will cause problems in sensitivity. Then someone to overcome the
loss of sensitivity turned up the Rx gain all the way and Viola,
garbage all over, and reduced sensitivity. Plus the shorted diodes
will let in signals which are not supposed to be there causing
heterodynes.

Clif

--- In TS-850_450_690@yahoogroups.com, "catdjc123" <dancrites@...> wrote:
>
> Clif,
>
> Using VE3TMT's data it seems that the beat tones as heard on Max's
> 850 would represent the correct normal case (beat tones on 10, 20 and
> 30 MHz). In my case I hear the tones on many other frequencies and
> at higher S-meter readings which I believe is not normal.
>
> Any ideas as to what could be causing this?
>
> Dan
> K1WW
>
> --- In TS-850_450_690@...m, "Clif" <clif@> wrote:
> >
> > Probably not since the internal reference is 20 MHz and divided down
> > to 10 MHz for some circuits.
> >
> > Clif
> >
> > --- In TS-850_450_690@yahoogroups.com, "ve3tmt" <ve3tmt@> wrote:
> > >
> > > Hi Dan,
> > >
> > > I've always been aware of a tone on 20 mhz on my 850, serial
> number in
> > > the 71 mil range. So I went checking and with no antenna
> connected I
> > > only here it on 10, 20 and 30 mhz. On 10 is registers an S-1, on
> 20 it
> > > is most audible but no S meter reading and on 30 mhz it is barely
> > > audible with no reading again. I would be curious to know if
> there is
> > > a fix for this.
> > >

> > > Max
> > > VE3TMT
> > >
> >
>

6543. Re: [TS-850_450_690] Re: TS-850S Beat Tones

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-12-07 04:29:23 UTC
From: kremper4-850@yahoo.com
Topic: 6536 Message: 6543

Dan,

I may be out of touch with the original subject matter, but couldn't help but wonder if the "birdies" you're hearing may not be coming from an outside source, such as a nearby computer. I've not searched for birdies in my TS-850, but have heard a few. All of them I consider of no consequence because received signal and noise are of much higher levels.

The one ear popper I heard years ago was a 10-meter birdie [more like a pterodactyl] in a Ten-Tec transceiver; that one pegged the S meter!

73,

Paul / N1FB

Clif <clif@...> wrote:
List some of the other frequencies. It could be shorted filter diodes
which will cause problems in sensitivity. Then someone to overcome the
loss of sensitivity turned up the Rx gain all the way and Viola,
garbage all over, and reduced sensitivity. Plus the shorted diodes
will let in signals which are not supposed to be there causing
heterodynes.

Clif

--- In TS-850_450_690@yahoogroups.com, "catdjc123" <dancrites@...> wrote:
>
> Clif,
>
> Using VE3TMT's data it seems that the beat tones as heard on Max's
> 850 would represent the correct normal case (beat tones on 10, 20 and
> 30 MHz). In my case I hear the tones on many other frequencies and
> at higher S-meter readings which I believe is not normal.
>
> Any ideas as to what could be causing this?
>
> Dan
> K1WW
>
> --- In TS-850_450_690@yahoogroups.com, "Clif" <clif@> wrote:
> >
> > Probably not since the internal reference is 20 MHz and divided down
> > to 10 MHz for some circuits.
> >
> > Clif
> >
> > --- In TS-850_450_690@yahoogroups.com, "ve3tmt" <ve3tmt@> wrote:
> > >

> > > Hi Dan,
> > >
> > > I've always been aware of a tone on 20 mhz on my 850, serial
> number in
> > > the 71 mil range. So I went checking and with no antenna
> connected I
> > > only here it on 10, 20 and 30 mhz. On 10 is registers an S-1, on
> 20 it
> > > is most audible but no S meter reading and on 30 mhz it is barely
> > > audible with no reading again. I would be curious to know if
> there is
> > > a fix for this.
> > >
> > > Max
> > > VE3TMT
> > >
> >
>

[Non-text portions of this message have been removed]

6544. Re: TS-850S Beat Tones

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-12-07 11:29:50 UTC
From: ve3tmt
Topic: 6536 Message: 6544

--- In TS-850_450_690@yahoogroups.com, "Clif" <clif@...> wrote:

List some of the other frequencies. It could be shorted filter diodes which will cause problems in sensitivity. Then someone to overcome the loss of sensitivity turned up the Rx gain all the way and Viola, garbage all over, and reduced sensitivity. Plus the shorted diodes will let in signals which are not supposed to be there causing heterodynes.

Brings up an interesting point Clif. I notice my current 850 (70 mil#) and my previous one (30 mil#) both seem to suffer sensitivity in the 22 mhz area. As you tuned through the range you could or can actually hear the noise level drop as does the s-meter. It also did it with my FT920 which leads me to think it is the vertical. Probably not related but puzzling. This particular radio I know never had the covers off before I got it. So this 20 mhz tone is even more puzzling.

Max
VE3TMT

6545. Re: TS-850S Beat Tones

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-12-07 17:18:41 UTC
From: catdjc123
Topic: 6536 Message: 6545

Paul,

Thanks for the suggestion. In my case it does not appear to be random birdies appearing on various frequencies. My TS930S sitting right next to the 850 is quiet. It is clearly the beat tone feeding through. It only appears on 3.000MHz, 4.000MHz, 5.000MHz, etc.

Dan
K1WW

--- In TS-850_450_690@yahoogroups.com, <kremper4-850@...> wrote:
>
> Dan,
>
> I may be out of touch with the original subject matter, but couldn't help but wonder if the "birdies" you're hearing may not be coming from an outside source, such as a nearby computer. I've not searched for birdies in my TS-850, but have heard a few. All of them I consider of no consequence because received signal and noise are of much higher levels.
>
> The one ear popper I heard years ago was a 10-meter birdie [more like a pterodactyl] in a Ten-Tec transceiver; that one pegged the S meter!
>
> 73,
>
> Paul / N1FB

6547. Re: TS-850S Beat Tones

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-12-07 17:28:48 UTC
From: catdjc123
Topic: 6536 Message: 6547

Hopefully there is a clue in the below information.

I can hear the beat tones on every 1.000MHz increment. On some
frequencies it is very low in amplitude, while others it is louder.
The only frequency that is dead quite is 14.000MHz.

I can hear the beat tones on the following frequencies:

Very slightly:
4.000MHz (louder with AIP off)
5.000MHz (louder with AIP off)
6.000MHz (louder with AIP off)
7.000MHz (louder with AIP off)
9.000MHz (louder with AIP off)
11.000MHz
12.000MHz
13.000MHz
etc. up to 29.000MHz.

Slightly louder:
8.000MHz

No beat tone heard:
14.000MHz

Dan
K1WW

--- In TS-850_450_690@yahoogroups.com, "Clif" <clif@...> wrote:
>
> List some of the other frequencies. It could be shorted filter
diodes
> which will cause problems in sensitivity. Then someone to overcome
the
> loss of sensitivity turned up the Rx gain all the way and Viola,
> garbage all over, and reduced sensitivity. Plus the shorted diodes
> will let in signals which are not supposed to be there causing
> heterodynes.
>
> Clif
>
>
> --- In TS-850_450_690@yahoogroups.com, "catdjc123" <dancrites@>
wrote:
> >
> > Clif,
> >

> > Using VE3TMT's data it seems that the beat tones as heard on
Max's
> > 850 would represent the correct normal case (beat tones on 10,
20 and
> > 30 MHz). In my case I hear the tones on many other frequencies
and
> > at higher S-meter readings which I believe is not normal.
> >
> > Any ideas as to what could be causing this?
> >
> > Dan
> > K1WW

6548. Price for TS-850sat

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-12-09 14:37:06 UTC
From: cw073
Topic: 6548 Message: 6548

Hi gang, I have a clean TS 850 that I may have to sell to help with medical expenses. Can someone give me a true idea of it's current value. No extra filters, mars mod. I was assured when I got it that it was not a "leaky battery" rig. I hate to part with it but it will probably bring the most money of all my gear. Thanks, Richard KM5WX

6549. TS850 Dimmer circuit

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-12-09 15:41:29 UTC
From: Steve McGregor
Topic: 6549 Message: 6549

Hi All,
Does anyone have the circuit for the display dimmer? I have the full service manual but the circuit is drawn as a box labelled dimmer - not too helpful!! I know that the flourescent dislay circuit is driven with a 300v p-p waveform and the dimmer actually pulses this waveform on and off to give a 'dimming effect' but on my rig this is not working. I have checked tha actual switch - this is working OK but of course without the circuit that is as far as I can go. Any help would be more than welcome

Merry Christmas

Steve
M0SMC

6550. Kenwood TS-940S HELP

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-12-09 17:00:27 UTC
From: k5box
Topic: 6550 Message: 6550

I can't get subscribed to the 940S Group for some reason so I decided to ask for help from this group.My Kenwood TS-940S has developed a problem.When I first turn it on the frequency displays then goes blank and no audio out of speaker. When I move the VFO or press band keys/up down keys/slope adjustment/the frequency will display for aprx 1 sec then go blank.I do have a service manual.Has this been a common problem?I hope someone can give me a good starting point to resolve this problem.
Tnx to all for any suggestions . Mike [k5box]

6552. Re: Kenwood TS-940S HELP

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-12-09 17:06:44 UTC
From: Clif
Topic: 6550 Message: 6552

Try the group TS930S it covers both.

Clif

--- In TS-850_450_690@yahoogroups.com, "k5box" <k5box@...> wrote:
>
> I can't get subscribed to the 940S Group for some reason so I decided
> to ask for help from this group.My Kenwood TS-940S has developed a
> problem.When I first turn it on the frequency displays then goes blank
> and no audio out of speaker. When I move the VFO or press band keys/up
> down keys/slope adjustment/the frequency will display for aprx 1 sec
> then go blank.I do have a service manual.Has this been a common
> problem?I hope someone can give me a good starting point to resolve
> this problem.
> Tnx to all for any suggestions . Mike [k5box]
>

6553. Re: [TS-850_450_690] Price for TS-850sat

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-12-10 00:04:39 UTC
From: shaman@wildblue.net
Topic: 6548 Message: 6553

I paid $900 for mine at AES.

Bob KG9IA

> Hi gang, I have a clean TS 850 that I may have to sell to help with
> medical expenses. Can someone give me a true idea of it's current
> value. No extra filters, mars mod. I was assured when I got it that it
> was not a "leaky battery" rig. I hate to part with it but it will
> probably bring the most money of all my gear. Thanks, Richard KM5WX
>
>

"If you're under 30 and not a liberal you have no heart. If you're over
30 and are not a conservative you have no brain" Sir Winston Churchill

6554. Re: Price for TS-850sat

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-12-10 01:11:17 UTC
From: Roland Spoon
Topic: 6548 Message: 6554

I hope it was like new for 900 but that is also a retail store so thier prices will be higher. There are plenty 850's are going for 700-750 on ebay. I am selling one in the 2mil ser# for 625.00 with new the newer DDS chips that is about a 7.8 on the 10 scale. I would ask between $700-775 depending on how clean it is.
Roland AH6RR

-- In TS-850_450_690@yahoogroups.com, shaman@... wrote:
>
> I paid $900 for mine at AES.
>
> Bob KG9IA
>
>
> > Hi gang, I have a clean TS 850 that I may have to sell to help with
> > medical expenses. Can someone give me a true idea of it's current
> > value. No extra filters, mars mod. I was assured when I got it that it
> > was not a "leaky battery" rig. I hate to part with it but it will
> > probably bring the most money of all my gear. Thanks, Richard KM5WX
> >
> >
>
>
> "If you're under 30 and not a liberal you have no heart. If you're over
> 30 and are not a conservative you have no brain" Sir Winston Churchill
>

6555. Re: [TS-850_450_690] Price for TS-850sat

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-12-10 01:33:34 UTC
From: Zack Widup
Topic: 6548 Message: 6555

I've seen them go from $700 to $1000.

I bought mine in brand-new condition, with 400 Hz and 1.8 kHz filters, from someone on eHam.net for $900. I opened it up for all-frequency transmit because I use it now and then with transverters that have an oddball IF. That also enables the 60-meter band.

I also removed the broadcast-band attenuators (a matter of changing jumpers in the rig).

73, Zack W9SZ

On Sun, 9 Dec 2007, shaman@... wrote:

> I paid $900 for mine at AES.
>
> Bob KG9IA
>
>
>> Hi gang, I have a clean TS 850 that I may have to sell to help with
>> medical expenses. Can someone give me a true idea of it's current
>> value. No extra filters, mars mod. I was assured when I got it that it
>> was not a "leaky battery" rig. I hate to part with it but it will
>> probably bring the most money of all my gear. Thanks, Richard KM5WX
>>
>>
>
>
> "If you're under 30 and not a liberal you have no heart. If you're over
> 30 and are not a conservative you have no brain" Sir Winston Churchill
>
>

6556. Re: Price for TS-850sat

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-12-10 01:48:08 UTC
From: ve3tmt
Topic: 6548 Message: 6556

I've seen them go as low as $600 and as high as $900. I don't use eBay for any kind of pricing guide. It is an auction site and prices paid for gear on there are either high or low depending on the demand. Most of the 850's I've seen go for anywhere from $650-$750 depending on optional filters, tuner, voice board etc. I have also seen stock 850's listed in the $900 range, which is way too high for a radio as old as the 850. Even if it does run circles around some of the newer gear. I have a 70 million series model (mfg 1995) with tuner, 500 hz filter, all mods have been done (NB, BCB, tuner for RX, battery, CW monitor), built-in PC interface, and the radio is easily a 9.5/10 on the appearance scale. I still wouldn't expect to get more than $800 for it.

..besides, it's not for sale!

73 and Seasons Greetings to everyone on the list.

Max
VE3TMT

6558. IF-232C Mod

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-12-10 10:20:13 UTC
From: Camillo
Topic: 6558 Message: 6558

Hi, is possible obtain one by-passing DIN connector on the rear of
this interace?
How I can wiring TS-850+DSP-100+IF-232C?
Tnx in advance.
Camillo.

6559. Re: IF-232C Mod

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-12-10 11:55:19 UTC
From: ve3tmt
Topic: 6558 Message: 6559

--- In TS-850_450_690@yahoogroups.com, "Camillo" <iz6gvc@...> wrote:
>
> Hi, is possible obtain one by-passing DIN connector on the rear of
> this interace?
> How I can wiring TS-850+DSP-100+IF-232C?
> Tnx in advance.
> Camillo.
>

See message # 6500

Max
VE3TMT

6560. Re: Kenwood TS-940S HELP

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-12-10 13:27:01 UTC
From: Steve McGregor
Topic: 6550 Message: 6560

--- In TS-850_450_690@yahoogroups.com, "k5box" <k5box@...> wrote:
>
> I can't get subscribed to the 940S Group for some reason so I decided
> to ask for help from this group.My Kenwood TS-940S has developed a
> problem.When I first turn it on the frequency displays then goes
blank
> and no audio out of speaker. When I move the VFO or press band
keys/up
> down keys/slope adjustment/the frequency will display for aprx 1 sec
> then go blank.I do have a service manual.Has this been a common
> problem?I hope someone can give me a good starting point to resolve
> this problem.
> Tnx to all for any suggestions . Mike [k5box]
>

Hi Mike

Have a look in the TS930 group as well. These are the symptoms of PLL unlock - the display is all dots until the contols are moved. Do a search of PLL in the TS930/940 groups and have a look on Jeff King's page about the 940 (do google search). You will then have to determine which of the PLL's are out of lock and fault find accordingly. Then ask again

regards

Steve M0SMC
TS850 & TS940

6561. Re: TS-850S Beat Tones

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-12-10 16:16:59 UTC
From: catdjc123
Topic: 6536 Message: 6561

I had a chance to investigate further this weekend. With no antenna connected I hear tones at the following frequencies in addition to the frequencies I posted earlier when scanning from 0-30MHz.

I think Clif may have called this one correct in thinking that someone has turned up the RX gain. With no antenna connected I noticed that I hear lots of static and static crash type noise hitting S2-S4 on the SMeter. This effect seems to lessen slightly as the receiver gets warm. Also, when searching for beat tones I heard two at 11.885 and 11.830 that on closer listening were clearly SW broadcast stations (I switched to AM) that were being picked up. My 930 sitting right next to the 850 does not pick these signals up without an antenna.

Tones were heard:
0-5MHz is clean except for the loud static crash type noise.
5.935
8.899
12.198, 12.137, 12.869
11.221, 11.954, 11.893, 11.885, 11.830 (11.885 and 11.830 were broadcast stations, maybe the others as well?)
13.114
15.105, 15.170, 15.984
16.168, 16.106, 16.839, 16.900, 16.961
17.083, 17.145
18.865, 18.899
23.127, 23.994
24.043, 24.959
25.875
27.157
29.113

Any ideas/suggestions would be appreciated.

Dan
K1WW

--- In TS-850_450_690@yahoogroups.com, "catdjc123" <dancrites@...> wrote:
>
> Hopefully there is a clue in the below information.
>
> I can hear the beat tones on every 1.000MHz increment. On some
> frequencies it is very low in amplitude, while others it is louder.
> The only frequency that is dead quite is 14.000MHz.

>
> I can hear the beat tones on the following frequencies:
>
> Very slightly:
> 4.000MHz (louder with AIP off)
> 5.000MHz (louder with AIP off)
> 6.000MHz (louder with AIP off)
> 7.000MHz (louder with AIP off)
> 9.000MHz (louder with AIP off)
> 11.000MHz
> 12.000MHz
> 13.000MHz
> etc. up to 29.000MHz.
>
> Slightly louder:
> 8.000MHz
>
> No beat tone heard:
> 14.000MHz
>
> Dan
> K1WW
>
>
> --- In TS-850_450_690@yahoogroups.com, "Clif" <clif@> wrote:
> >
> > List some of the other frequencies. It could be shorted filter
> diodes
> > which will cause problems in sensitivity. Then someone to
overcome
> the
> > loss of sensitivity turned up the Rx gain all the way and Viola,
> > garbage all over, and reduced sensitivity. Plus the shorted
diodes
> > will let in signals which are not supposed to be there causing
> > heterodynes.
> >
> > Clif
> >
> >
> > --- In TS-850_450_690@yahoogroups.com, "catdjc123" <dancrites@>
> wrote:
> > >
> > > Clif,
> > >
> > > Using VE3TMT's data it seems that the beat tones as heard on
> Max's
> > > 850 would represent the correct normal case (beat tones on 10,
> 20 and
> > > 30 MHz). In my case I hear the tones on many other

frequencies
> and
> > > at higher S-meter readings which I believe is not normal.
> > >
> > > Any ideas as to what could be causing this?
> > >
> > > Dan
> > > K1WW
>

6562. Re: TS-850S Beat Tones

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-12-10 17:51:48 UTC
From: Clif
Topic: 6536 Message: 6562

If you are getting static crashes with no antenna hooked up you definitely have a problem. Preface that by saying, no antenna means a dummy load substituted for the antenna, not just an open port.

Clif

--- In TS-850_450_690@yahoogroups.com, "catdjc123" <dancrites@...> wrote:
>
> I had a chance to investigate further this weekend. With no antenna
> connected I hear tones at the following frequencies in addition to
> the frequencies I posted earlier when scanning from 0-30MHz.
>
> I think Clif may have called this one correct in thinking that
> someone has turned up the RX gain. With no antenna connected I
> noticed that I hear lots of static and static crash type noise
> hitting S2-S4 on the SMeter. This effect seems to lessen slightly
> as the receiver gets warm. Also, when searching for beat tones I
> heard two at 11.885 and 11.830 that on closer listening were clearly
> SW broadcast stations (I switched to AM) that were being picked up.
> My 930 sitting right next to the 850 does not pick these signals up
> without an antenna.
>
> Tones were heard:
> 0-5MHz is clean except for the loud static crash type noise.
> 5.935
> 8.899
> 12.198, 12.137, 12.869
> 11.221, 11.954, 11.893, 11.885, 11.830 (11.885 and 11.830 were
> broadcast stations, maybe the others as well?)
> 13.114
> 15.105, 15.170, 15.984
> 16.168, 16.106, 16.839, 16.900, 16.961
> 17.083, 17.145
> 18.865, 18.899
> 23.127, 23.994
> 24.043, 24.959
> 25.875
> 27.157
> 29.113
>
> Any ideas/suggestions would be appreciated.
>
> Dan
> K1WW
>

> --- In TS-850_450_690@yahoogroups.com, "catdjc123" <dancrites@>
> wrote:
> >
> > Hopefully there is a clue in the below information.
> >
> > I can hear the beat tones on every 1.000MHz increment. On some
> > frequencies it is very low in amplitude, while others it is
> louder.
> > The only frequency that is dead quite is 14.000MHz.
> >
> > I can hear the beat tones on the following frequencies:
> >
> > Very slightly:
> > 4.000MHz (louder with AIP off)
> > 5.000MHz (louder with AIP off)
> > 6.000MHz (louder with AIP off)
> > 7.000MHz (louder with AIP off)
> > 9.000MHz (louder with AIP off)
> > 11.000MHz
> > 12.000MHz
> > 13.000MHz
> > etc. up to 29.000MHz.
> >
> > Slightly louder:
> > 8.000MHz
> >
> > No beat tone heard:
> > 14.000MHz
> >
> > Dan
> > K1WW
> >
> >
> > --- In TS-850_450_690@yahoogroups.com, "Clif" <clif@> wrote:
> > >
> > > List some of the other frequencies. It could be shorted filter
> > diodes
> > > which will cause problems in sensitivity. Then someone to
> overcome
> > the
> > > loss of sensitivity turned up the Rx gain all the way and Viola,
> > > garbage all over, and reduced sensitivity. Plus the shorted
> diodes
> > > will let in signals which are not supposed to be there causing
> > > heterodynes.
> > >
> > > Clif
> > >
> > >
> > > --- In TS-850_450_690@yahoogroups.com, "catdjc123" <dancrites@>

> > wrote:
> > > >
> > > > Clif,
> > > >
> > > > Using VE3TMT's data it seems that the beat tones as heard on
> > Max's
> > > > 850 would represent the correct normal case (beat tones on 10,
> > 20 and
> > > > 30 MHz). In my case I hear the tones on many other
> frequencies
> > and
> > > > at higher S-meter readings which I believe is not normal.
> > > >
> > > > Any ideas as to what could be causing this?
> > > >
> > > > Dan
> > > > K1WW
> >
>

6563. Re: TS-850S Beat Tones

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-12-10 17:52:33 UTC
From: ve3tmt
Topic: 6536 Message: 6563

--- In TS-850_450_690@yahoogroups.com, "catdjc123" <dancrites@...> wrote:

> My 930 sitting right next to the 850 does not pick these signals up
> without an antenna.

That could possibly mean the 850 has a more sensitive receiver than the 930, and we all know the 850's receiver was rated one of the best. One wouldn't think ANY stations would be able to be heard without an antenna connected, except perhaps the local AM broadcast band stations and some of the stronger SW stations.
I did a few further tests and any tones I hear are all on frequencies ending in .ooo, example 5.000, 6.000, 7.000 none of the oddball frequencies like you have listed.

With regard to the RF gain being turned up, that may be a possibility, but I am certain mine has never been touched and I am still picking up the tones. I would be afraid that if I was to decrease the RF gain to the point the tones disappear the signals on everything would be down too low. Except for the 20 Mhz signal I didn't hear any of the others when an antenna is connected so it isn't a big issue for me. However I do want the receiver to be as clean sounding as possible. The topic does deserve some further investigation.

Thanks for the info Dan.

Max
VE3TMT

6564. Re: [TS-850_450_690] Re: TS-850S Beat Tones

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-12-10 18:23:22 UTC
From: kremper4-850@yahoo.com
Topic: 6536 Message: 6564

My opinion: The rig should be in transit to Clif ASAP. He might've had the problem resolved by now so the 'ol '850 would have a truly peaceful holiday season and future life.

Wishing everyone Happy Holidays!

73,

Paul / N1FB

catdjc123 <dancrites@...> wrote:
I had a chance to investigate further this weekend. With no antenna connected I hear tones at the following frequencies in addition to the frequencies I posted earlier when scanning from 0-30MHz.

I think Clif may have called this one correct in thinking that someone has turned up the RX gain. With no antenna connected I noticed that I hear lots of static and static crash type noise hitting S2-S4 on the SMeter. This effect seems to lessen slightly as the receiver gets warm. Also, when searching for beat tones I heard two at 11.885 and 11.830 that on closer listening were clearly SW broadcast stations (I switched to AM) that were being picked up. My 930 sitting right next to the 850 does not pick these signals up without an antenna.

Tones were heard:
0-5MHz is clean except for the loud static crash type noise.
5.935
8.899
12.198, 12.137, 12.869
11.221, 11.954, 11.893, 11.885, 11.830 (11.885 and 11.830 were broadcast stations, maybe the others as well?)
13.114
15.105, 15.170, 15.984
16.168, 16.106, 16.839, 16.900, 16.961
17.083, 17.145
18.865, 18.899
23.127, 23.994
24.043, 24.959
25.875
27.157
29.113

Any ideas/suggestions would be appreciated.

Dan
K1WW

--- In TS-850_450_690@yahoogroups.com, "catdjc123" <dancrites@...>
wrote:
>
> Hopefully there is a clue in the below information.
>
> I can hear the beat tones on every 1.000MHz increment. On some
> frequencies it is very low in amplitude, while others it is
louder.
> The only frequency that is dead quite is 14.000MHz.
>
> I can hear the beat tones on the following frequencies:
>
> Very slightly:
> 4.000MHz (louder with AIP off)
> 5.000MHz (louder with AIP off)
> 6.000MHz (louder with AIP off)
> 7.000MHz (louder with AIP off)
> 9.000MHz (louder with AIP off)
> 11.000MHz
> 12.000MHz
> 13.000MHz
> etc. up to 29.000MHz.
>
> Slightly louder:
> 8.000MHz
>
> No beat tone heard:
> 14.000MHz
>
> Dan
> K1WW
>
>
> --- In TS-850_450_690@yahoogroups.com, "Clif" <clif@> wrote:
> >
> > List some of the other frequencies. It could be shorted filter
> diodes
> > which will cause problems in sensitivity. Then someone to
overcome
> the
> > loss of sensitivity turned up the Rx gain all the way and Viola,
> > garbage all over, and reduced sensitivity. Plus the shorted
diodes
> > will let in signals which are not supposed to be there causing
> > heterodynes.
> >
> > Clif
> >
> >
> > --- In TS-850_450_690@yahoogroups.com, "catdjc123" <dancrites@>
> wrote:

> > >
> > > Clif,
> > >
> > > Using VE3TMT's data it seems that the beat tones as heard on
> Max's
> > > 850 would represent the correct normal case (beat tones on 10,
> 20 and
> > > 30 MHz). In my case I hear the tones on many other
frequencies
> and
> > > at higher S-meter readings which I believe is not normal.
> > >
> > > Any ideas as to what could be causing this?
> > >
> > > Dan
> > > K1WW
>

[Non-text portions of this message have been removed]

6567. Re: IF-232C Mod

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-12-10 23:41:17 UTC
From: Camillo
Topic: 6558 Message: 6567

Tnx Max!
73s, Camillo iz6gvc.

--- In TS-850_450_690@yahoogroups.com, "ve3tmt" <ve3tmt@...> wrote:
>
> --- In TS-850_450_690@yahoogroups.com, "Camillo" <iz6gvc@> wrote:
> >
> > Hi, is possible obtain one by-passing DIN connector on the rear of
> > this interace?
> > How I can wiring TS-850+DSP-100+IF-232C?
> > Tnx in advance.
> > Camillo.
> >
>
> See message # 6500
>
> Max
> VE3TMT
>

6568. Scratching in the audio

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-12-11 02:12:19 UTC
From: Tom Osborne
Topic: 6568 Message: 6568

Hi All

This past weekend my TS-450SAT started acting up.

With the antenna disconnected, a really bad scratching noise, kind of like an arcing, started, and got really bad.

With the antenna disconnected, it moves the S-meter when the noise comes on.

I took the bottom and top off and re-seated all the connectors and cables, and tapped or wiggled every thing I could think of, but didn't make any difference.

Any suggestions? Thanks, 73 and Merry Christmas!
Tom W7WHY

6569. Re: Scratching in the audio

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-12-11 18:40:17 UTC
From: Clif
Topic: 6568 Message: 6569

Is this into a dummy load???

Clif

--- In TS-850_450_690@yahoogroups.com, "Tom Osborne" <w7why@...> wrote:
>
> Hi All
>
> This past weekend my TS-450SAT started acting up.
>
> With the antenna disconnected, a really bad scratching noise, kind
of like
> an arcing, started, and got really bad.
>
> With the antenna disconnected, it moves the S-meter when the noise
comes on.
>
> I took the bottom and top off and re-seated all the connectors and
cables,
> and tapped or wiggled every thing I could think of, but didn't make any
> difference.
>
> Any suggestions? Thanks, 73 and Merry Christmas!
> Tom W7WHY
>

6570. Re: Scratching in the audio

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-12-11 20:39:54 UTC
From: Roland Spoon
Topic: 6568 Message: 6570

I bought a 450 once that had the same problem and sent it back to
the guy I bought it from. It would also copy USB signals in USB and
LSB in USB it made no difference what SSB mode you where in.
He told me he had just replaced the DDS chips.
That could be the problem.

-- In TS-850_450_690@yahoogroups.com, "Clif" <clif@...> wrote:
>
> Is this into a dummy load???
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "Tom Osborne" <w7why@>
wrote:
> >
> > Hi All
> >
> > This past weekend my TS-450SAT started acting up.
> >
> > With the antenna disconnected, a really bad scratching noise,
kind
> of like
> > an arcing, started, and got really bad.
> >
> > With the antenna disconnected, it moves the S-meter when the
noise
> comes on.
> >
> > I took the bottom and top off and re-seated all the connectors
and
> cables,
> > and tapped or wiggled every thing I could think of, but didn't
make any
> > difference.
> >
> > Any suggestions? Thanks, 73 and Merry Christmas!
> > Tom W7WHY
> >
>

6571. Re: TS-850S Beat Tones

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-12-11 20:01:19 UTC
From: catdjc123
Topic: 6536 Message: 6571

Paul,

Sage advice. I just wanted to make sure it wasn't something simple
that others had diagnosed before, but it looks like this 850 will be
having a date with Clif in the not too distant future.

Thank you to all for your assistance,

Dan
K1WW

--- In TS-850_450_690@yahoogroups.com, <kremper4-850@...> wrote:
>
> My opinion: The rig should be in transit to Clif ASAP. He
might've had the problem resolved by now so the 'ol '850 would have
a truly peaceful holiday season and future life.
>
> Wishing everyone Happy Holidays!
>
> 73,
>
> Paul / N1FB
>
>
>
> catdjc123 <dancrites@...> wrote:
> I had a chance to investigate further this weekend. With
no antenna
> connected I hear tones at the following frequencies in addition to
> the frequencies I posted earlier when scanning from 0-30MHz.
>
> I think Clif may have called this one correct in thinking that
> someone has turned up the RX gain. With no antenna connected I
> noticed that I hear lots of static and static crash type noise
> hitting S2-S4 on the SMeter. This effect seems to lessen slightly
> as the receiver gets warm. Also, when searching for beat tones I
> heard two at 11.885 and 11.830 that on closer listening were
clearly
> SW broadcast stations (I switched to AM) that were being picked
up.
> My 930 sitting right next to the 850 does not pick these signals
up
> without an antenna.
>
> Tones were heard:
> 0-5MHz is clean except for the loud static crash type noise.

> 5.935
> 8.899
> 12.198, 12.137, 12.869
> 11.221, 11.954, 11.893, 11.885, 11.830 (11.885 and 11.830 were
> broadcast stations, maybe the others as well?)
> 13.114
> 15.105, 15.170, 15.984
> 16.168, 16.106, 16.839, 16.900, 16.961
> 17.083, 17.145
> 18.865, 18.899
> 23.127, 23.994
> 24.043, 24.959
> 25.875
> 27.157
> 29.113
>
> Any ideas/suggestions would be appreciated.
>
> Dan
> K1WW
>
> --- In TS-850_450_690@yahoogroups.com, "catdjc123" <dancrites@>
> wrote:
> >
> > Hopefully there is a clue in the below information.
> >
> > I can hear the beat tones on every 1.000MHz increment. On some
> > frequencies it is very low in amplitude, while others it is
> louder.
> > The only frequency that is dead quite is 14.000MHz.
> >
> > I can hear the beat tones on the following frequencies:
> >
> > Very slightly:
> > 4.000MHz (louder with AIP off)
> > 5.000MHz (louder with AIP off)
> > 6.000MHz (louder with AIP off)
> > 7.000MHz (louder with AIP off)
> > 9.000MHz (louder with AIP off)
> > 11.000MHz
> > 12.000MHz
> > 13.000MHz
> > etc. up to 29.000MHz.
> >
> > Slightly louder:
> > 8.000MHz
> >
> > No beat tone heard:
> > 14.000MHz
> >

> > Dan
> > K1WW
> >
> >
> > --- In TS-850_450_690@yahoogroups.com, "Clif" <clif@> wrote:
> > >
> > > List some of the other frequencies. It could be shorted filter
> > diodes
> > > which will cause problems in sensitivity. Then someone to
> overcome
> > the
> > > loss of sensitivity turned up the Rx gain all the way and
Viola,
> > > garbage all over, and reduced sensitivity. Plus the shorted
> diodes
> > > will let in signals which are not supposed to be there causing
> > > heterodynes.
> > >
> > > Clif

6572. Re: [TS-850_450_690] Re: Scratching in the audio

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-12-12 02:15:38 UTC
From: Tom Osborne
Topic: 6568 Message: 6572

Hi Cliff

No, this is just with no antenna connected. Thanks
Tom W7WHY

> Is this into a dummy load???
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "Tom Osborne" <w7why@...> wrote:
>>
>> Hi All
>>
>> This past weekend my TS-450SAT started acting up.
>>
>> With the antenna disconnected, a really bad scratching noise, kind
> of like
>> an arcing, started, and got really bad.
>>
>> With the antenna disconnected, it moves the S-meter when the noise
> comes on.
>>
>> I took the bottom and top off and re-seated all the connectors and
> cables,
>> and tapped or wiggled every thing I could think of, but didn't make any
>> difference.
>>
>> Any suggestions? Thanks, 73 and Merry Christmas!
>> Tom W7WHY
>>
>
>
>
>
> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
>
>
>
>

6573. TS-850 ATU noise --- and battery questions?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-12-12 07:49:11 UTC
From: Jeremy
Topic: 6573 Message: 6573

The ATU on my 850 make a lot of screaching noises when it tunes. Does it have a moteized roller inductor inside that I need to lube or is this normal. Also my 850 keeps the memory contents just fine do I need to do the battery mod now or is it OK to wait untill it loses the momery contents? Thanks Jeremy N0NZG

6574. Re: Scratching in the audio

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-12-12 15:39:06 UTC
From: Clif
Topic: 6568 Message: 6574

You need to hook up a dummy load. As others on here have found out the 850 is very sensitive and an open antenna port will pick up noise. If it still has noise when a dummy load is connected then it's internal and needs to be fixed. If it goes away, you sure have a noisy shack. GRIN.

Clif

-- In TS-850_450_690@yahoogroups.com, "Tom Osborne" <w7why@...> wrote:
>
>
> Hi Cliff
>
> No, this is just with no antenna connected. Thanks
> Tom W7WHY
>
>
> > Is this into a dummy load???
> >
> > Clif
> >
> > --- In TS-850_450_690@yahoogroups.com, "Tom Osborne" <w7why@> wrote:
> >>
> >> Hi All
> >>
> >> This past weekend my TS-450SAT started acting up.
> >>
> >> With the antenna disconnected, a really bad scratching noise, kind
> > of like
> >> an arcing, started, and got really bad.
> >>
> >> With the antenna disconnected, it moves the S-meter when the noise
> > comes on.
> >>
> >> I took the bottom and top off and re-seated all the connectors and
> > cables,
> >> and tapped or wiggled every thing I could think of, but didn't
make any
> >> difference.
> >>
> >> Any suggestions? Thanks, 73 and Merry Christmas!
> >> Tom W7WHY
> >>
> >
> >

> >
> >
> > THANKS FOR USING TS-850_450_690@...
> > Yahoo! Groups Links
> >
> >
> >
> >
>

6575. Beat tone sampling

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-12-12 23:24:26 UTC
From: ve3tmt
Topic: 6575 Message: 6575

I have uploaded a recording of the tones heard on my 850 with a dummy load connected. No static is heard, anything that registered on the S-meter anyway, but you can really hear the tones on 10 and 20 mhz. I toggled through the receive range at 1 second intervals, so the 1 sec of play to 2 seconds of play is 1 khz, 10 seconds of play to 11 secondas of play is 10 mhz, you get the idea. May not be of interest but for those who wanted to compare the file is there.

73,

Max

6576. New file uploaded to TS-850_450_690

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-12-12 23:25:13 UTC
From: TS-850_450_690@yahoogroups.com
Topic: 421 Message: 6576

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the TS-850_450_690
group.

File : /beat tones.wav
Uploaded by : ve3tmt <ve3tmt@...>
Description : Beat tones on my TS850

You can access this file at the URL:
http://groups.yahoo.com/group/TS-850_450_690/files/beat%20tones.wav

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.htmlfiles

Regards,

ve3tmt <ve3tmt@...>

6577. Re: [TS-850_450_690] Re: Scratching in the audio

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-12-13 02:22:41 UTC
From: Tom Osborne
Topic: 6568 Message: 6577

Hi Clif

I hooked up the dummy load and the noise is still there.

I noticed something else too--when I put it in the FSK position and key the transmitter, it puts out the correct power, but the last red light or 2 in the bar graph were flickering instead of holding solid. When I switched the transmitter off, the noise was real loud. Looks like it needs some medical attention :-) 73
Tom W7WHY

----- Original Message -----
From: "Clif" <clif@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Wednesday, December 12, 2007 7:39 AM
Subject: [TS-850_450_690] Re: Scratching in the audio

> You need to hook up a dummy load. As others on here have found out the
> 850 is very sensitive and an open antenna port will pick up noise. If
> it still has noise when a dummy load is connected then it's internal
> and needs to be fixed. If it goes away, you sure have a noisy shack.
> GRIN.
>
> Clif
>
>
> -- In TS-850_450_690@yahoogroups.com, "Tom Osborne" <w7why@...> wrote:
>>
>>
>> Hi Cliff
>>
>> No, this is just with no antenna connected. Thanks
>> Tom W7WHY
>>
>>
>> > Is this into a dummy load???
>> >
>> > Clif
>> >
>> > --- In TS-850_450_690@yahoogroups.com, "Tom Osborne" <w7why@> wrote:
>> >>
>> >> Hi All
>> >>
>> >> This past weekend my TS-450SAT started acting up.
>> >>
>> >> With the antenna disconnected, a really bad scratching noise, kind

>> > of like
>> >> an arcing, started, and got really bad.
>> >>
>> >> With the antenna disconnected, it moves the S-meter when the noise
>> > comes on.
>> >>
>> >> I took the bottom and top off and re-seated all the connectors and
>> > cables,
>> >> and tapped or wiggled every thing I could think of, but didn't
> make any
>> >> difference.
>> >>
>> >> Any suggestions? Thanks, 73 and Merry Christmas!
>> >> Tom W7WHY
>> >>
>> >
>> >
>> >
>> >
>> > THANKS FOR USING TS-850_450_690@...
>> > Yahoo! Groups Links
>> >
>> >
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>>
>
>
>
>
> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
>
>
>
>

6582. Re: TS450/690 and SM230 Scope

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-12-13 08:39:55 UTC
From: spstrock
Topic: 1734 Message: 6582

Does anyone have any additional information regarding a tap to the IF stage in the 690 for use with the SM220??

Any and all help would be greatly appreciated.

Thank You

Stephen / WA2FDU

--- In TS-850_450_690@yahoogroups.com, "garryhawkinson" <ghawkinson@...> wrote:
>
> Hi all, First post.
> Has anyone ever tried to tap the 8.33 MHZ I.F. on a 450/690 to drive
> the spectrum monitor input on an SM230. The scope is
> supposed to be used with the 950/950SDX but I believe the I.F. chain
> is the same. Would like to use it with my 690 if this has been
> done or is possible. Any thoughts or advice would be gladly accepted.
> Thanks, 73's, Garry, W0ELH
>

6583. Re: TS450/690 and SM230 Scope

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-12-13 18:02:38 UTC
From: ve3tmt
Topic: 1734 Message: 6583

--- In TS-850_450_690@yahoogroups.com, "spstrock" <sstrock@...> wrote:
>
> Does anyone have any additional information regarding a tap to the IF
> stage in the 690 for use with the SM220??
>
> Any and all help would be greatly appreciated.
>
> Thank You
>
> Stephen / WA2FDU

Have you checked the service manual on the TS850? The schematic shows where the IF tap was taken from. May be able to duplicate on the 690?

Also in the manuals for the older TS520 and TS820's showed a means to tap the IF to feed the SM220 scope. The IF is different but the principle should be the same.

Good luck,

Max
VE3TMT

6584. New file uploaded to TS-850_450_690

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-12-14 12:00:03 UTC
From: TS-850_450_690@yahoogroups.com
Topic: 421 Message: 6584

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the TS-850_450_690
group.

File : /BEWARE.jpg
Uploaded by : ve3tmt <ve3tmt@...>
Description : Beware of the ham op wallpaper

You can access this file at the URL:
http://groups.yahoo.com/group/TS-850_450_690/files/BEWARE.jpg

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.htmlfiles

Regards,

ve3tmt <ve3tmt@...>

6585. TS-850S and FL-2100Z

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-12-15 09:49:41 UTC
From: Sven Arne Astrup
Topic: 6585 Message: 6585

HI!

I am trying to make the TS-850S to key my FL-2100Z amplifier, but he drawing of the remote connector are confusing me. Could someone tell me which pin to use to key the amplifier?

73 de Sven LA6KJ

No virus found in this outgoing message.
Checked by AVG Free Edition.
Version: 7.5.503 / Virus Database: 269.17.2/1184 - Release Date: 14.12.2007 11:29

6586. Re: [TS-850_450_690] TS-850S and FL-2100Z

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-12-15 12:39:55 UTC
From: Ken Winterling
Topic: 6585 Message: 6586

Sven,

I don't have an 850 at the moment but have worked on several and I offer this caution regarding keying any external load with the internal relay. While I know the FL-2100Z relay keying circuit is approximately +12 VDC at the connector (ground to transmit) I do not know its current draw. I also do not know the current handling specification for the control relay in the TS-850S. I'm sure somebody on this reflector has done more work on these rigs and can provide that information. You do not want to exceed the specifications for the internal relay contacts.

I would put a ma meter across the FL-2100Z relay connector (which would key the amp) and measure the current. If it is only a couple hundred ma I suspect it will be within the capability of the 850's relay. Any more than that and you should use an external keying circuit. It can be a small relay or a transistor; there are many circuits available for the latter. Commercial rig/amplifier interfaces are also available.

Here are the TS-850S remote connector pin assignments:
1: Speaker output
2: Common contact of control relay for keying an amplifier
3: External PTT circuit (ground this pin to transmit)
4: Normally Open (NO) contact of control relay (closed in transmit mode)
5: Normally close (NC) contact of control relay (closed in receive mode)
6: ALC input (0 to -9 VDC) from external RF amplifier
7: + 12 VDC, 10ma MAX, on Transmit
Shell: ground

To key an external amplifier, you would normally ground pin 2, the common contact of the 850's internal relay. Pin 4, the normally open contact, would be connected to the amplifier's relay jack. Usually a shielded cable is used between the two units. The shield would be connected to the shell of the connector; the center conductor is connected to pin 4.

The ALC connection to the amplifier, if used, would be made using a shielded cable with the shield connected to the shell of the connector. Pin 6 would be connected to the center conductor and connected to the amplifier's ALC jack.

You can also use the pin 7 +12 VDC to key an external circuit such as a transistor instead of the internal relay. Just be sure you do not exceed the 10ma maximum. That won't be a problem if you use it to drive the base of an appropriately-sized transistor.

73,

Ken, WA2LBI

On Dec 15, 2007 4:49 AM, Sven Arne Astrup <la6kj@...> wrote:
> HI!
>
> I am trying to make the TS-850S to key my FL-2100Z amplifier, but he drawing
> of the remote connector are confusing me. Could someone tell me which pin to
> use to key the amplifier?
>
> 73 de Sven LA6KJ

6587. Re: TS-850 ATU noise --- and battery questions?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-12-15 03:11:50 UTC
From: catdjc123
Topic: 6573 Message: 6587

Jeremy,

My 850 is a 61M serial number. My ATU does not make any screaching noises when it tunes. It is fairly quiet other than the mechanical sound of the motors spinning to move the variable caps. I believe the tuner contains two motor driven variable capacitors (VC1 and VC2) and an inductor that has fixed tap points switched by relays, not a roller inductor.

I do not know the answer to your question about any lubrication points within the ATU. I looked in the service manual, but the service manual is silent on this topic as far as I can tell. Maybe someone else in the group has experience with this.

Regarding the battery replacement. I think all 850's are now old enough that replacing the battery is warranted. The fact that your battery is still working is not an indicator that it is not leaking. As an example, my battery was still functional but when I replaced it the battery was beginning to leak and had dripped down on some of the chips that sit below it. I think to not change the battery at this point is risking damage to your rig.

73,

Dan
K1WW

--- In TS-850_450_690@yahoogroups.com, "Jeremy" <maintman73@...>
wrote:
>
> The ATU on my 850 make a lot of screaching noises when it tunes.
Does
> it have a moteized roller inductor inside that I need to lube or is
> this normal. Also my 850 keeps the memory contents just fine do I
need
> to do the battery mod now or is it OK to wait untill it loses the
> momery contents? Thanks Jeremy N0NZG
>

6588. SV: [TS-850_450_690] TS-850S and FL-2100Z

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-12-15 20:06:31 UTC
From: Sven Arne Astrup
Topic: 6585 Message: 6588

Thanks Ken!

That did the trick!

73 de Sven LA6KJ

-----Opprinnelig melding-----
Fra: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
På vegne av Ken Winterling
Sendt: 15. desember 2007 13:40
Til: TS-850_450_690@yahoogroups.com
Emne: Re: [TS-850_450_690] TS-850S and FL-2100Z

Sven,

I don't have an 850 at the moment but have worked on several and I
offer this caution regarding keying any external load with the
internal relay. While I know the FL-2100Z relay keying circuit is
approximately +12 VDC at the connector (ground to transmit) I do not
know its current draw. I also do not know the current handling
specification for the control relay in the TS-850S. I'm sure somebody
on this reflector has done more work on these rigs and can provide
that information. You do not want to exceed the specifications for
the internal relay contacts.

I would put a ma meter across the FL-2100Z relay connector (which
would key the amp) and measure the current. If it is only a couple
hundred ma I suspect it will be within the capability of the 850's
relay. Any more than that and you should use an external keying
circuit. It can be a small relay or a transistor; there are many
circuits available for the latter. Commercial rig/amplifier
interfaces are also available.

Here are the TS-850S remote connector pin assignments:
1: Speaker output
2: Common contact of control relay for keying an amplifier
3: External PTT circuit (ground this pin to transmit)
4: Normally Open (NO) contact of control relay (closed in transmit mode)
5: Normally close (NC) contact of control relay (closed in receive mode)
6: ALC input (0 to -9 VDC) from external RF amplifier
7: + 12 VDC, 10ma MAX, on Transmit
Shell: ground

To key an external amplifier, you would normally ground pin 2, the
common contact of the 850's internal relay. Pin 4, the normally open
contact, would be connected to the amplifier's relay jack. Usually a
shielded cable is used between the two units. The shield would be

connected to the shell of the connector; the center conductor is
connected to pin 4.

The ALC connection to the amplifier, if used, would be made using a
shielded cable with the shield connected to the shell of the
connector. Pin 6 would be connected to the center conductor and
connected to the amplifier's ALC jack.

You can also use the pin 7 +12 VDC to key an external circuit such as
a transistor instead of the internal relay. Just be sure you do not
exceed the 10ma maximum. That won't be a problem if you use it to
drive the base of an appropriately--sized transistor.

73,

Ken, WA2LBI

On Dec 15, 2007 4:49 AM, Sven Arne Astrup <HYPERLINK
"mailto:la6kj%40amsat.org"la6kj@amsat.-org> wrote:
> HI!
>
> I am trying to make the TS-850S to key my FL-2100Z amplifier, but he
drawing
> of the remote connector are confusing me. Could someone tell me which pin
to
> use to key the amplifier?
>
> 73 de Sven LA6KJ

No virus found in this incoming message.
Checked by AVG Free Edition.
Version: 7.5.503 / Virus Database: 269.17.2/1184 - Release Date: 14.12.2007
11:29

No virus found in this outgoing message.
Checked by AVG Free Edition.
Version: 7.5.503 / Virus Database: 269.17.2/1184 - Release Date: 14.12.2007
11:29

[Non-text portions of this message have been removed]

6589. Re: TS-850S and FL-2100Z

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-12-15 22:55:36 UTC
From: Clif
Topic: 6585 Message: 6589

To avoid the potential of no ground and or bad grounds on an amp causing high voltage on the chassis of the amp Kenwood has separated the amp keying ground from the radio ground.

To key an amp hook the ground side of the amp cable to either pin 2 or 4 and the center to the other.

Am not touching on proper grounding techniques.

Clif

--- In TS-850_450_690@yahoogroups.com, "Ken Winterling" <wa2lbi@...> wrote:
>
> Sven,
>
> I don't have an 850 at the moment but have worked on several and I
> offer this caution regarding keying any external load with the
> internal relay. While I know the FL-2100Z relay keying circuit is
> approximately +12 VDC at the connector (ground to transmit) I do not
> know its current draw. I also do not know the current handling
> specification for the control relay in the TS-850S. I'm sure somebody
> on this reflector has done more work on these rigs and can provide
> that information. You do not want to exceed the specifications for
> the internal relay contacts.
>
> I would put a ma meter across the FL-2100Z relay connector (which
> would key the amp) and measure the current. If it is only a couple
> hundred ma I suspect it will be within the capability of the 850's
> relay. Any more than that and you should use an external keying
> circuit. It can be a small relay or a transistor; there are many
> circuits available for the latter. Commercial rig/amplifier
> interfaces are also available.
>
> Here are the TS-850S remote connector pin assignments:
> 1: Speaker output
> 2: Common contact of control relay for keying an amplifier
> 3: External PTT circuit (ground this pin to transmit)
> 4: Normally Open (NO) contact of control relay (closed in transmit mode)
> 5: Normally close (NC) contact of control relay (closed in receive mode)
> 6: ALC input (0 to -9 VDC) from external RF amplifier
> 7: + 12 VDC, 10ma MAX, on Transmit
> Shell: ground
>
> To key an external amplifier, you would normally ground pin 2, the
> common contact of the 850's internal relay. Pin 4, the normally open

> contact, would be connected to the amplifier's relay jack. Usually a
> shielded cable is used between the two units. The shield would be
> connected to the shell of the connector; the center conductor is
> connected to pin 4.
>
> The ALC connection to the amplifier, if used, would be made using a
> shielded cable with the shield connected to the shell of the
> connector. Pin 6 would be connected to the center conductor and
> connected to the amplifier's ALC jack.
>
> You can also use the pin 7 +12 VDC to key an external circuit such as
> a transistor instead of the internal relay. Just be sure you do not
> exceed the 10ma maximum. That won't be a problem if you use it to
> drive the base of an appropriately-sized transistor.
>
> 73,
>
> Ken, WA2LBI
>
> On Dec 15, 2007 4:49 AM, Sven Arne Astrup <la6kj@...> wrote:
> > HI!
> >
> > I am trying to make the TS-850S to key my FL-2100Z amplifier, but
he drawing
> > of the remote connector are confusing me. Could someone tell me
which pin to
> > use to key the amplifier?
> >
> > 73 de Sven LA6KJ
>

6590. Re: [TS-850_450_690] Re: TS-850 ATU noise --- and battery questions?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-12-15 23:40:22 UTC
From: kremper4-850@yahoo.com
Topic: 6573 Message: 6590

Jeremy,

I concur with Dan re the battery replacement. Additionally, I suggest that when you replace the battery, you relocate it as already existing mods have indicated.

73,

Paul / N1FB

catdjc123 <dancrites@...> wrote:
Jeremy,

My 850 is a 61M serial number. My ATU does not make any screaching noises when it tunes. It is fairly quiet other than the mechanical sound of the motors spinning to move the variable caps. I believe the tuner contains two motor driven variable capacitors (VC1 and VC2) and an inductor that has fixed tap points switched by relays, not a roller inductor.

I do not know the answer to your question about any lubrication points within the ATU. I looked in the service manual, but the service manual is silent on this topic as far as I can tell. Maybe someone else in the group has experience with this.

Regarding the battery replacement. I think all 850's are now old enough that replacing the battery is warranted. The fact that your battery is still working is not an indicator that it is not leaking. As an example, my battery was still functional but when I replaced it the battery was beginning to leak and had dripped down on some of the chips that sit below it. I think to not change the battery at this point is risking damage to your rig.

73,

Dan
K1WW

--- In TS-850_450_690@yahoogroups.com, "Jeremy" <maintman73@...>
wrote:
>
> The ATU on my 850 make a lot of screaching noises when it tunes.
Does
> it have a moteized roller inductor inside that I need to lube or is
> this normal. Also my 850 keeps the memory contents just fine do I
need
> to do the battery mod now or is it OK to wait untill it loses the
> momery contents? Thanks Jeremy N0NZG

>

[Non-text portions of this message have been removed]

6591. pc connection to ACC2

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-12-17 16:41:22 UTC
From: raymond
Topic: 6591 Message: 6591

Let's see if I have this right. From the ACC2 connector pin 3 and 4 are audio output. Pin 11 and 12 are the audio input. The PTT pin is 13.

So all I need to use is 4 pins to this connector, since audio and PTT grounds are common. And if I ground my ts850 case to the PC case I only need 3 pins on the ACC2

Is this right?

I have isolation transformers and a db9 connector and opto couplers to make this all work to a sound card.

And does any body know the diameter of the pins in a 13 pin din connector, I can make my own din if I only use 3 pins.

73
ray N8ZU

6592. Re: pc connection to ACC2

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-12-17 17:27:31 UTC
From: ve3tmt
Topic: 6591 Message: 6592

--- In TS-850_450_690@yahoogroups.com, "raymond" <ray_psi@...> wrote:

Let's see if I have this right. From the ACC2 connector pin 3 and 4
are audio output. Pin 11 and 12 are the audio input. The PTT pin is 13.
So all I need to use is 4 pins to this connector, since audio and PTT
grounds are common.

That is correct Ray. Note there are two PTT lines in the ACC2 jack,
pin 9 and pin 13. One, can't remember which, mutes the front mic input
line when keyed. This is the preferred method so your room noise,
sneezing, coughing, and the other is not picked up by the mic.

Max
VE3TMT

6593. Re: [TS-850_450_690] Re: pc connection to ACC2

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-12-18 01:22:54 UTC
From: ve3wej gmail
Topic: 6591 Message: 6593

pin 9...mutes, and 13pin dins are under 5.00 and not even close to 3 pin configuration

VE3WEJ
Dave Garber

10-X # 23465
echolink # 52852
irlp node 2202
email ve3wej@...
----- Original Message -----
From: ve3tmt
To: TS-850_450_690@yahoogroups.com
Sent: Monday, December 17, 2007 12:27 PM
Subject: [TS-850_450_690] Re: pc connection to ACC2

--- In TS-850_450_690@yahoogroups.com, "raymond" <ray_psi@...> wrote:

Let's see if I have this right. From the ACC2 connector pin 3 and 4
are audio output. Pin 11 and 12 are the audio input. The PTT pin is 13.
So all I need to use is 4 pins to this connector, since audio and PTT
grounds are common.

That is correct Ray. Note there are two PTT lines in the ACC2 jack,
pin 9 and pin 13. One, can't remember which, mutes the front mic input
line when keyed. This is the preferred method so your room noise,
sneezing, coughing, and the other is not picked up by the mic.

Max
VE3TMT

[Non-text portions of this message have been removed]

6594. DRU2 and soft contest

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-12-18 08:49:03 UTC
From: f4flq
Topic: 6594 Message: 6594

Hi

I search a schemas for build interface for control the DRU2 on my TS850
and the WinTest contest soft.

If you have info.

Best 73's
Tnx

Manu F4FLQ

6595. Re: [TS-850_450_690] DRU2 and soft contest

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-12-18 21:24:20 UTC
From: ve3wej gmail
Topic: 6594 Message: 6595

it is on page number 51 of the user manual

VE3WEJ
Dave Garber

10-X # 23465
echolink # 52852
irlp node 2202
email ve3wej@...
----- Original Message -----
From: f4flq
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, December 18, 2007 3:49 AM
Subject: [TS-850_450_690] DRU2 and soft contest

Hi

I search a schemas for build interface for control the DRU2 on my TS850
and the WinTest contest soft.

If you have info.

Best 73's
Tnx

Manu F4FLQ

[Non-text portions of this message have been removed]

6597. TS-850 Output Power Adjustment

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-12-24 03:09:20 UTC
From: Gene
Topic: 6597 Message: 6597

Am i correct in assuming that the potentiometer VR7 which is a tiny silver flat surface mount type is the correct one. Located just inside bottom cover for filter access. Just looking at this tiny thing i see no means of adjusting with a tool.

6598. Re: TS-850 Output Power Adjustment

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-12-24 04:37:18 UTC
From: ve3tmt
Topic: 6597 Message: 6598

--- In TS-850_450_690@yahoogroups.com, "Gene" <genbth@...> wrote:
>
> Am i correct in assuming that the potentiometer VR7 which is a tiny
> silver flat surface mount type is the correct one. Located just inside
> bottom cover for filter access. Just looking at this tiny thing i see
> no means of adjusting with a tool.
>

Yes VR7 controls the output power. Why do you need to adjust it? It should not need any adjustment. If adjusted too far the transmitter will go into oscillation. And you will destroy your finals. It should be set for 100W CW output. The station on the other end won't notice any increase the radio is capable of.

Max
VE3TMT

6599. Re: TS-850 Output Power Adjustment

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-12-24 16:27:16 UTC
From: Gene
Topic: 6597 Message: 6599

I adjusted it to see if I could get the radio from its normal 50 to
70 watts closer to 100 watts SSB. The adjustment didn't seem to make
a difference so I brought it back down.

When you say radio will go into oscillation how would I see this
occur or would I? And would reducing the adjustment of the
potentiometer stop the oscillation.

I have noted that i have a power flux at all power settings when I
transmit a CW carrier or FM and AM Cant tell on SSB. I did not
check this prior to adjustment to see if it fluxed then.

> Yes VR7 controls the output power. Why do you need to adjust it? It
> should not need any adjustment. If adjusted too far the transmitter
> will go into oscillation. And you will destroy your finals. It
should
> be set for 100W CW output. The station on the other end won't notice
> any increase the radio is capable of.
>
> Max
> VE3TMT
>

6600. Re: [TS-850_450_690] Re: TS-850 Output Power Adjustment

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-12-24 18:27:10 UTC
From: ve3wej gmail
Topic: 6597 Message: 6600

max can confirm, but isnt there a 50/100 watt switch inside the 850, like the 440 had....maybe that switch is in the wrong position

VE3WEJ
Dave Garber

10-X # 23465
echolink # 52852
irlp node 2202
email ve3wej@...
----- Original Message -----
From: Gene
To: TS-850_450_690@yahoogroups.com
Sent: Monday, December 24, 2007 11:27 AM
Subject: [TS-850_450_690] Re: TS-850 Output Power Adjustment

I adjusted it to see if I could get the radio from its normal 50 to 70 watts closer to 100 watts SSB. The adjustment didn't seem to make a difference so I brought it back down.

When you say radio will go into oscillation how would I see this occur or would I? And would reducing the adjustment of the potentiometer stop the oscillation.

I have noted that i have a power flux at all power settings when I transmit a CW carrier or FM and AM Cant tell on SSB. I did not check this prior to adjustment to see if it fluxed then.

> Yes VR7 controls the output power. Why do you need to adjust it? It
> should not need any adjustment. If adjusted too far the transmitter
> will go into oscillation. And you will destroy your finals. It
should
> be set for 100W CW output. The station on the other end won't notice
> any increase the radio is capable of.
>
> Max
> VE3TMT
>

[Non-text portions of this message have been removed]

6601. Re: TS-850 Output Power Adjustment

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-12-24 20:07:38 UTC
From: ve3tmt
Topic: 6597 Message: 6601

Gene,

When you say 50 or 75 watts or you referring to SSB power or CW or FM carrier power? If you are referring to SSB power you have to measure it on a peak reading meter. The meter on the 850 may or may not be accurate. Best way to check, is put the rig in FM mode and key it or CW and close the key. See what the meter reads. It should be somewhere around 100 watts. On SSB the meter may only go as high as 40 or 50 watts. This is not an indication the radio is lacking output power, simply the meter circuit is not fast enough to keep up with you voice peaks. Turn the peak hold feature on and see what the 850's meter shows. But it is best to measure it on an accurate external watt meter. As far as the oscillation issue, you have to be adjusting VR7 in FM or CW mode. If you turn VR7 too far it will sound like the radio is farting, for lack of a better term and your power will drop. Better to test this on the lower bands. I would set VR7 for 100 watts and leave it. 25 watts either way won't make a difference on the receiving end. there is a power down switch on the RF board just in front of VR7 towards the front of the radio. Make sure it isn't in the 50W position.

73 all and Merry Christmas.

Max

6602. TS-850 band to band output power chynges

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-12-24 22:48:39 UTC
From: Alexandr Kobranov
Topic: 6597 Message: 6602

Hello friends,
is there some simple way how to adjust consistency of output power
from 160 to 10m band? I am asking about situation where band to band
is output power (to good 50Ohm dummy load) different (more then 10%).
It is about some RF stage(-es) adjustament(-s)? (L´s and C´s somewhere)
Maybe I missed this point in Service manual, sorry in this case and
give me tip to page with this info...please...

73! and Merry Christmas and HNY to all.

Lexa, ok1dst

6603. Re: [TS-850_450_690] TS-850 band to band output power changes

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-12-24 22:59:31 UTC
From: Alexandr Kobranov
Topic: 6597 Message: 6603

...just additional info - I mean the same output power without need to
touch CAR or PWR knobs...
for example set 75W CW out on 160m and then switch to 30m and have
again 75W CW out, no more or less
hope it was clear but...
73!
L. -dst-

Alexandr Kobranov napsal(a):
> Hello friends,
> is there some simple way how to adjust consistency of output power
> from 160 to 10m band? I am asking about situation where band to band
> is output power (to good 50Ohm dummy load) different (more then 10%).
> It is about some RF stage(-es) adjustament(-s)? (L´s and C´s somewhere)
> Maybe I missed this point in Service manual, sorry in this case and
> give me tip to page with this info...please...
>
> 73! and Merry Christmas and HNY to all.
>
> Lexa, ok1dst
>
>
>
>
>
>
> THANKS FOR USING TS-850_450_690@YAHOOGROUPS.COM
> Yahoo! Groups Links
>
>
>
>

6605. Re: TS-850 band to band output power changes

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-12-25 22:47:12 UTC
From: Clif
Topic: 6597 Message: 6605

The compensating circuit is called the Carrier Control. When aligned
properly the gain varies from band to band and the Car Control is
adjusted for midscale ALC as needed. The power should then be whatever
the original setting was except for 10m where it will probably be
slightly less.

Clif

--- In TS-850_450_690@yahoogroups.com, Alexandr Kobranov
<kobranov@...> wrote:
>
> ...just additional info - I mean the same output power without need to
> touch CAR or PWR knobs...
> for example set 75W CW out on 160m and then switch to 30m and have
> again 75W CW out, no more or less
> hope it was clear but...
> 73!
> L. -dst-
>
> Alexandr Kobranov napsal(a):
> > Hello friends,
> > is there some simple way how to adjust consistency of output power
> > from 160 to 10m band? I am asking about situation where band to band
> > is output power (to good 50Ohm dummy load) different (more then 10%).
> > It is about some RF stage(-es) adjustament(-s)? (L´s and C´s
somewhere)
> > Maybe I missed this point in Service manual, sorry in this case and
> > give me tip to page with this info...please...
> >
> > 73! and Merry Christmas and HNY to all.
> >
> > Lexa, ok1dst
> >
> >
> >
> >
> >
> >
> > THANKS FOR USING TS-850_450_690@...
> > Yahoo! Groups Links
> >
> >
> >
> >
>

6606. TS-690S ATU mod for 160M and/or 6M possible?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-12-28 18:42:05 UTC
From: aa5te
Topic: 6606 Message: 6606

I've carefully looked over the schematics for the 690S but am at a loss for how to, if it is possible, make the internal ATU work on 6M, or 160M, or both. Anyone know if this can be done? If so, how?

6607. Symptoms of TS-690S oscillation

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-12-28 18:40:12 UTC
From: aa5te
Topic: 6607 Message: 6607

I've noticed something disturbing recently on one of my 690S's only on 6M: when I transmit voice or CW, sometimes the power will jump up to nearly 100W steady state (internal and external meters both indicate the problem, and power supply current jumps as well, so it is real), like it's being continually keyed (it's only rated for 50 or 60W, that's the norm from the factory) and my SWR reading will simultaneously drop to near a perfect match, even if the antenna I'm on isn't at a perfectly matched state. It will do this with three different antennas and the dummy load as well. I have to stop transmitting/unkey, sometimes have to reduce power, in order for this symptom to clear.

I've seen some mods out there for better ALC control in these rigs, and have seen a few people mention oscillation and moving some cables in the radio and installing ferrite beads here and there (and have now done so - ferrite bead and cable moving, without success), but is this really a symptom of oscillation? I would tend to think it is as it jumps high without warning (just like an oscillating op-amp), but would like a second opinion (or third, fourth, etc.).

Tnx

6608. Re: TS-690S ATU mod for 160M and/or 6M possible?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-12-28 23:19:38 UTC
From: Clif
Topic: 6606 Message: 6608

In a short, can't be done.

Clif

--- In TS-850_450_690@yahoogroups.com, "aa5te" <aa5te.kb5ehr@...> wrote:
>
> I've carefully looked over the schematics for the 690S but am at a
> loss for how to, if it is possible, make the internal ATU work on 6M,
> or 160M, or both. Anyone know if this can be done? If so, how?
>

6609. ts450s

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-12-29 04:48:21 UTC
From: phf831
Topic: 6609 Message: 6609

internal battery leaked and ruined front circuit board. need the board
or the memory chip from it. will also consider selling my rig for parts
if u need some. contact here or at n9pf@...

6610. Re: [TS-850_450_690] ts450s

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-12-29 20:38:47 UTC
From: ve3wej gmail
Topic: 6609 Message: 6610

there was a 450 parting out on the ontario swap shop... http://www.ontarioswapshop.com/

search the page for a ve3nh.....

not sure if it still there or not, also have you checked with kenwoodparts.com for a price (to compare)

VE3WEJ
Dave Garber

10-X # 23465
echolink # 52852
irlp node 2202
email ve3wej@...
----- Original Message -----
From: phf831
To: TS-850_450_690@yahoogroups.com
Sent: Friday, December 28, 2007 11:48 PM
Subject: [TS-850_450_690] ts450s

internal battery leaked and ruined front circuit board. need the board
or the memory chip from it. will also consider selling my rig for parts
if u need some. contact here or at n9pf@...

[Non-text portions of this message have been removed]

6611. off topic

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-12-29 22:51:11 UTC
From: h0tguitar@aol.com
Topic: 6611 Message: 6611

I have a Icom IC-761 I am looking for a good factory certified service center near Charlotte NC. Anyone know the location of one?
thanx
harold

**********See AOL's top rated recipes (http://food.aol.com/top-rated-recipes?NCID=aoltop00030000000004)

[Non-text portions of this message have been removed]

6612. Re: [TS-850_450_690] ts450s

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-12-30 02:47:32 UTC
From: paul fisher
Topic: 6609 Message: 6612

dave - thanks much for the tip. sounds like ve3nh had same problem as I. sent him an email and hope to commiserate with him......73.......n9pf/paul

ve3wej gmail <ve3wej@...> wrote: there was a 450 parting out on the ontario swap shop... http://www.ontarioswapshop.com/

search the page for a ve3nh.....

not sure if it still there or not, also have you checked with kenwoodparts.com for a price (to compare)

VE3WEJ
Dave Garber

10-X # 23465
echolink # 52852
irlp node 2202
email ve3wej@...
----- Original Message -----
From: phf831
To: TS-850_450_690@yahoogroups.com
Sent: Friday, December 28, 2007 11:48 PM
Subject: [TS-850_450_690] ts450s

internal battery leaked and ruined front circuit board. need the board
or the memory chip from it. will also consider selling my rig for parts
if u need some. contact here or at n9pf@...

[Non-text portions of this message have been removed]

Looking for last minute shopping deals? Find them fast with Yahoo! Search.

[Non-text portions of this message have been removed]

6613. Re: [TS-850_450_690] off topic

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2007-12-30 23:12:30 UTC
From: Thomas Jones
Topic: 6611 Message: 6613

Well this is not close to NC but the guy is really
good and the prices are great too.

www.sarts1.com

It's in Michigan...hope this helps...

Tom

--- h0tguitar@... wrote:

> I have a Icom IC-761 I am looking for a good
> factory certified service
> center near Charlotte NC. Anyone know the location
> of one?
> thanx
> harold
>
>
>
> ***********************************See AOL's top
> rated recipes
>
(http://food.aol.com/top-rated-recipes?NCID=aoltop00030000000004)
>
>
> [Non-text portions of this message have been
> removed]
>
>

Looking for last minute shopping deals?
Find them fast with Yahoo! Search.
http://tools.search.yahoo.com/newsearch/category.php?category=shopping

6614. Replacement diode required

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-01-01 13:10:36 UTC
From: squib22
Topic: 6614 Message: 6614

My TS850s recently suffered the failure of the D31 RX switching diode, (original part RLS135)a surface mount component.
Looking at previous posts on this site I understand that a MI204 is a suitable replacement but I have been unable to find a supplier of this diode here in the UK.(unless someone knows otherwise)
Is there another more readily available substitute that can be used or does anyone know a supplier that would be prepaired to ship such a small item to the UK without charging a fortune for carriage?

6615. Replacement diode required

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-01-01 15:12:51 UTC
From: Tracey Gardner
Topic: 6614 Message: 6615

I see that Parts Store have the diode in stock at $3.95 plus $7.45 shipping
within the USA, but no international shipping.
It looks as though you need to find some kind person on the list, in the
USA, willing to purchase one and ship it over to you for a consideration.
What other suppliers have you found?

73s Tracey G5VU

850_450_690] Replacement diode required

> My TS850s recently suffered the failure of the D31 RX switching diode,
> (original part RLS135)a surface mount component.
> Looking at previous posts on this site I understand that a MI204 is a
> suitable replacement but I have been unable to find a supplier of this
> diode here in the UK.(unless someone knows otherwise)
> Is there another more readily available substitute that can be used or
> does anyone know a supplier that would be prepaired to ship such a
> small item to the UK without charging a fortune for carriage?
>

6616. Re: Replacement diode required

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-01-01 17:53:44 UTC
From: squib22
Topic: 6614 Message: 6616

Hi Tracey
Thanks for the info, I have just sent them an e-mail to see if they will ship to the UK and am awaiting their reply.
So far all my searching has been via the web as most companies have been on holiday for Christmas,but I intend to start making a few phone calls when everyone starts back again. If anything turns up I will post it on here so that others will benefit.

73's Cyril

--- In TS-850_450_690@yahoogroups.com, "Tracey Gardner" <tracey.gardner@...> wrote:
>
> I see that Parts Store have the diode in stock at $3.95 plus $7.45 shipping
> within the USA, but no international shipping.
> It looks as though you need to find some kind person on the list, in the
> USA, willing to purchase one and ship it over to you for a consideration.
> What other suppliers have you found?
>
> 73s Tracey G5VU
>
> 850_450_690] Replacement diode required
>
>
> > My TS850s recently suffered the failure of the D31 RX switching diode,
> > (original part RLS135)a surface mount component.
> > Looking at previous posts on this site I understand that a MI204 is a
> > suitable replacement but I have been unable to find a supplier of this
> > diode here in the UK

6617. Re: Replacement diode required

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-01-01 18:16:37 UTC
From: Clif
Topic: 6614 Message: 6617

Kenwood parts shows the MI 204 to be discontinued and the replacement is XB15A204 . It is $2.71. You might try them I think they ship overseas or you could look for the replacement over there.

www. kenwoodparts. com remove the spaces.

Clif

-- In TS-850_450_690@yahoogroups.com, "squib22" <squib22@...> wrote:
>
> Hi Tracey
> Thanks for the info, I have just sent them an e-mail to see if they
> will ship to the UK and am awaiting their reply.
> So far all my searching has been via the web as most companies have
> been on holiday for Christmas,but I intend to start making a few
> phone calls when everyone starts back again. If anything turns up I
> will post it on here so that others will benefit.
>
> 73's Cyril
>
>
>
> --- In TS-850_450_690@yahoogroups.com, "Tracey Gardner"
> <tracey.gardner@> wrote:
> >
> > I see that Parts Store have the diode in stock at $3.95 plus $7.45
> shipping
> > within the USA, but no international shipping.
> > It looks as though you need to find some kind person on the list,
> in the
> > USA, willing to purchase one and ship it over to you for a
> consideration.
> > What other suppliers have you found?
> >
> > 73s Tracey G5VU
> >
> > 850_450_690] Replacement diode required
> >
> >
> > > My TS850s recently suffered the failure of the D31 RX switching
> diode,
> > > (original part RLS135)a surface mount component.
> > > Looking at previous posts on this site I understand that a MI204
> is a
> > > suitable replacement but I have been unable to find a supplier of
> this

> > > diode here in the UK
>

6618. RE: [TS-850_450_690] Re: Replacement diode required

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-01-01 18:13:35 UTC
From: Cole Cunningham
Topic: 6614 Message: 6618

A google search turned up this message on the QRP website. It looks like the RLS135 is a common 1N914 silicon diode which should be available anywhere.

http://qrp.kd4ab.org/1994/940607/0015.html

Cole

AA7RD

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com] On Behalf Of squib22
Sent: Tuesday, January 01, 2008 10:54 AM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] Re: Replacement diode required

Hi Tracey
Thanks for the info, I have just sent them an e-mail to see if they will ship to the UK and am awaiting their reply.
So far all my searching has been via the web as most companies have been on holiday for Christmas,but I intend to start making a few phone calls when everyone starts back again. If anything turns up I will post it on here so that others will benefit.

[Non-text portions of this message have been removed]

6619. Re: [TS-850_450_690] Replacement diode required

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-01-01 19:10:26 UTC
From: ve3wej gmail
Topic: 6614 Message: 6619

I have a couple here under the replacement number for the mi-204... not sure if my mailing it would any cheaper, or any faster. let me know if you get stuck...

VE3WEJ
Dave Garber

10-X # 23465
echolink # 52852
irlp node 2202
email ve3wej@...
----- Original Message -----
From: squib22
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, January 01, 2008 8:10 AM
Subject: [TS-850_450_690] Replacement diode required

My TS850s recently suffered the failure of the D31 RX switching diode, (original part RLS135)a surface mount component.
Looking at previous posts on this site I understand that a MI204 is a suitable replacement but I have been unable to find a supplier of this diode here in the UK.(unless someone knows otherwise)
Is there another more readily available substitute that can be used or does anyone know a supplier that would be prepaired to ship such a small item to the UK without charging a fortune for carriage?

[Non-text portions of this message have been removed]

6620. Re: [TS-850_450_690] Replacement diode required

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-01-01 21:45:55 UTC
From: Alexandr Kobranov
Topic: 6614 Message: 6620

Hi
please check

http://www.ges.cz/?page=index&or=sort&ipp=12&lang=en&cur=EUR&gcat=X1DDG&of=1&inc=browse

there is some source for switching PIN diodes in e-shop (after
registration).
There is 13pcs of MI301 already in the stock.

Try to compare parameters and try to order....

73! and HNY!
Lexa, ok1dst

squib22 napsal(a):
> My TS850s recently suffered the failure of the D31 RX switching diode,
> (original part RLS135)a surface mount component.
> Looking at previous posts on this site I understand that a MI204 is a
> suitable replacement but I have been unable to find a supplier of this
> diode here in the UK.(unless someone knows otherwise)
> Is there another more readily available substitute that can be used or
> does anyone know a supplier that would be prepaired to ship such a
> small item to the UK without charging a fortune for carriage?
>

6621. Re: TS-850 Receive problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-01-01 22:52:00 UTC
From: Dan Janda
Topic: 5869 Message: 6621

Cliff, Doyle et al...

I returned from a long absence (18 months) and turned on my TS-850 to
listen to the radio...

Surprise...

I have what appears to me to be similar symptoms to Doyle's.

The "On Air" indicator is lit but not at full brilliance.

The radio does not receive.

The TXB line on the RF board is at 7.9 volts.
The RXB line is at 0 volts.

The rig has only th "clip Diode D11" mod, to open 5 and 10 MHZ.

I have replaced the battery (was still original) with a battery holder
whose pin spacing matched the welded pins of the original battery,
although there is only one Positive pin.

My serial number is 30900353 (TS-850S/AT

I never saw a reply by Doyle about his problem, and wonder where to go
with this.

Dan AA3LS
(in snowy Northeastern Pennsylvania)

--- In TS-850_450_690@yahoogroups.com, "Clif" <clif@...> wrote:
>
> What does the s-meter show when "no receive"?
> Open the radio and measure the RXB and TXB lines when in no rx mode.
> Readings???
>
> SN of radio?? First 4 numbers fine...
>
> Clif
>
>
> --- In TS-850_450_690@yahoogroups.com, "lightsearch52"
> <lightsearch52@> wrote:
> >
> > My 850 has been a problem for a while. I replaced the DC to DC board
> > and replaced the battery. While performing these I inspected the caps
> > on the CAR board at that time and they were visually OK. It started a
> > different problem now with no receive when turned on. With this I

> > noticed the On Air light would be on about half brilliance. The rig
> > was NOT transmitting, however. Reading in the group postings and
> > elsewhere made me believe the TX board may be at fault. We just
> > changed it this evening. Problem still exists. When the rig is off for
> > some period and powered up, the On Air light is half brilliance.
> > Keying the radio does cause it to transmit and the light go to full
> > brilliance. After it is powered for a period of time, the Air light
> > dims to almost out. At this point, there is an intermittent receive
> > condition that may last from 5 seconds to a minute. All bands work
> > during this time and the S Meter responds. During these periods the
> > radio will transmit when keyed and work fine. Kerchunking the mike
> > does not necessarily cause receive to return.
> > Do not find anything in my research, so I am asking the experts.
> >
> > Doyle/K9DEH
> >
>

6622. Re: TS-850 Receive problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-01-02 00:28:39 UTC
From: Clif
Topic: 5869 Message: 6622

Most likely;

C1 on the carrier unit has leaked and shorted the 8v line to the TXB
line which runs under it.

Clif

--- In TS-850_450_690@yahoogroups.com, "Dan Janda"
<birchardvilleobservatory@...> wrote:
>
> Cliff, Doyle et al...
>
> I returned from a long absence (18 months) and turned on my TS-850 to
> listen to the radio...
>
> Surprise...
>
> I have what appears to me to be similar symptoms to Doyle's.
>
> The "On Air" indicator is lit but not at full brilliance.
>
> The radio does not receive.
>
> The TXB line on the RF board is at 7.9 volts.
> The RXB line is at 0 volts.
>
> The rig has only th "clip Diode D11" mod, to open 5 and 10 MHZ.
>
> I have replaced the battery (was still original) with a battery holder
> whose pin spacing matched the welded pins of the original battery,
> although there is only one Positive pin.
>
> My serial number is 30900353 (TS-850S/AT
>
> I never saw a reply by Doyle about his problem, and wonder where to go
> with this.
>
> Dan AA3LS
> (in snowy Northeastern Pennsylvania)
>
> --- In TS-850_450_690@yahoogroups.com, "Clif" <clif@> wrote:
> >
> > What does the s-meter show when "no receive"?
> > Open the radio and measure the RXB and TXB lines when in no rx mode.
> > Readings???
> >

> > SN of radio?? First 4 numbers fine...
> >
> > Clif
> >
> >
> > --- In TS-850_450_690@yahoogroups.com, "lightsearch52"
> > <lightsearch52@> wrote:
> > >
> > > My 850 has been a problem for a while. I replaced the DC to DC board
> > > and replaced the battery. While performing these I inspected the
caps
> > > on the CAR board at that time and they were visually OK. It
started a
> > > different problem now with no receive when turned on. With this I
> > > noticed the On Air light would be on about half brilliance. The rig
> > > was NOT transmitting, however. Reading in the group postings and
> > > elsewhere made me believe the TX board may be at fault. We just
> > > changed it this evening. Problem still exists. When the rig is
off for
> > > some period and powered up, the On Air light is half brilliance.
> > > Keying the radio does cause it to transmit and the light go to full
> > > brilliance. After it is powered for a period of time, the Air light
> > > dims to almost out. At this point, there is an intermittent receive
> > > condition that may last from 5 seconds to a minute. All bands work
> > > during this time and the S Meter responds. During these periods the
> > > radio will transmit when keyed and work fine. Kerchunking the mike
> > > does not necessarily cause receive to return.
> > > Do not find anything in my research, so I am asking the experts.
> > >
> > > Doyle/K9DEH
> > >
> >
>

6623. Re: TS-850 Receive problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-01-02 00:42:00 UTC
From: Dan Janda
Topic: 5869 Message: 6623

Thanks, Clif,

I'll check it out.

Dan AA3LS

--- In TS-850_450_690@yahoogroups.com, "Clif" <clif@...> wrote:
>
> Most likely;
>
> C1 on the carrier unit has leaked and shorted the 8v line to the TXB
> line which runs under it.
>
> Clif
>
>
> --- In TS-850_450_690@yahoogroups.com, "Dan Janda"
> <birchardvilleobservatory@> wrote:
> >
> > Cliff, Doyle et al...
> >
> > I returned from a long absence (18 months) and turned on my TS-850 to
> > listen to the radio...
> >
> > Surprise...
> >
> > I have what appears to me to be similar symptoms to Doyle's.
> >
> > The "On Air" indicator is lit but not at full brilliance.
> >
> > The radio does not receive.
> >
> > The TXB line on the RF board is at 7.9 volts.
> > The RXB line is at 0 volts.
> >
> > The rig has only th "clip Diode D11" mod, to open 5 and 10 MHZ.
> >
> > I have replaced the battery (was still original) with a battery holder
> > whose pin spacing matched the welded pins of the original battery,
> > although there is only one Positive pin.
> >
> > My serial number is 30900353 (TS-850S/AT
> >
> > I never saw a reply by Doyle about his problem, and wonder where to go
> > with this.
> >

> > Dan AA3LS
> > (in snowy Northeastern Pennsylvania)
> >
> > --- In TS-850_450_690@yahoogroups.com, "Clif" <clif@> wrote:
> > >
> > > What does the s-meter show when "no receive"?
> > > Open the radio and measure the RXB and TXB lines when in no rx mode.
> > > Readings???
> > >
> > > SN of radio?? First 4 numbers fine...
> > >
> > > Clif
> > >
> > >
> > > --- In TS-850_450_690@yahoogroups.com, "lightsearch52"
> > > <lightsearch52@> wrote:
> > > >
> > > > My 850 has been a problem for a while. I replaced the DC to DC
board
> > > > and replaced the battery. While performing these I inspected the
> caps
> > > > on the CAR board at that time and they were visually OK. It
> started a
> > > > different problem now with no receive when turned on. With this I
> > > > noticed the On Air light would be on about half brilliance.
The rig
> > > > was NOT transmitting, however. Reading in the group postings and
> > > > elsewhere made me believe the TX board may be at fault. We just
> > > > changed it this evening. Problem still exists. When the rig is
> off for
> > > > some period and powered up, the On Air light is half brilliance.
> > > > Keying the radio does cause it to transmit and the light go to
full
> > > > brilliance. After it is powered for a period of time, the Air
light
> > > > dims to almost out. At this point, there is an intermittent
receive
> > > > condition that may last from 5 seconds to a minute. All bands work
> > > > during this time and the S Meter responds. During these
periods the
> > > > radio will transmit when keyed and work fine. Kerchunking the mike
> > > > does not necessarily cause receive to return.
> > > > Do not find anything in my research, so I am asking the experts.
> > > >
> > > > Doyle/K9DEH
> > > >
> > >
> >
>

6624. Re: TS-850 Receive problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-01-02 02:02:04 UTC
From: Dan Janda
Topic: 5869 Message: 6624

Clif, a follow-up...

I opened the CAR unit and carefully checked around it (both sides) and saw no leakage -- but then I didn't remove any components or even connectors when I inspected it. the caps ar3e sitting on little pedastals, and the pedestals are black, and no sign of electrolyte or anything like unto it.

Well, enough for tonight. Reading schematics and pcboard layouts on-line (well,m after downloading the service manual but not printing it out, is a pain.

Thanks again...

Dan AA3LS

--- In TS-850_450_690@yahoogroups.com, "Clif" <clif@...> wrote:
>
> Most likely;
>
> C1 on the carrier unit has leaked and shorted the 8v line to the TXB
> line which runs under it.
>
> Clif
>
>
> --- In TS-850_450_690@yahoogroups.com, "Dan Janda"
> <birchardvilleobservatory@> wrote:
> >
> > Cliff, Doyle et al...
> >
> > I returned from a long absence (18 months) and turned on my TS-850 to
> > listen to the radio...
> >
> > Surprise...
> >
> > I have what appears to me to be similar symptoms to Doyle's.
> >
> > The "On Air" indicator is lit but not at full brilliance.
> >
> > The radio does not receive.
> >
> > The TXB line on the RF board is at 7.9 volts.
> > The RXB line is at 0 volts.
> >
> > The rig has only th "clip Diode D11" mod, to open 5 and 10 MHZ.

> >
> > I have replaced the battery (was still original) with a battery holder
> > whose pin spacing matched the welded pins of the original battery,
> > although there is only one Positive pin.
> >
> > My serial number is 30900353 (TS-850S/AT
> >
> > I never saw a reply by Doyle about his problem, and wonder where to go
> > with this.
> >
> > Dan AA3LS
> > (in snowy Northeastern Pennsylvania)
> >
> > --- In TS-850_450_690@yahoogroups.com, "Clif" <clif@> wrote:
> > >
> > > What does the s-meter show when "no receive"?
> > > Open the radio and measure the RXB and TXB lines when in no rx mode.
> > > Readings???
> > >
> > > SN of radio?? First 4 numbers fine...
> > >
> > > Clif
> > >
> > >
> > > --- In TS-850_450_690@yahoogroups.com, "lightsearch52"
> > > <lightsearch52@> wrote:
> > > >
> > > > My 850 has been a problem for a while. I replaced the DC to DC
board
> > > > and replaced the battery. While performing these I inspected the
> caps
> > > > on the CAR board at that time and they were visually OK. It
> started a
> > > > different problem now with no receive when turned on. With this I
> > > > noticed the On Air light would be on about half brilliance.
The rig
> > > > was NOT transmitting, however. Reading in the group postings and
> > > > elsewhere made me believe the TX board may be at fault. We just
> > > > changed it this evening. Problem still exists. When the rig is
> off for
> > > > some period and powered up, the On Air light is half brilliance.
> > > > Keying the radio does cause it to transmit and the light go to
full
> > > > brilliance. After it is powered for a period of time, the Air
light
> > > > dims to almost out. At this point, there is an intermittent
receive
> > > > condition that may last from 5 seconds to a minute. All bands work
> > > > during this time and the S Meter responds. During these
periods the

> > > > radio will transmit when keyed and work fine. Kerchunking the mike
> > > > does not necessarily cause receive to return.
> > > > Do not find anything in my research, so I am asking the experts.
> > > >
> > > > Doyle/K9DEH
> > > >
> > >
> >
>

6625. TS850s for sale

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-01-03 00:59:38 UTC
From: cw073
Topic: 6625 Message: 6625

I have a ts850 for sale. It's in excellent condition. I have to sell it due to medical expenses. Please make an offer. It has one extra filter installed. Reply to km5wx@... Thanks

6626. Re: TS-850 Receive problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-01-03 20:51:19 UTC
From: Dan Janda
Topic: 5869 Message: 6626

For those with inquiring minds...

After replacing the memory keep-alive battery, I reassembled the rig enough for a smoke test. Somewhere along the way, though, the REC/SEND switch had been pressed!

Duh!

Root cause analysis of problem -- short between the headsets!

Thanks,

Dan AA3LS

--- In TS-850_450_690@yahoogroups.com, "Dan Janda" <birchardvilleobservatory@...> wrote:
>
> Clif, a follow-up...
>
> I opened the CAR unit and carefully checked around it (both sides) and
> saw no leakage -- but then I didn't remove any components or even
> connectors when I inspected it. the caps ar3e sitting on little
> pedastals, and the pedestals are black, and no sign of electrolyte or
> anything like unto it.
>
> Well, enough for tonight. Reading schematics and pcboard layouts
> on-line (well,m after downloading the service manual but not printing
> it out, is a pain.
>
> Thanks again...
>
> Dan AA3LS
>
> --- In TS-850_450_690@yahoogroups.com, "Clif" <clif@> wrote:
> >
> > Most likely;
> >
> > C1 on the carrier unit has leaked and shorted the 8v line to the TXB
> > line which runs under it.
> >
> > Clif
> >
> >
> > --- In TS-850_450_690@yahoogroups.com, "Dan Janda"
> > <birchardvilleobservatory@> wrote:
> > >

> > > Cliff, Doyle et al...
> > >
> > > I returned from a long absence (18 months) and turned on my
TS-850 to
> > > listen to the radio...
> > >
> > > Surprise...
> > >
> > > I have what appears to me to be similar symptoms to Doyle's.
> > >
> > > The "On Air" indicator is lit but not at full brilliance.
> > >
> > > The radio does not receive.
> > >
> > > The TXB line on the RF board is at 7.9 volts.
> > > The RXB line is at 0 volts.
> > >
> > > The rig has only th "clip Diode D11" mod, to open 5 and 10 MHZ.
> > >
> > > I have replaced the battery (was still original) with a battery
holder
> > > whose pin spacing matched the welded pins of the original battery,
> > > although there is only one Positive pin.
> > >
> > > My serial number is 30900353 (TS-850S/AT
> > >
> > > I never saw a reply by Doyle about his problem, and wonder where
to go
> > > with this.
> > >
> > > Dan AA3LS
> > > (in snowy Northeastern Pennsylvania)
> > >
> > > --- In TS-850_450_690@yahoogroups.com, "Clif" <clif@> wrote:
> > > >
> > > > What does the s-meter show when "no receive"?
> > > > Open the radio and measure the RXB and TXB lines when in no rx
mode.
> > > > Readings???
> > > >
> > > > SN of radio?? First 4 numbers fine...
> > > >
> > > > Clif
> > > >
> > > >
> > > > --- In TS-850_450_690@yahoogroups.com, "lightsearch52"
> > > > <lightsearch52@> wrote:
> > > > >
> > > > > My 850 has been a problem for a while. I replaced the DC to DC
> board

> > > > > and replaced the battery. While performing these I inspected the
> > caps
> > > > > on the CAR board at that time and they were visually OK. It
> > started a
> > > > > different problem now with no receive when turned on. With
this I
> > > > > noticed the On Air light would be on about half brilliance.
> The rig
> > > > > was NOT transmitting, however. Reading in the group postings and
> > > > > elsewhere made me believe the TX board may be at fault. We just
> > > > > changed it this evening. Problem still exists. When the rig is
> > off for
> > > > > some period and powered up, the On Air light is half brilliance.
> > > > > Keying the radio does cause it to transmit and the light go to
> full
> > > > > brilliance. After it is powered for a period of time, the Air
> light
> > > > > dims to almost out. At this point, there is an intermittent
> receive
> > > > > condition that may last from 5 seconds to a minute. All
bands work
> > > > > during this time and the S Meter responds. During these
> periods the
> > > > > radio will transmit when keyed and work fine. Kerchunking
the mike
> > > > > does not necessarily cause receive to return.
> > > > > Do not find anything in my research, so I am asking the experts.
> > > > >
> > > > > Doyle/K9DEH
> > > > >
> > > >
> > >
> >
>

6627. Palstar SP30 speaker

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-01-03 22:21:18 UTC
From: bigfork04
Topic: 6627 Message: 6627

I purchased a Palstar SP 30 speaker and connected to my TS 850, my volume output through the speaker is very low even when I turn up my TS 850 to full output. Any suggestions? The volume from my TS 850's speaker is very loud. I connected the SP 30 to the rear speaker output with a 1/4 to 1/8 adapter. The SP 30 is 8 ohms

6628. Re: [TS-850_450_690] Palstar SP30 speaker

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-01-03 23:44:29 UTC
From: kremper4-850@yahoo.com
Topic: 6627 Message: 6628

I've no info on the Palstar SP 30 speaker, but offhand guesses are there's a bad connection or the speaker requires more drive than that available. I suggest trying another speaker(s). A few weeks ago, I purchased a pair of bookshelf speakers from RadioShack: the KLH B Pro 6. They were on sale for $20. The rear audio-output jack of my TS-850 drives them both with absolutely no difficulty and with room-filling volume.

73,

Paul / N1FB

bigfork04 <bigfork04@...> wrote:
I purchased a Palstar SP 30 speaker and connected to my TS 850, my volume output through the speaker is very low even when I turn up my TS 850 to full output. Any suggestions? The volume from my TS 850's speaker is very loud. I connected the SP 30 to the rear speaker output with a 1/4 to 1/8 adapter. The SP 30 is 8 ohms

[Non-text portions of this message have been removed]

6629. Re: [TS-850_450_690] Palstar SP30 speaker

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-01-04 01:00:17 UTC
From: Mike Rhodes
Topic: 6627 Message: 6629

Have you tried the SP-30 on anything else? Maybe it is the problem.

Mike / W8DN

kremper4-850@... wrote:
>
> I've no info on the Palstar SP 30 speaker, but offhand guesses are
> there's a bad connection or the speaker requires more drive than that
> available. I suggest trying another speaker(s). A few weeks ago, I
> purchased a pair of bookshelf speakers from RadioShack: the KLH B Pro
> 6. They were on sale for $20. The rear audio-output jack of my TS-850
> drives them both with absolutely no difficulty and with room-filling
> volume.
>
> 73,
>
> Paul / N1FB
>
>
> bigfork04 <bigfork04@... <mailto:bigfork04%40yahoo.com>> wrote:
> I purchased a Palstar SP 30 speaker and connected to my TS 850, my
> volume output through the speaker is very low even when I turn up my TS
> 850 to full output. Any suggestions? The volume from my TS 850's
> speaker is very loud. I connected the SP 30 to the rear speaker output
> with a 1/4 to 1/8 adapter. The SP 30 is 8 ohms
>
> [Non-text portions of this message have been removed]
>
>

6630. Re: Replacement diode required

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-01-04 11:11:10 UTC
From: squib22
Topic: 6614 Message: 6630

Thanks to everyone who replied to my request for a UK supplier of the MI204 diode.
I have now been in touch with Fullers Ltd of Ipswich who are the main UK spares agents and they are able to supply both the original RLS135 diode and the replacement MI204 from stock.
For the benefit of other UK TS850s users their e-mail address is spares@... and their minimum order value is only £5.00 plus postage.
I am now eagerly awaiting the arrival of the postman !!!!!

Best 73's Cyril.

6631. Re: Palstar SP30 speaker

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-01-05 02:03:23 UTC
From: Dave
Topic: 6627 Message: 6631

--- In TS-850_450_690@yahoogroups.com, "bigfork04" <bigfork04@...> wrote:
>
> I purchased a Palstar SP 30 speaker and connected to my TS 850, my
> volume output through the speaker is very low even when I turn up my TS
> 850 to full output. Any suggestions? The volume from my TS 850's
> speaker is very loud. I connected the SP 30 to the rear speaker output
> with a 1/4 to 1/8 adapter. The SP 30 is 8 ohms
>

In case you have not checked into this...the 1/8 inch jack on my
TS-850 got very loose. Internal speaker was fine, anything external
was intermittently weak. I got inside and tightened it up - it was a
matter of bending bits of metal. Don't know if Kenwood used a
marginal jack or if these 1/8 inchers are simply built to a low
standard in general, but that's what I ended up doing.

Dave W8NF

6632. Re: Palstar SP30 speaker

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-01-05 16:18:14 UTC
From: bigfork04
Topic: 6627 Message: 6632

Come to think of it the connection on the rear did not look or feel
right when I inserted the connector. I will open it up and look
tonight. Thanks. --- In TS-850_450_690@yahoogroups.com, "Dave"
<emailw8nf@...> wrote:
>
> --- In TS-850_450_690@yahoogroups.com, "bigfork04" <bigfork04@>
wrote:
> >
> > I purchased a Palstar SP 30 speaker and connected to my TS 850,
my
> > volume output through the speaker is very low even when I turn up
my TS
> > 850 to full output. Any suggestions? The volume from my TS 850's
> > speaker is very loud. I connected the SP 30 to the rear speaker
output
> > with a 1/4 to 1/8 adapter. The SP 30 is 8 ohms
> >
>
> In case you have not checked into this...the 1/8 inch jack on my
> TS-850 got very loose. Internal speaker was fine, anything external
> was intermittently weak. I got inside and tightened it up - it was
a
> matter of bending bits of metal. Don't know if Kenwood used a
> marginal jack or if these 1/8 inchers are simply built to a low
> standard in general, but that's what I ended up doing.
>
> Dave W8NF
>

6633. TS 850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-01-07 04:25:11 UTC
From: Conrad P Herold
Topic: 769 Message: 6633

Just got a Kenwood TS 850
With that I got the DSP 100. Digital Siginal Processor. I have not
hooked it up. Do I need it or should I sell it?
W9DL
Conrad

6634. Re: TS 850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-01-07 04:28:40 UTC
From: ve3tmt
Topic: 769 Message: 6634

--- In TS-850_450_690@yahoogroups.com, "Conrad P Herold" <w9dl@...> wrote:
>
> Just got a Kenwood TS 850
> With that I got the DSP 100. Digital Siginal Processor. I have not
> hooked it up. Do I need it or should I sell it?
> W9DL
> Conrad

Hi Conrad,

If you are into hi-fi SSB which is available for discussion in many other groups, the DSP100 is a very desirable accessory. In not you could sell it for a nice price as many 850 owners would love to get their hands on one. They typically sell in the $600 range. I would be glad to babysit it for you :)

73,
Max
VE3TMT

6635. Re: [TS-850_450_690] TS 850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-01-07 11:52:29 UTC
From: eric
Topic: 769 Message: 6635

Conrad:

On receive the DSP-100 Is a very good noise reduction filtering unit for the 850. I have and use both. Personally, I would not use my 850 with out one (dsp-100) as it makes for hours of quiet listening. I also believe that unless you have some good Inrad filters in the 850, the filtering options the '100 offers is very valuable. Transmit audio and signal energy is increased if you use the transmit feature---awesome on an already excellent audio monster transceiver. There are also some 'hidden' features to this unit and the 850 for increasing occupied bandwidth and audio fidelity--not for everyone.

I believe the '100 takes an excellent analog 850, into the digital age as was the 950 sdx, and the following ts-870. I also think you should try it before you outright sell it as you will probably never get the chance to have one again--they are desirable and go for $400-500. Unless you need the $, I would keep it with the 850. I also had an 870 along with the 850/100 combo and felt I had two nearly identical units--I sold the 870.

Just my users opinion.

kr9w, Eric

Conrad P Herold wrote:
>
> Just got a Kenwood TS 850
> With that I got the DSP 100. Digital Siginal Processor. I have not
> hooked it up. Do I need it or should I sell it?
> W9DL
> Conrad
>
>
> ---
>
> No virus found in this incoming message.
> Checked by AVG Free Edition.
> Version: 7.5.516 / Virus Database: 269.17.13/1210 - Release Date: 1/5/2008 11:46 AM
>

6636. Re: [TS-850_450_690] TS 850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-01-07 14:00:04 UTC
From: Zack Widup
Topic: 769 Message: 6636

Hi Conrad,

Try it out for a while and decide if it's an advantage to you. Then if you feel you don't need it or like it, offer it for sale.

I'll bet several people on this group would be interested in it, me included!

73, Zack W9SZ

On Mon, 7 Jan 2008, Conrad P Herold wrote:

> Just got a Kenwood TS 850
> With that I got the DSP 100. Digital Siginal Processor. I have not
> hooked it up. Do I need it or should I sell it?
> W9DL
> Conrad
>
>

6637. Re: 850 Carrier Board Caps

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-01-09 22:35:31 UTC
From: raymond
Topic: 4535 Message: 6637

I got my TS850 back in December of 2007 it's mfg date is November of 1995. The IC's on the carrier board are dated 1993.

Alas I will replace the caps with chip smd tantalums. I see 10uf 16v caps on ebay for $0.99/20pcs
So I'll order 20 of them and put 5 of them in parallel for the 47 uf.

For anybody doing surface mount work you should have a product called ChipQuik(tm) http://www.chipquik.com/.

73

N8ZU

--- In TS-850_450_690@yahoogroups.com, "Dave" <emailw8nf@...> wrote:
>
> Isn't C1 on the CAR board a tantalum? That's how it was originally
> reported to me - but I honestly did not look it up in the Kenwood
> Service manual!
>
> Also, the clear, acidic goo that came out of my C1 was consistent with
> the goo I've seen oozing from tantalum caps. When I've seen
> electrolytic caps leak, the stuff dries up and crystalizes fairly quickly.
>
> However, I am open to being corrected on the matter!
>
> Dave W8NF
>
> --- In TS-850_450_690@yahoogroups.com, Dave <dave@> wrote:
> >
> > Hi Dave -
> >
> > Can you confirm there also is a problem with the tantalum caps used in
> > the 850? Others have reported problems with the electrolytics, not
> > tantalum. John earlier sent photos of leaking electrolytics, so that's
> > what I've understood was the issue.
> >
> > I was confused about this earlier, so I'm really trying to sort this
> out.
> >

> > Thanks,
> >
> > - Dave
> > W6OT
> >
> >
> > Dave wrote:
> >
> > > The Kenwood "problem" originated with using Tantalum caps where
they
> > > should have used ordinary electrolytics.
> > >
> > <snip good stuff about cap problems...>
> >
>

6638. Passband filter unit modification.

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-01-10 11:19:58 UTC
From: Camillo
Topic: 6638 Message: 6638

Hello, it is possible to make the modification to the passband filter unit on the TS-850 as it has been made on the TS-2000?
Plans, info?
Tnx in advance for every reponse.
73s Camillo.

6640. DC Power connector question.

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-01-13 17:27:37 UTC
From: rwt_wpg
Topic: 6640 Message: 6640

I just received a used TS850 - my first Kenwood. The DC connector that came with it was new, unused in an unmarked bag and is identical to my Icom 718 DC connector. It makes for quite a loose connection even when the Molex connector is snapped in position. Moving the rig just a bit cuts power off/on. I'm thinking it's the wrong connector.

Is the Kenwood TS850 DC connector supposed to be identical to the Icoms?

6641. CW Sidetone Volume

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-01-13 18:06:00 UTC
From: Marty Bluhm
Topic: 6641 Message: 6641

After operating a few hours of the NAQP CW test, the volume of the CW sidetone was rattling my cage. I've looked in the manual for adjustment; but cant find one. Also the manual say's there is a front panel adjustment for adjusting the transmit cycle (dropout rate)for full/semi full keying. I cant seem to find these also. Old age setting in.

Can anyone help?

Thanks and 73
Marty
W8AKS

No virus found in this outgoing message.
Checked by AVG Free Edition.
Version: 7.5.516 / Virus Database: 269.19.2/1222 - Release Date: 1/13/2008 12,23

6642. Re: DC Power connector question.

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-01-13 19:51:46 UTC
From: Clif
Topic: 6640 Message: 6642

Sounds like someone sent you a Molex connector. A Molex has larger
pins than the power connector used on Japanese radios and will not
work correctly. Look at the ends of the 718 cable and the one for the 850.

Clif

--- In TS-850_450_690@yahoogroups.com, "rwt_wpg" <ve4det@...> wrote:
>
> I just received a used TS850 - my first Kenwood. The DC connector that
> came with it was new, unused in an unmarked bag and is identical to my
> Icom 718 DC connector. It makes for quite a loose connection even
> when the Molex connector is snapped in position. Moving the rig just
> a bit cuts power off/on. I'm thinking it's the wrong connector.
>
> Is the Kenwood TS850 DC connector supposed to be identical to the Icoms?
>

6643. Re: CW Sidetone Volume

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-01-13 20:19:05 UTC
From: ve3tmt
Topic: 6641 Message: 6643

Marty,

There is a very simple mod that involves removing a resistor from the IF board and jumpering a small cap in its place. This allows you to use the monitor control on the 850 to control side tone volume. Takes more time to remove the bottom cover than it does to perform the mod. The only other way to adjust it is from inside the radio. On the IF board in the same location near the back you will see the pot for the side tone level.

Max
VE3TMT

6644. Off Topic -- Source for Dress / Finishing Washers

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-01-14 17:09:40 UTC
From: kremper4-850@yahoo.com
Topic: 6644 Message: 6644

I've been trying -- without luck -- to locate a source of what I think are called "finishing" or "dress" washers. They're the thin, plated washers that fit between a panel and the mounting nut for a 3/8-inch-diameter CW key jack. I'd like to find not only the standard size, but some that have a bit more shoulder width to cover an existing panel hole. Standard zinc-plated washers are too thick and not attractive.

Does anyone know of a source for such hardware?

Tnx es 73,

Paul / N1FB

[Non-text portions of this message have been removed]

6645. Re: [TS-850_450_690] Off Topic -- Source for Dress / Finishing Washers

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-01-15 01:07:38 UTC
From: Anthony W. DePrato
Topic: 6644 Message: 6645

>MCM electronics and DIGIKEY both have them. i just bought a bunch
>last year but i wanted the black ones.

73 Tony

QBE ZUT DE WA4JQS

ANTHONY W. (Tony) DePrato WA4JQS EXTRA - HEAVY
Since 1962
CQ DX HALL OF FAME # 35
A1-OP FISTS # 10573 SKCC #1227 F.O.P. LODGE 68
DXCC PHONE- DXCC CW- DXCC RTTY- DXCC MIXED
DXCC 40, 20, 15, 10 METERS
South Sandwich Island Dxpedition Group
CALLS HELD:
WA4JQS/ZS1, WA4JQS/KC4, WA4JQS/4K1
ZD8JQS, V31SS, VP8BZL, VP8SSI, 3Y0PI

[Non-text portions of this message have been removed]

6646. Filters

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-01-15 12:28:40 UTC
From: paul9h1sp
Topic: 6646 Message: 6646

Hi everybody,
I bought the yg-455c(n) and yk-88c(N) filters for my ts-850.
At the moment I have the original filters I think 8.83 (6k, 2.7k) 455
(12k, 6k, 2.7) . Can someone tell me how can I fix these filters ?
And can you please tell me if there is place on the board for these 2
filters ?
Thanks 73ss
de'
9H1SP
Paul

6647. Re: Filters

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-01-15 16:01:17 UTC
From: Roland Spoon
Topic: 6646 Message: 6647

Aloha Paul,
Fiurst of all Paul are the filters YK-88cn-1 and YG-455cn-1 or just the older YG-455cn/YK-88cn? If they are the ones mounted on a small board they hence the (-1) they simply plug into the bottom of the radio, there is a door on the bottom of the radio that has a raised aera and 2 screws. If the radio is on it's top the YK-88cn-1 plugs in on the left side of the radio and the YG-455cn-1 plugs in on the right side. If the are not the (-1) filters they do not work as their frequencies are a bit differnt that the (-1). After the filters are installed turn the radio back over and open the little door on top left side of the radio and turn on the swtiches for the 88 & 455 filters. Than it's ready to rock and roll.
Good Luck and DX
Roland AH6RR

--- In TS-850_450_690@yahoogroups.com, "paul9h1sp" <9h1sp@...> wrote:
>
> Hi everybody,
> I bought the yg-455c(n) and yk-88c(N) filters for my ts-
850.
> At the moment I have the original filters I think 8.83 (6k, 2.7k)
455
> (12k, 6k, 2.7) . Can someone tell me how can I fix these filters ?
> And can you please tell me if there is place on the board for these 2
> filters ?
> Thanks 73ss
> de'
> 9H1SP
> Paul
>

6648. Re: CW Sidetone Volume

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-01-15 15:31:26 UTC
From: kc7fys
Topic: 6641 Message: 6648

Howdy,
Has anybody got a source for a photo or photos of the popular CW sidetone mod for the 850S?
Thanks in advance,
Jonathan KC7FYS/7J1AWL

6650. Re: CW Sidetone Volume

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-01-15 18:31:50 UTC
From: ve3tmt
Topic: 6641 Message: 6650

--- In TS-850_450_690@yahoogroups.com, "kc7fys" <kc7fys@...> wrote:
>
> Howdy,
> Has anybody got a source for a photo or photos of the popular CW
> sidetone mod for the 850S?
> Thanks in advance,
> Jonathan KC7FYS/7J1AWL

MODIFICATION OF THE TS850s MONITOR

(by SM4OTI via packet and from BCC handbook)

Another drawback of the TS850s is that the CW monitor level cannot by modified with the MONI pot on the front panel. Here is how to do it.

Originally the CW level is controlled by VR5 internally and has to be at a fixed level. Using headphones or the loudspeaker makes a big difference, so this modification allows to adjust the CW sidetone with the MONI pot. like for SSB.

1) Remove the IF-UNIT (you must solder on the rear side of the IF-UNIT). Be carefull to mark all the cables before you remove them!!!

NOTE: YOU DO NOT HAVE TO REMOVE THE IF BOARD

2) Remove R239 (330 kohm, close to VR5).

3) Install a new resistor (330 kohm) and a 0.1uF capacitor as described below.

4) Adjust VR5 to maximum audio level.

Drawing from BCC Handbook

Now you're able to adjust your audio level in the CW mode with the "MONI-knob" at the frontpanel of your transeiver.

Pictures in the file section.

73,
Max
VE3TMT

6651. IF signal amp ??

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-01-16 13:46:49 UTC
From: ve3tmt
Topic: 6651 Message: 6651

Greetings all,

I have obtained a very nice Heathkit HO-10 monitor scope for use with my TS850. I have successfully tapped the 455 IF to monitor receive signals on the scope. The only problem is the signal, with the scopes vertical gain at max, is about one inch high on the display. I would like to build a small IF amp to amplify the signal level to a more appropriate level.

Any suggestions? I am thinking an inline amp between the 850's IF OUT and the scope input.

Max
VE3TMT

6652. New file uploaded to TS-850_450_690

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-01-16 15:54:59 UTC
From: TS-850_450_690@yahoogroups.com
Topic: 421 Message: 6652

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the TS-850_450_690
group.

File : /wallpaper.jpg
Uploaded by : ve3tmt <ve3tmt@...>
Description : Wallpaper for your desktop

You can access this file at the URL:
http://groups.yahoo.com/group/TS-850_450_690/files/wallpaper.jpg

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.htmlfiles

Regards,

ve3tmt <ve3tmt@...>

6653. Anyone use a RigExpert on the TS-850?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-01-17 01:56:44 UTC
From: rwt_wpg
Topic: 6653 Message: 6653

I received a set of cables from RigExpert and connected my TS-850 to my RigExpert S/D. Now with the Acc2 cable plugged in I get a hum on transmit. Anyone else have this problem?

Cheers
Richard
VE4DET

6654. Re: [TS-850_450_690] Anyone use a RigExpert on the TS-850?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-01-17 02:32:02 UTC
From: Crownhaven
Topic: 6653 Message: 6654

I believe that using AFSK with the TS-850S produces hum in the SSB audio. I had that problem and discovered it is a common one. I solved the problem, back when, by using FSK and I didn't have the hum. Now I am using the TS-870S for sound card modes and I don't have the problem.

Steve, N4JQQ

PS, this link talks about the problem.....

http://www.upei.ca/~seeler/ts690text.html

rwt_wpg wrote:
>
> I received a set of cables from RigExpert and connected my TS-850 to
> my RigExpert S/D. Now with the Acc2 cable plugged in I get a hum on
> transmit. Anyone else have this problem?
>
> Cheers
> Richard
> VE4DET
>
>

6655. Re: Anyone use a RigExpert on the TS-850?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-01-17 03:55:32 UTC
From: ve3tmt
Topic: 6653 Message: 6655

--- In TS-850_450_690@yahoogroups.com, "rwt_wpg" <ve4det@...> wrote:
>
> I received a set of cables from RigExpert and connected my TS-850 to
> my RigExpert S/D. Now with the Acc2 cable plugged in I get a hum on
> transmit. Anyone else have this problem?
>
>
> Cheers
> Richard
> VE4DET
>

Hi Richard,

The hum is coming from your computer. Unplug the speaker or line out from your computer and key the radio. See if the hum is still there. I'll bet it isn't. If it is I would be suspicious of the cables. I believe the RigExpert audio lines use isolation transformers in the input and output lines. You should not be getting any hum. How were you using the unit before?

Max
VE3TMT

6656. Mic question....

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-01-17 15:04:57 UTC
From: Jon
Topic: 6656 Message: 6656

I've been using the basic hand mic with my 850...
No problems or anything. I was wanting to replace it with a desk mic or possibly a studio
style on a boom. I know some people swear by the Astatic D104's, the kenwood mc-60's,
the turner sidekicks and even Heil. I've got a D104...and a yeasu md-1. I'm looking for good rich
audio without spending a pile of bucks....any recommendations ?

73,
Jon
KD5SFA

[Non-text portions of this message have been removed]

6657. RE: [TS-850_450_690] Mic question....

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-01-17 15:29:36 UTC
From: W2DRH
Topic: 6656 Message: 6657

Yup. The D104 will need some caps to kill the extreme highs and a blocking electrolytic (about 10mfd) in series with the audio lead to prevent shorting the phantom voltage used to excite an electorette mic. I believe about 220 pico farad across the element will kill off the extreme highs.
Personally I would not use the D104. I use a Shure Brothers studio mic on my 450s and it works extremely well. Here again a DC blocking cap must be used in series with the audio lead to block the dc phantom voltage. Should you choose to purchase off Bob Heil, they will have much data on what cable and other peripherals you would need to match your radio. Good luck and 73!
Dave

ARS W2DRH
David R. Henry, LME
Licensed Master Electrician
Electronics Tech.
ARRL Instructor
"It is not the class of license that the Amateur holds but the class of the Amateur that holds the license"

6658. Re: Anyone use a RigExpert on the TS-850?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-01-17 17:09:57 UTC
From: rwt_wpg
Topic: 6653 Message: 6658

Yuri VE3DZ at RigExpert had me check a couple of the ground pins on the DB25 connector to look for shorted grounds. Sure enough, there was a problem. Eventually I found the metal shell on ACC2 connector was shorting a couple of pins. Fixing that resolved the hum problem.

I did have to adjust VR18 to bring down the transmit level.

Thanks for the help, everyone.

73
Richard
VE4DET

> > transmit. Anyone else have this problem?
> >
> >
> > Cheers
> > Richard
> > VE4DET
> >
>
> Hi Richard,
>
> The hum is coming from your computer. Unplug the speaker or line out
> from your computer and key the radio. See if the hum is still there.
> I'll bet it isn't. If it is I would be suspicious of the cables. I
> believe the RigExpert audio lines use isolation transformers in the
> input and output lines. You should not be getting any hum. How were
> you using the unit before?
>
> Max
> VE3TMT
>

6659. Re: Mic question....

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-01-17 17:33:01 UTC
From: Steve Matda
Topic: 6656 Message: 6659

Shure 444D.

--- In TS-850_450_690@yahoogroups.com, Jon <kd5sfa@...> wrote:
>
> I've been using the basic hand mic with my 850...
> No problems or anything. I was wanting to replace it with a desk mic or
> possibly a studio
> style on a boom. I know some people swear by the Astatic D104's, the
> kenwood mc-60's,
> the turner sidekicks and even Heil. I've got a D104...and a yeasu md-1.
> I'm looking for good rich
> audio without spending a pile of bucks....any recommendations ?
>
> 73,
> Jon
> KD5SFA
>
>
> [Non-text portions of this message have been removed]
>

6660. Re: Mic question....

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-01-17 18:01:06 UTC
From: ve3tmt
Topic: 6656 Message: 6660

--- In TS-850_450_690@yahoogroups.com, "W2DRH" <w2drh@...> wrote:
>
> Yup. The D104 will need some caps to kill the extreme highs and a blocking
> electrolytic (about 10mfd) in series with the audio lead to prevent shorting
> the phantom voltage used to excite an electorette mic.

I think you mean "electret" mic. There is no need for any DC blocking capacitor. The DC voltage on the Kenwood mic plug is on pin 5 I believe. It is not imposed on the audio line.

Jon, to answer your question, I have used D104's, cheap mics from Radio Shack, Behringer and Samson studio mics, and Heil mics. Don't waste your time and money on the studio mics or the Heils. If you use a studio condensor mic, you will need a 48V phantom power supply to power it and if you put it right into the radio it will sound like crap. These mics need external equalization. Then you are working with line level signals which will not work well into the mic jack. If you feed the balanced modulator directly it is fine. It you want a light show when you talk then maybe this is the way. But after getting the mic, preamp, equalizer, and any other effects units, and modifying the 850 for direct modulator feed, and the possibility of RF getting into the audio, you will still only be transmitting 2.7 KHz wide.

From my personal experience after experimenting with all these mics, I now use a simple Behringer XM1800 dynamic mic on a boom fed right into the mic jack. This way the VOX still works and with the processor and high boost on it sounds just as good as any of the other mics. I think all that outboard gear is a waste of time and money. I learned the hard way!!

73,

Max
VE3TMT

6661. TS-850 Power Cable

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-01-18 19:11:04 UTC
From: haburton
Topic: 6661 Message: 6661

Help! Does anyone out there have the power cable pin-outs for a TS-850? I was using it with some spade lugs plugged in and accidentally pulled them out. Now I can't find where I saw those pin definitions. Please help.

Harley

6662. Re: TS-850 Power Cable

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-01-18 20:14:09 UTC
From: ve3tmt
Topic: 6661 Message: 6662

--- In TS-850_450_690@yahoogroups.com, "haburton" <haburton@...> wrote:
>
> Help! Does anyone out there have the power cable pin-outs for a TS-
> 850? I was using it with some spade lugs plugged in and accidentally
> pulled them out. Now I can't find where I saw those pin definitions.
> Please help.
>
> Harley

Harley,

Looking at the back of the 850,

(4) (5) (6)

(1) (2) (3)

2 & 5 are ground
3 and 6 are positive
1 and 4 have no contact

73,
Max

6663. TS-850SAT

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-01-19 18:22:25 UTC
From: Peter Wotherspoon
Topic: 1009 Message: 6663

Help

No or very low output.

Auto tuner never tunes, always seems to detect very high SWR

Not using the internal tuner, the SWR is very low and very, very low output

back-up rig works fine with identical antenna.

TX seems fine

Thanks
Peter
VE3GYY

[Non-text portions of this message have been removed]

6664. Re: TS-850SAT

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-01-19 22:13:45 UTC
From: ve3tmt
Topic: 1009 Message: 6664

--- In TS-850_450_690@yahoogroups.com, "Peter Wotherspoon" <ham@...>
wrote:
>
> Help
>
> No or very low output.
>
> Auto tuner never tunes, always seems to detect very high SWR
>
> Not using the internal tuner, the SWR is very low and very, very low
output
>
> back-up rig works fine with identical antenna.
>
> TX seems fine
>
> Thanks
> Peter
> VE3GYY
>
Peter,

Have you checked the CAR level? If it is too low the tuner will not
function.

Max
>

6665. Ts-450/Rig Blaster Plus

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-01-21 15:30:11 UTC
From: dopeyjake1964
Topic: 6665 Message: 6665

Does anybody know if it would be possible to hook a RigBlaster Plus to the ACC2 jack on my TS-450? If so, would you have a pinout? I've spent hours trying to make it work butI can't seem to figure it out.

-Kurt
kc2rgu

6666. Re: Ts-450/Rig Blaster Plus

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-01-21 16:31:25 UTC
From: ve3tmt
Topic: 6665 Message: 6666

--- In TS-850_450_690@yahoogroups.com, "dopeyjake1964" <kurt@...> wrote:
>
> Does anybody know if it would be possible to hook a RigBlaster Plus to
> the ACC2 jack on my TS-450? If so, would you have a pinout? I've
> spent hours trying to make it work butI can't seem to figure it out.
>
> -Kurt
> kc2rgu
>

I don't see why it wouldn't work. On ACC2, pin 3 is the receive audio out from the radio and pin 4 is it's corresponding ground. Pin 11 is the TX audio into the radio from the RigBlaster and Pin 12 is it's ground. Pin 9 or pin 13 will key the radio when grounded. If you check your manual, grounding one of them mutes the mic line from the front of the radio. This will prevent any of the noises in your shack being transmitted with the digital mode audio.

Max
VE3TMT

6667. Re: [TS-850_450_690] Ts-450/Rig Blaster Plus

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-01-22 01:19:36 UTC
From: ve3wej gmail
Topic: 6665 Message: 6667

standard 13 pin wiring as seen on www.packetradio.com

VE3WEJ
Dave Garber

10-X # 23465
echolink # 52852
irlp node 2202
email ve3wej@...
----- Original Message -----
From: dopeyjake1964
To: TS-850_450_690@yahoogroups.com
Sent: Monday, January 21, 2008 10:30 AM
Subject: [TS-850_450_690] Ts-450/Rig Blaster Plus

Does anybody know if it would be possible to hook a RigBlaster Plus to
the ACC2 jack on my TS-450? If so, would you have a pinout? I've
spent hours trying to make it work butI can't seem to figure it out.

-Kurt
kc2rgu

[Non-text portions of this message have been removed]

6668. filters

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-01-22 11:21:51 UTC
From: Paul Spiteri
Topic: 6668 Message: 6668

Hi,
Just installed now the YK-88 CN -1 and the YG-455C -1 CW filters. I installed the YK-88 CN-1 in the option filter 1 (rig facing to me , the second place from the left) and the YG-455C-1 at the right. The question is about the switching board at the top of the TS-850 ?
I make the switches like this :-
ON ALPS
1 2 3 4
↓ ↑ ↓ ↑
off on off on

Now I have the 500 lights on under the 8.83 and 455.
Can someone please tell me if I make them good ??
Thanks and 73's
9H1SP
Paul

--
I am using the free version of SPAMfighter for private users.
It has removed 432 spam emails to date.
Paying users do not have this message in their emails.
Get the free SPAMfighter here: http://www.spamfighter.com/len

[Non-text portions of this message have been removed]

6669. DSP-100 pricing

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-01-22 21:10:59 UTC
From: Alexandr Kobranov
Topic: 6669 Message: 6669

Hello all,
having some offer for DP-100 unit for my TS-850SAT.
What is cca price for this unit today? (in USD)
Tried eBay but not found.
Please...
Thanks,
Lexa, ok1dst

6670. Re: [TS-850_450_690] DSP-100 pricing

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-01-22 21:50:27 UTC
From: Mike Blazek
Topic: 6669 Message: 6670

Alexandr Kobranov wrote:
> Hello all,
> having some offer for DP-100 unit for my TS-850SAT.
> What is cca price for this unit today? (in USD)
> Tried eBay but not found.
> Please...
> Thanks,
> Lexa, ok1dst
Check item # 120207839080 bidding ended on the 12th. Last few I've seen on eBay went for similar prices. There was a broken but sold as repairable one that went for over $300.00 a month or so ago.

73,
Mike N5UKZ

6671. Re: [TS-850_450_690] DSP-100 pricing

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-01-22 22:15:03 UTC
From: Alexandr Kobranov
Topic: 6669 Message: 6671

great!
Thanks - I do not know how to search :-(
Not using eBay so....
Offered unit is not "unused" so I have some picture how many for it.
73,
Lexa, ok1dst

Mike Blazek napsal(a):
> Alexandr Kobranov wrote:
>> Hello all,
>> having some offer for DP-100 unit for my TS-850SAT.
>> What is cca price for this unit today? (in USD)
>> Tried eBay but not found.
>> Please...
>> Thanks,
>> Lexa, ok1dst
> Check item # 120207839080 bidding ended on the 12th. Last few I've seen
> on eBay went for similar prices. There was a broken but sold as
> repairable one that went for over $300.00 a month or so ago.
>
> 73,
> Mike N5UKZ
>
>
>
>
> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
>
>
>
>

6673. Re: filters

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-01-23 03:34:36 UTC
From: ve3tmt
Topic: 6668 Message: 6673

--- In TS-850_450_690@yahoogroups.com, "Paul Spiteri" <9h1sp@...> wrote:
>
> Hi,
> Just installed now the YK-88 CN -1 and the YG-455C -1 CW filters.
I installed the YK-88 CN-1 in the option filter 1 (rig facing to me ,
the second place from the left) and the YG-455C-1 at the right. The
question is about the switching board at the top of the TS-850 ?

Paul,

I believe you should have the two switches at either end in the on
position. The switch closest to the front of the radio activates the
YG-455 filter and the switch closest to the back activates the YK-88CN
filter. The switch second from the front has no effect and the 3rd
switch is for the YK-88C filter (500 hz)

Max

6674. loss of power above 20m

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-01-23 12:38:39 UTC
From: patrick40044
Topic: 6674 Message: 6674

hi i have an 850 and all worked well but recently it has begun to loss
output pwr above 20m all ok elsewhere below 20m any ideas would be
much appreciated
regards
paddy mm1dhu

6675. Band selection problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-01-24 02:35:30 UTC
From: Tom Osborne
Topic: 6675 Message: 6675

Hi All

On my TS-450SAT, it just started not letting me go downward from band to band below 14.094.40.

It goes OK from 10 to 12, to 15, 17, 20 on 14.094.40, but then it won't go any farther down. If I tune the VFO up to, say, 14.200, then hit down, it goes back to 14.094.40. It goes up frequency fine.

This is on VFO 'A'. On VFO 'B' it works normally. 73
Tom W7WHY

6676. Re: Band selection problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-01-24 16:03:39 UTC
From: Clif
Topic: 6675 Message: 6676

Reset the processor.

Clif

--- In TS-850_450_690@yahoogroups.com, "Tom Osborne" <w7why@...> wrote:
>
> Hi All
>
> On my TS-450SAT, it just started not letting me go downward from band to
> band below 14.094.40.
>
> It goes OK from 10 to 12, to 15, 17, 20 on 14.094.40, but then it won't go
> any farther down. If I tune the VFO up to, say, 14.200, then hit down, it
> goes back to 14.094.40. It goes up frequency fine.
>
> This is on VFO 'A'. On VFO 'B' it works normally. 73
> Tom W7WHY
>

6677. Re: [TS-850_450_690] Re: Band selection problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-01-25 01:13:23 UTC
From: Tom Osborne
Topic: 6675 Message: 6677

Boy, I sure am glad we got these smart people on this list :-)

That did it. Thanks Clif.

What caused that to happen? 73
Tom W7WHY

> Reset the processor.
>
> Clif
>>>
>> Hi All
>>
>> On my TS-450SAT, it just started not letting me go downward from
> band to
>> band below 14.094.40.

6678. Re: [TS-850_450_690] Re: Band selection problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-01-25 01:26:48 UTC
From: PATRICK MCBRIDE
Topic: 6675 Message: 6678

hi tom glad u got it going
radios can be funny at times i think the more gadgets they put in em they r bound to have off days
like us humans
only if they could talkback and tell us the fault this would be good
anyhow hope u have many years trouble free service from that fine radio
wish i could say same abt my 850
best regards
paddy mm1dhu

Tom Osborne <w7why@...> wrote:
Boy, I sure am glad we got these smart people on this list :-)

That did it. Thanks Clif.

What caused that to happen? 73
Tom W7WHY

> Reset the processor.
>
> Clif
>>>
>> Hi All
>>
>> On my TS-450SAT, it just started not letting me go downward from
> band to
>> band below 14.094.40.

[Non-text portions of this message have been removed]

6679. Re: Band selection problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-01-25 11:41:37 UTC
From: ve3tmt
Topic: 6675 Message: 6679

--- In TS-850_450_690@yahoogroups.com, "Tom Osborne" <w7why@...> wrote:
>
> Boy, I sure am glad we got these smart people on this list :-)
>
> That did it. Thanks Clif.
>
> What caused that to happen? 73
> Tom W7WHY

Tom,

Perhaps it is time to change the battery.

Max
VE3TMT

6680. Re: Band selection problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-01-25 16:05:18 UTC
From: Dan Janda
Topic: 6675 Message: 6680

Back in the old days in the navy (iron men and wooden ships) we had to do something that today would be called "root cause analysis" of failing radios, etc. Perhaps THE most common was a code which could best be interpreted as "short circuit between the headphones" ;-))

I had a problem a couple weeks ago that sounded like the fruits of leaky capacitors, and all sorts of other stuff... but while I was installing the new keep-alive battery, I'd accidently set the radio into transmit mode by pushing the Send/Receive button in. Three days later, it was a really cheap fix!

Clif tried to help me with this one, too, but because he didn't look at my radio, he didn't see the switch was activated!

Often, asking "WHY" is fruitless, but I'll agree with Max - if you've never replaced the keep-alive battery, it may well be time.

Dan AA3LS

--- In TS-850_450_690@yahoogroups.com, "ve3tmt" <ve3tmt@...> wrote:
>
> --- In TS-850_450_690@yahoogroups.com, "Tom Osborne" <w7why@> wrote:
> >
> > Boy, I sure am glad we got these smart people on this list :-)
> >
> > That did it. Thanks Clif.
> >
> > What caused that to happen? 73
> > Tom W7WHY
>
> Tom,
>
> Perhaps it is time to change the battery.
>
> Max
> VE3TMT
>

6681. Re: filters

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-01-25 17:19:31 UTC
From: Paul Spiteri
Topic: 6668 Message: 6681

Hi,
Can someone tell me if the filters makes any difference if installed with the words on them facing left or right ??
Thanks 73s
9H1SP
----- Original Message -----
From: Paul Spiteri
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, January 22, 2008 12:21 PM
Subject: filters

Hi,
Just installed now the YK-88 CN -1 and the YG-455C -1 CW filters. I installed the YK-88 CN-1 in the option filter 1 (rig facing to me , the second place from the left) and the YG-455C-1 at the right. The question is about the switching board at the top of the TS-850 ?
I make the switches like this :-
ON ALPS
1 2 3 4
↓ ↑ ↓ ↑
off on off on

Now I have the 500 lights on under the 8.83 and 455.
Can someone please tell me if I make them good ??
Thanks and 73's
9H1SP
Paul

--
I am using the free version of SPAMfighter for private users.
It has removed 438 spam emails to date.
Paying users do not have this message in their emails.
Get the free SPAMfighter here: http://www.spamfighter.com/len

[Non-text portions of this message have been removed]

6682. Re: filters

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-01-25 17:33:22 UTC
From: ve3tmt
Topic: 6668 Message: 6682

--- In TS-850_450_690@yahoogroups.com, "Paul Spiteri" <9h1sp@...> wrote:
>
> Hi,
> Can someone tell me if the filters makes any difference if
installed with the words on them facing left or right ??

Has no effect one way or the other.

6683. Re: filters

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-01-25 17:43:18 UTC
From: Paul Spiteri
Topic: 6668 Message: 6683

Hi Max,
Thanks for your reply
73s
9H1SP

----- Original Message -----
From: ve3tmt
To: TS-850_450_690@yahoogroups.com
Sent: Friday, January 25, 2008 6:33 PM
Subject: {Disarmed} [TS-850_450_690] Re: filters

--- In TS-850_450_690@yahoogroups.com, "Paul Spiteri" <9h1sp@...> wrote:
>
> Hi,
> Can someone tell me if the filters makes any difference if
installed with the words on them facing left or right ??

Has no effect one way or the other.

--
This message has been scanned for viruses and
dangerous content by NextWeb, and is
believed to be clean.

--
I am using the free version of SPAMfighter for private users.
It has removed 438 spam emails to date.
Paying users do not have this message in their emails.
Get the free SPAMfighter here: http://www.spamfighter.com/len

[Non-text portions of this message have been removed]

6684. Re: [TS-850_450_690] Re: Band selection problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-01-26 02:14:55 UTC
From: Tom Osborne
Topic: 6675 Message: 6684

HI Max

Perhaps you're right. I have had this rig for about 4 years and don't know how long before I got it the battery had been changed. Thanks and 73.
Tom W7WHY

>
> Tom,
>
> Perhaps it is time to change the battery.
>
> Max
> VE3TMT
>
>
>
> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
>
>
>
>

6685. Re: [TS-850_450_690] Re: Band selection problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-01-26 02:20:44 UTC
From: Tom Osborne
Topic: 6675 Message: 6685

>
> Often, asking "WHY" is fruitless, but I'll agree with Max - if you've
> never replaced the keep-alive battery, it may well be time.
>
> Dan AA3LS

Hi Dan

You are right, but it doesn't hurt to ask.

Most problems are problems that others have seen, and why spend hours trying to track down something when the answer is as simple as "do a reset."

Now, next time something happens squirrely, I will know what is the first thing to try--"do a reset."

I had never seen that before, but bet Clif has lots of times. 73
Tom W7WHY

6686. Re: CW Sidetone Volume

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-01-26 11:44:57 UTC
From: martin beekhuis
Topic: 6641 Message: 6686

I just implemented the modificatie described below.
It works great. I did not adjust VR5 to max.

73 martin pa3dsc

> MODIFICATION OF THE TS850s MONITOR
>
> (by SM4OTI via packet and from BCC handbook)
>
> Another drawback of the TS850s is that the CW monitor level cannot by
> modified with the MONI pot on the front panel. Here is how to do it.
>
> Originally the CW level is controlled by VR5 internally and has to be
> at a fixed level. Using headphones or the loudspeaker makes a big
> difference, so this modification allows to adjust the CW sidetone with
> the MONI pot. like for SSB.
>
> 1) Remove the IF-UNIT (you must solder on the rear side of the
> IF-UNIT). Be carefull to mark all the cables before you remove them!!!
>
> NOTE: YOU DO NOT HAVE TO REMOVE THE IF BOARD
>
> 2) Remove R239 (330 kohm, close to VR5).
>
> 3) Install a new resistor (330 kohm) and a 0.1uF capacitor as
> described below.
>
> 4) Adjust VR5 to maximum audio level.
>
> Drawing from BCC Handbook
>
> Now you're able to adjust your audio level in the CW mode with the
> "MONI-knob" at the frontpanel of your transeiver.
>
>
> Pictures in the file section.
>
> 73,
> Max
> VE3TMT
>

6687. TS450S antenna tuner

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-01-26 16:17:53 UTC
From: Jim
Topic: 6687 Message: 6687

Hello all. The antenna tuner in my TS450S seems to make the swr higher instead of lowering it. On 80 meters, the swr is about 1.5 : 1 without the tuner and 3.8 : 1 using the tuner. This is with an 80 meter dipole. I can hear it operate and stop so it is doing something. Anyone know what the problem might be? thanks Jim

6688. Re: [TS-850_450_690] TS450S antenna tuner

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-01-26 18:42:03 UTC
From: ve3wej gmail
Topic: 6687 Message: 6688

are you trying to use an external tuner as well??? take it out of line, or set it in by-pass(thru) position

VE3WEJ
Dave Garber

10-X # 23465
echolink # 52852
irlp node 2202
email ve3wej@...
----- Original Message -----
From: Jim
To: TS-850_450_690@yahoogroups.com
Sent: Saturday, January 26, 2008 11:17 AM
Subject: [TS-850_450_690] TS450S antenna tuner

Hello all. The antenna tuner in my TS450S seems to make the swr higher instead of lowering it. On 80 meters, the swr is about 1.5 : 1 without the tuner and 3.8 : 1 using the tuner. This is with an 80 meter dipole. I can hear it operate and stop so it is doing something. Anyone know what the problem might be? thanks Jim

[Non-text portions of this message have been removed]

6689. Re: [TS-850_450_690] TS450S antenna tuner

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-01-26 19:52:21 UTC
From: PATRICK MCBRIDE
Topic: 6687 Message: 6689

r u using an external swr meter when using the internal atu in radio the external swr meter shows higher swr than swr meter on radio this is normal if this is the case
usually i have all my antennas resonant for each band and never use tuner
u cant beat a resonant antenna im just lucky i have lots of space for large antennas
hope this helps
regards
paddy mm1dhu
ve3wej gmail <ve3wej@...> wrote:
are you trying to use an external tuner as well??? take it out of line, or set it in by-pass(thru) position

VE3WEJ
Dave Garber

10-X # 23465
echolink # 52852
irlp node 2202
email ve3wej@...
----- Original Message -----
From: Jim
To: TS-850_450_690@yahoogroups.com
Sent: Saturday, January 26, 2008 11:17 AM
Subject: [TS-850_450_690] TS450S antenna tuner

Hello all. The antenna tuner in my TS450S seems to make the swr higher instead of lowering it. On 80 meters, the swr is about 1.5 : 1 without the tuner and 3.8 : 1 using the tuner. This is with an 80 meter dipole. I can hear it operate and stop so it is doing something. Anyone know what the problem might be? thanks Jim

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

6690. Re: TS450S antenna tuner

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-01-26 22:18:07 UTC
From: Jim
Topic: 6687 Message: 6690

I am using only the ATU in the TS450S. My antenna is resonant from 3.800 to 3.900 and the swr is low (<1.8 : 1) and the power output is high (about 100 watts)according to the TS450S meter. When I tune to 3.700 the SWR goes up and turning on the ATU does not bring it down at all. The same thing is true on 160, the antenna is resonant for about 50 khz, but the ATU will not lower the SWR outside of the resonant range. thanks Jim

--- In TS-850_450_690@yahoogroups.com, PATRICK MCBRIDE <paddy.mm1dhu@...> wrote:
>
> r u using an external swr meter when using the internal atu in radio the external swr meter shows higher swr than swr meter on radio this is normal if this is the case
> usually i have all my antennas resonant for each band and never use tuner
> u cant beat a resonant antenna im just lucky i have lots of space for large antennas
> hope this helps
> regards
> paddy mm1dhu
> ve3wej gmail <ve3wej@...> wrote:
> are you trying to use an external tuner as well??? take it out of line, or set it in by-pass(thru) position
>
> VE3WEJ
> Dave Garber
>
> 10-X # 23465
> echolink # 52852
> irlp node 2202
> email ve3wej@...
> ----- Original Message -----
> From: Jim
> To: TS-850_450_690@yahoogroups.com
> Sent: Saturday, January 26, 2008 11:17 AM
> Subject: [TS-850_450_690] TS450S antenna tuner
>
> Hello all. The antenna tuner in my TS450S seems to make the swr higher
> instead of lowering it. On 80 meters, the swr is about 1.5 : 1 without
> the tuner and 3.8 : 1 using the tuner. This is with an 80 meter
> dipole. I can hear it operate and stop so it is doing something.
> Anyone know what the problem might be? thanks Jim

>
> [Non-text portions of this message have been removed]
>
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

6691. Re: [TS-850_450_690] Re: TS450S antenna tuner

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-01-26 22:33:20 UTC
From: Ken Winterling
Topic: 6687 Message: 6691

Jim,

The ATU in the TS-450SAT does not function on 160 meters. It only works on the 80M though 10M bands.

According to the manual, the ATU unit is capable of matching an approximately 3:1 SWR. Have you checked the SWR of your antenna at 3.700?

Ken, WA2LBI

On Jan 26, 2008 5:18 PM, Jim <k1ygg@...> wrote:
> I am using only the ATU in the TS450S. My antenna is resonant from
> 3.800 to 3.900 and the swr is low (<1.8 : 1) and the power output
> is high (about 100 watts)according to the TS450S meter. When I tune
> to 3.700 the SWR goes up and turning on the ATU does not bring it
> down at all. The same thing is true on 160, the antenna is resonant
> for about 50 khz, but the ATU will not lower the SWR outside of the
> resonant range. thanks Jim
>
> --- In TS-850_450_690@yahoogroups.com, PATRICK MCBRIDE
> <paddy.mm1dhu@...> wrote:
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> > r u using an external swr meter when using the internal atu in
> radio the external swr meter shows higher swr than swr meter on
> radio this is normal if this is the case
> > usually i have all my antennas resonant for each band and never
> use tuner
> > u cant beat a resonant antenna im just lucky i have lots of
> space for large antennas
> > hope this helps
> > regards
> > paddy mm1dhu
> > ve3wej gmail <ve3wej@...> wrote:
> > are you trying to use an external tuner as well??? take
> it out of line, or set it in by-pass(thru) position
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> > VE3WEJ
> > Dave Garber
> >
> > 10-X # 23465
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> > email ve3wej@...
> > ----- Original Message -----
> > From: Jim

> > To: TS-850_450_690@yahoogroups.com
> > Sent: Saturday, January 26, 2008 11:17 AM
> > Subject: [TS-850_450_690] TS450S antenna tuner
> >
> > Hello all. The antenna tuner in my TS450S seems to make the swr
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> > instead of lowering it. On 80 meters, the swr is about 1.5 : 1
> without
> > the tuner and 3.8 : 1 using the tuner. This is with an 80 meter
> > dipole. I can hear it operate and stop so it is doing something.
> > Anyone know what the problem might be? thanks Jim
> >

6692. Re: [TS-850_450_690] Re: TS450S antenna tuner

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-01-27 00:05:38 UTC
From: Crownhaven
Topic: 6687 Message: 6692

Be careful about using your antenna tuner with an antenna that is signfiicantly out of resonance. 75/80 meters comes to mind. A friend of mine used my TS-450S for a CW contest in C6 and burned the tuner completely up using a non-resonant antenna. I like to use my antenna to match the rig to the amp. I let the Drake MN-2700 do the heavy work.

Steve, N4JQQ

Ken Winterling wrote:
>
> Jim,
>
> The ATU in the TS-450SAT does not function on 160 meters. It only
> works on the 80M though 10M bands.
>
> According to the manual, the ATU unit is capable of matching an
> approximately 3:1 SWR. Have you checked the SWR of your antenna at
> 3.700?
>
> Ken, WA2LBI
>
> On Jan 26, 2008 5:18 PM, Jim <k1ygg@...
> <mailto:k1ygg%40comcast.net>> wrote:
> > I am using only the ATU in the TS450S. My antenna is resonant from
> > 3.800 to 3.900 and the swr is low (<1.8 : 1) and the power output
> > is high (about 100 watts)according to the TS450S meter. When I tune
> > to 3.700 the SWR goes up and turning on the ATU does not bring it
> > down at all. The same thing is true on 160, the antenna is resonant
> > for about 50 khz, but the ATU will not lower the SWR outside of the
> > resonant range. thanks Jim
> >
> > --- In TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>, PATRICK MCBRIDE
> > <paddy.mm1dhu@...> wrote:
> > >
> > > r u using an external swr meter when using the internal atu in
> > radio the external swr meter shows higher swr than swr meter on
> > radio this is normal if this is the case
> > > usually i have all my antennas resonant for each band and never
> > use tuner
> > > u cant beat a resonant antenna im just lucky i have lots of
> > space for large antennas
> > > hope this helps
> > > regards
> > > paddy mm1dhu

> > > ve3wej gmail <ve3wej@...> wrote:
> > > are you trying to use an external tuner as well??? take
> > it out of line, or set it in by-pass(thru) position
> > >
> > > VE3WEJ
> > > Dave Garber
> > >
> > > 10-X # 23465
> > > echolink # 52852
> > > irlp node 2202
> > > email ve3wej@...
> > > ----- Original Message -----
> > > From: Jim
> > > To: TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>
> > > Sent: Saturday, January 26, 2008 11:17 AM
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> > > instead of lowering it. On 80 meters, the swr is about 1.5 : 1
> > without
> > > the tuner and 3.8 : 1 using the tuner. This is with an 80 meter
> > > dipole. I can hear it operate and stop so it is doing something.
> > > Anyone know what the problem might be? thanks Jim
> > >
>
>

6693. Lubricating the 850 ATU

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-01-27 08:59:31 UTC
From: kc7fys
Topic: 6693 Message: 6693

Has anyone done this procedure, and is it hard for one to do in the shack?
Jonathan KC7FYS

6694. Re: CW Sidetone Volume

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-01-27 08:55:11 UTC
From: kc7fys
Topic: 6641 Message: 6694

I did the mod, too. Worked great. Here are photos:
http://www.flickr.com/photos/jonathancharles/2203898334/in/set-72157594149567755/
KC7FYS Jonathan

--- In TS-850_450_690@yahoogroups.com, "martin beekhuis" <pa3dsc@...>
wrote:
>
> I just implemented the modificatie described below.
> It works great. I did not adjust VR5 to max.
>
> 73 martin pa3dsc
>
> > MODIFICATION OF THE TS850s MONITOR
> >
> > (by SM4OTI via packet and from BCC handbook)
> >
> > Another drawback of the TS850s is that the CW monitor level cannot by
> > modified with the MONI pot on the front panel. Here is how to do it.
> >
> > Originally the CW level is controlled by VR5 internally and has to be
> > at a fixed level. Using headphones or the loudspeaker makes a big
> > difference, so this modification allows to adjust the CW sidetone with
> > the MONI pot. like for SSB.
> >
> > 1) Remove the IF-UNIT (you must solder on the rear side of the
> > IF-UNIT). Be carefull to mark all the cables before you remove them!!!
> >
> > NOTE: YOU DO NOT HAVE TO REMOVE THE IF BOARD
> >
> > 2) Remove R239 (330 kohm, close to VR5).
> >
> > 3) Install a new resistor (330 kohm) and a 0.1uF capacitor as
> > described below.
> >
> > 4) Adjust VR5 to maximum audio level.
> >
> > Drawing from BCC Handbook
> >
> > Now you're able to adjust your audio level in the CW mode with the
> > "MONI-knob" at the frontpanel of your transeiver.
> >
> >
> > Pictures in the file section.
> >
> > 73,

> > Max
> > VE3TMT
> >
>

6695. Re: CW Sidetone Volume

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-01-28 13:44:30 UTC
From: ve3tmt
Topic: 6641 Message: 6695

--- In TS-850_450_690@yahoogroups.com, "kc7fys" <kc7fys@...> wrote:
>
> I did the mod, too. Worked great.

For such a simple mod, makes me wonder why it wasn't incorporated into the 850 in the first place.

Max
VE3TMT

6696. Re: TS450S antenna tuner

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-01-28 14:46:48 UTC
From: Jim
Topic: 6687 Message: 6696

Okay, I have a 20 meter J- pole that has a less then 2 : 1 swr over the band center and about 2.5 : 1 at the cw end. When I switch in the tuner, the swr goes up to about 8 : 1. It's like the tuner operates in reverse LoL. Jim

--- In TS-850_450_690@yahoogroups.com, Crownhaven <crownhaven@...> wrote:
>
> Be careful about using your antenna tuner with an antenna that is
> signfiicantly out of resonance. 75/80 meters comes to mind. A friend
> of mine used my TS-450S for a CW contest in C6 and burned the tuner
> completely up using a non-resonant antenna. I like to use my antenna to
> match the rig to the amp. I let the Drake MN-2700 do the heavy work.
>
> Steve, N4JQQ
>
> Ken Winterling wrote:
> >
> > Jim,
> >
> > The ATU in the TS-450SAT does not function on 160 meters. It only
> > works on the 80M though 10M bands.
> >
> > According to the manual, the ATU unit is capable of matching an
> > approximately 3:1 SWR. Have you checked the SWR of your antenna at
> > 3.700?
> >
> > Ken, WA2LBI
> >
> > On Jan 26, 2008 5:18 PM, Jim <k1ygg@...
> > <mailto:k1ygg%40comcast.net>> wrote:
> > > I am using only the ATU in the TS450S. My antenna is resonant from
> > > 3.800 to 3.900 and the swr is low (<1.8 : 1) and the power output
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of the
> > > resonant range. thanks Jim
> > >
> > > --- In TS-850_450_690@yahoogroups.com
> > <mailto:TS-850_450_690%40yahoogroups.com>, PATRICK MCBRIDE
> > > <paddy.mm1dhu@> wrote:
> > > >
> > > > r u using an external swr meter when using the internal atu
in
> > > radio the external swr meter shows higher swr than swr meter on
> > > radio this is normal if this is the case
> > > > usually i have all my antennas resonant for each band and
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> > > use tuner
> > > > u cant beat a resonant antenna im just lucky i have lots of
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> > > > hope this helps
> > > > regards
> > > > paddy mm1dhu
> > > > ve3wej gmail <ve3wej@> wrote:
> > > > are you trying to use an external tuner as well??? take
> > > it out of line, or set it in by-pass(thru) position
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> > > > VE3WEJ
> > > > Dave Garber
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> > > > 10-X # 23465
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> > > > irlp node 2202
> > > > email ve3wej@
> > > > ----- Original Message -----
> > > > From: Jim
> > > > To: TS-850_450_690@yahoogroups.com
> > <mailto:TS-850_450_690%40yahoogroups.com>
> > > > Sent: Saturday, January 26, 2008 11:17 AM
> > > > Subject: [TS-850_450_690] TS450S antenna tuner
> > > >
> > > > Hello all. The antenna tuner in my TS450S seems to make the
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> > > > the tuner and 3.8 : 1 using the tuner. This is with an 80
meter
> > > > dipole. I can hear it operate and stop so it is doing
something.
> > > > Anyone know what the problem might be? thanks Jim

> > > >
> >
> >
>

6697. Re: [TS-850_450_690] Re: TS450S antenna tuner

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-01-28 15:04:09 UTC
From: Zack Widup
Topic: 6687 Message: 6697

Hi Jim,

Where is your output power set? The auto tuner doesn't work well if
you're running less than about 10 watts out.

The tuner in my 850 will tune ALMOST anything on all bands including 160.
It has a tough time on 160 with really short verticals. Won't do
bedsprings on that band either.
:-)

73, Zack W9SZ

On Mon, 28 Jan 2008, Jim wrote:

> Okay, I have a 20 meter J- pole that has a less then 2 : 1 swr over
> the band center and about 2.5 : 1 at the cw end. When I switch in
> the tuner, the swr goes up to about 8 : 1. It's like the tuner
> operates in reverse LoL. Jim
>
> --- In TS-850_450_690@yahoogroups.com, Crownhaven <crownhaven@...>
> wrote:
>>
>> Be careful about using your antenna tuner with an antenna that is
>> signfiicantly out of resonance. 75/80 meters comes to mind. A
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>> of mine used my TS-450S for a CW contest in C6 and burned the
> tuner
>> completely up using a non-resonant antenna. I like to use my
> antenna to
>> match the rig to the amp. I let the Drake MN-2700 do the heavy
> work.
>>
>> Steve, N4JQQ
>>

6698. Re: TS450S antenna tuner

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-01-28 14:59:20 UTC
From: vk6tux
Topic: 6687 Message: 6698

The ATU pcb arcs out from the tune coil end feed lead connection to adjacent pcb track that is too close. Easy fix by connect end feed lead direct to coil instead of via pcb. the problem never re-occurred in five ts-850s units I carried out this procedure on. VK4TUX
--- In TS-850_450_690@yahoogroups.com, "Jim" <k1ygg@...> wrote:
>
> Okay, I have a 20 meter J- pole that has a less then 2 : 1 swr over
> the band center and about 2.5 : 1 at the cw end. When I switch in
> the tuner, the swr goes up to about 8 : 1. It's like the tuner
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> > Be careful about using your antenna tuner with an antenna that is
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> > > > > <paddy.mm1dhu@> wrote:
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> > > > > radio the external swr meter shows higher swr than swr meter on
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> >
>

[Non-text portions of this message have been removed]

6699. Re: [TS-850_450_690] Re: TS450S antenna tuner

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-01-28 15:00:43 UTC
From: PATRICK MCBRIDE
Topic: 6687 Message: 6699

r u guys checking swr on radio swr meter or external meter ???
internal atu tuners in radios are ok and tune most but some dont better with resonant or nearly resonant ant or an external atu i only use tuner like other guy steve says to match linear to radio and external atu if needed to tune ant a resonant ant makes a whole lot of diffrence
regards and great group
paddy mm1dhu
Jim <k1ygg@...> wrote:
Okay, I have a 20 meter J- pole that has a less then 2 : 1 swr over
the band center and about 2.5 : 1 at the cw end. When I switch in
the tuner, the swr goes up to about 8 : 1. It's like the tuner
operates in reverse LoL. Jim

--- In TS-850_450_690@yahoogroups.com, Crownhaven <crownhaven@...>
wrote:
>
> Be careful about using your antenna tuner with an antenna that is
> signfiicantly out of resonance. 75/80 meters comes to mind. A
friend
> of mine used my TS-450S for a CW contest in C6 and burned the
tuner
> completely up using a non-resonant antenna. I like to use my
antenna to
> match the rig to the amp. I let the Drake MN-2700 do the heavy
work.
>
> Steve, N4JQQ
>
> Ken Winterling wrote:
> >
> > Jim,
> >
> > The ATU in the TS-450SAT does not function on 160 meters. It only
> > works on the 80M though 10M bands.
> >
> > According to the manual, the ATU unit is capable of matching an
> > approximately 3:1 SWR. Have you checked the SWR of your antenna
at
> > 3.700?
> >
> > Ken, WA2LBI
> >
> > On Jan 26, 2008 5:18 PM, Jim <k1ygg@...
> > <mailto:k1ygg%40comcast.net>> wrote:
> > > I am using only the ATU in the TS450S. My antenna is resonant

from
> > > 3.800 to 3.900 and the swr is low (<1.8 : 1) and the power
output
> > > is high (about 100 watts)according to the TS450S meter. When I
tune
> > > to 3.700 the SWR goes up and turning on the ATU does not bring
it
> > > down at all. The same thing is true on 160, the antenna is
resonant
> > > for about 50 khz, but the ATU will not lower the SWR outside
of the
> > > resonant range. thanks Jim
> > >
> > > --- In TS-850_450_690@yahoogroups.com
> > <mailto:TS-850_450_690%40yahoogroups.com>, PATRICK MCBRIDE
> > > <paddy.mm1dhu@> wrote:
> > > >
> > > > r u using an external swr meter when using the internal atu
in
> > > radio the external swr meter shows higher swr than swr meter on
> > > radio this is normal if this is the case
> > > > usually i have all my antennas resonant for each band and
never
> > > use tuner
> > > > u cant beat a resonant antenna im just lucky i have lots of
> > > space for large antennas
> > > > hope this helps
> > > > regards
> > > > paddy mm1dhu
> > > > ve3wej gmail <ve3wej@> wrote:
> > > > are you trying to use an external tuner as well??? take
> > > it out of line, or set it in by-pass(thru) position
> > > >
> > > > VE3WEJ
> > > > Dave Garber
> > > >
> > > > 10-X # 23465
> > > > echolink # 52852
> > > > irlp node 2202
> > > > email ve3wej@
> > > > ----- Original Message -----
> > > > From: Jim
> > > > To: TS-850_450_690@yahoogroups.com
> > <mailto:TS-850_450_690%40yahoogroups.com>
> > > > Sent: Saturday, January 26, 2008 11:17 AM
> > > > Subject: [TS-850_450_690] TS450S antenna tuner
> > > >
> > > > Hello all. The antenna tuner in my TS450S seems to make the
swr
> > > higher

> > > > instead of lowering it. On 80 meters, the swr is about 1.5 :
1
> > > without
> > > > the tuner and 3.8 : 1 using the tuner. This is with an 80
meter
> > > > dipole. I can hear it operate and stop so it is doing
something.
> > > > Anyone know what the problem might be? thanks Jim
> > > >
> >
> >
>

[Non-text portions of this message have been removed]

6700. Re: TS450S antenna tuner

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-01-28 20:25:35 UTC
From: ve3tmt
Topic: 6687 Message: 6700

--- In TS-850_450_690@yahoogroups.com, "vk6tux" <vk6tux@...> wrote:
>
> The ATU pcb arcs out from the tune coil end feed lead connection to
> adjacent pcb track that is too close. Easy fix by connect end feed lead
> direct to coil instead of via pcb. the problem never re-occurred in five
> ts-850s units I carried out this procedure on.

Please elaborate more on this...

6701. Re: TS450S antenna tuner

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-01-28 23:06:00 UTC
From: Jim
Topic: 6687 Message: 6701

I am running about 100 watts according to the meter on the radio. It drops down to about 20 watts when the ATU is engaged. I am going to open the radio and check out what VK4TUX mentioned regarding an arcing problem. I will likely be buying an external tuner also so I can match a wide variety of antennas. thanks Jim

--- In TS-850_450_690@yahoogroups.com, Zack Widup <w9sz@...> wrote:
>
>
> Hi Jim,
>
> Where is your output power set? The auto tuner doesn't work well
if
> you're running less than about 10 watts out.
>
> The tuner in my 850 will tune ALMOST anything on all bands
including 160.
> It has a tough time on 160 with really short verticals. Won't do
> bedsprings on that band either.
> :-)
>
> 73, Zack W9SZ
>
> On Mon, 28 Jan 2008, Jim wrote:
>
> > Okay, I have a 20 meter J- pole that has a less then 2 : 1 swr
over
> > the band center and about 2.5 : 1 at the cw end. When I switch in
> > the tuner, the swr goes up to about 8 : 1. It's like the tuner
> > operates in reverse LoL. Jim
> >
> > --- In TS-850_450_690@yahoogroups.com, Crownhaven <crownhaven@>
> > wrote:
> >>
> >> Be careful about using your antenna tuner with an antenna that is
> >> signfiicantly out of resonance. 75/80 meters comes to mind. A
> > friend
> >> of mine used my TS-450S for a CW contest in C6 and burned the
> > tuner
> >> completely up using a non-resonant antenna. I like to use my
> > antenna to
> >> match the rig to the amp. I let the Drake MN-2700 do the heavy
> > work.
> >>
> >> Steve, N4JQQ

> >>
>

6702. Re: TS450S antenna tuner

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-01-29 00:27:18 UTC
From: Clif
Topic: 6687 Message: 6702

Just a thought but after you put the tuner inline you are pushing the
"tune" button, correct?

Clif

--- In TS-850_450_690@yahoogroups.com, "Jim" <k1ygg@...> wrote:
>
> I am running about 100 watts according to the meter on the radio. It
> drops down to about 20 watts when the ATU is engaged. I am going to
> open the radio and check out what VK4TUX mentioned regarding an
> arcing problem. I will likely be buying an external tuner also so I
> can match a wide variety of antennas. thanks Jim
>
> --- In TS-850_450_690@yahoogroups.com, Zack Widup <w9sz@> wrote:
> >
> >
> > Hi Jim,
> >
> > Where is your output power set? The auto tuner doesn't work well
> if
> > you're running less than about 10 watts out.
> >
> > The tuner in my 850 will tune ALMOST anything on all bands
> including 160.
> > It has a tough time on 160 with really short verticals. Won't do
> > bedsprings on that band either.
> > :-)
> >
> > 73, Zack W9SZ
> >
> > On Mon, 28 Jan 2008, Jim wrote:
> >
> > > Okay, I have a 20 meter J- pole that has a less then 2 : 1 swr
> over
> > > the band center and about 2.5 : 1 at the cw end. When I switch in
> > > the tuner, the swr goes up to about 8 : 1. It's like the tuner
> > > operates in reverse LoL. Jim
> > >
> > > --- In TS-850_450_690@yahoogroups.com, Crownhaven <crownhaven@>
> > > wrote:
> > >>
> > >> Be careful about using your antenna tuner with an antenna that is
> > >> signfiicantly out of resonance. 75/80 meters comes to mind. A
> > > friend
> > >> of mine used my TS-450S for a CW contest in C6 and burned the

> > > tuner
> > >> completely up using a non-resonant antenna. I like to use my
> > > antenna to
> > >> match the rig to the amp. I let the Drake MN-2700 do the heavy
> > > work.
> > >>
> > >> Steve, N4JQQ
> > >>
> >
>

6703. Re: TS450S antenna tuner

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-01-29 00:30:57 UTC
From: vk6tux
Topic: 6687 Message: 6703

Ok Jim you will see the end on the tapped tune coil at right of ATU PCB and the end closest to radio fromt. the lead goes into the pcb to a short track to the coil end.

I removed the coil end and twist the coil 90 deg so the end sits up in the air above the pcn. the other coil taps still support the coil fine. Then connect the lead direct(solder) to coil end. The damaged peice on pcb should still be cleaned up and check the ground track (close to original lead supply track) is intact and not burnt open circuit.

I consider it a design flaw, and have had a few debates in years past on this forum. Hams I have repaired for, went back to the same antenna and ATU tuned, with no further problem. IE; the ATU was well within its tuning range, but the voltage insulation properties weren't due to the pcb design, with 1/16" pcb track separation for full voltdrop adjacent is ridiculous..

VK4TUX

--- In TS-850_450_690@yahoogroups.com, "Jim" <k1ygg@...> wrote:
>
> I am running about 100 watts according to the meter on the radio. It
> drops down to about 20 watts when the ATU is engaged. I am going to
> open the radio and check out what VK4TUX mentioned regarding an
> arcing problem. I will likely be buying an external tuner also so I
> can match a wide variety of antennas. thanks Jim
>
> --- In TS-850_450_690@yahoogroups.com, Zack Widup <w9sz@> wrote:
> >
> >
> > Hi Jim,
> >
> > Where is your output power set? The auto tuner doesn't work well
> if
> > you're running less than about 10 watts out.
> >
> > The tuner in my 850 will tune ALMOST anything on all bands
> including 160.
> > It has a tough time on 160 with really short verticals. Won't do
> > bedsprings on that band either.
> > :-)
> >
> > 73, Zack W9SZ
> >

> > On Mon, 28 Jan 2008, Jim wrote:
> >
> > > Okay, I have a 20 meter J- pole that has a less then 2 : 1 swr
> over
> > > the band center and about 2.5 : 1 at the cw end. When I switch
in
> > > the tuner, the swr goes up to about 8 : 1. It's like the tuner
> > > operates in reverse LoL. Jim
> > >
> > > --- In TS-850_450_690@yahoogroups.com, Crownhaven <crownhaven@>
> > > wrote:
> > >>
> > >> Be careful about using your antenna tuner with an antenna that
is
> > >> signfiicantly out of resonance. 75/80 meters comes to mind. A
> > > friend
> > >> of mine used my TS-450S for a CW contest in C6 and burned the
> > > tuner
> > >> completely up using a non-resonant antenna. I like to use my
> > > antenna to
> > >> match the rig to the amp. I let the Drake MN-2700 do the heavy
> > > work.
> > >>
> > >> Steve, N4JQQ
> > >>
> >
>

6704. Re: [TS-850_450_690] Re: CW Sidetone Volume

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-01-29 01:02:54 UTC
From: Mike Rhodes
Topic: 6641 Message: 6704

I have not done the cw sidetone mod yet but have a question as to what the end results are. When all is said and done, is my assumption that the 'Moni' control will vary BOTH (either) the cw sidetone and/or SSB monitor volume correct or do we loose control of the SSB moni volume?

Tnx es 73 de
Mike / W8DN

6705. Re: CW Sidetone Volume

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-01-29 01:46:19 UTC
From: ve3tmt
Topic: 6641 Message: 6705

--- In TS-850_450_690@yahoogroups.com, Mike Rhodes <w8dn@...> wrote:
>
> I have not done the cw sidetone mod yet but have a question as to what
> the end results are. When all is said and done, is my assumption that
> the 'Moni' control will vary BOTH (either) the cw sidetone and/or SSB
> monitor volume correct or do we loose control of the SSB moni volume?
>
> Tnx es 73 de
> Mike / W8DN
>
You are right the first time Mike, the mod allows you to control both
the SSB and FSK signal volumes as well as the sidetone level in CW
mode. Don't hesitate, you will be glad you did.

Max
VE3TMT

6706. loss of power above 20m

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-01-29 14:25:52 UTC
From: patrick40044
Topic: 6674 Message: 6706

further to my investigations i see my alc is full scale even when no audio and pwr on 10m is nil 20w on 15 abt 50 on 20 and well over the 100 on rest of bands any ideas what this could be help
tnx paddy

6707. Re: [TS-850_450_690] loss of power above 20m

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-01-30 01:54:34 UTC
From: ve3wej gmail
Topic: 6674 Message: 6707

sounds like the dc board problem, eh??

VE3WEJ
Dave Garber

10-X # 23465
echolink # 52852
irlp node 2202
email ve3wej@...
----- Original Message -----
From: patrick40044
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, January 29, 2008 9:25 AM
Subject: [TS-850_450_690] loss of power above 20m

further to my investigations i see my alc is full scale even when no
audio and pwr on 10m is nil 20w on 15 abt 50 on 20 and well over the
100 on rest of bands any ideas what this could be help
tnx paddy

[Non-text portions of this message have been removed]

6708. Re: loss of power above 20m

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-01-30 15:36:00 UTC
From: ve3tmt
Topic: 6674 Message: 6708

--- In TS-850_450_690@yahoogroups.com, "ve3wej gmail" <ve3wej@...> wrote:
>
> sounds like the dc board problem, eh??
>
> VE3WEJ
> Dave Garber

Since it isn't happening on all bands equally I would rule the DC-DC converter out. I wonder if perhaps there is a leaky switching diode.

Max
VE3TMT

6709. Re: [TS-850_450_690] Re: loss of power above 20m

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-01-30 15:44:34 UTC
From: PATRICK MCBRIDE
Topic: 6674 Message: 6709

yes been thinkin that but funny as the alc is still endstop when no audio is on
and pwr on lowerbands is very hi 150+ even when pwr nob at 0 micgain is doing the work
i think tis 1 is haunted its a lowband only lol all in all it does crack out on 40 80 160
gud reports suppose i have to do some more disectioning lol tnx
paddy

ve3tmt <ve3tmt@...> wrote:
--- In TS-850_450_690@yahoogroups.com, "ve3wej gmail" <ve3wej@...> wrote:
>
> sounds like the dc board problem, eh??
>
> VE3WEJ
> Dave Garber

Since it isn't happening on all bands equally I would rule the DC-DC
converter out. I wonder if perhaps there is a leaky switching diode.

Max
VE3TMT

[Non-text portions of this message have been removed]

6710. Re: loss of power above 20m

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-01-30 17:52:16 UTC
From: Clif
Topic: 6674 Message: 6710

It probably has shorted diodes in the BPF on the RF unit. Someone
turned up the power to try and get more on the higher bands.

Unless you like replacing finals I suggest you start by turning the
power down per the service manual.

Clif

--- In TS-850_450_690@yahoogroups.com, PATRICK MCBRIDE
<paddy.mm1dhu@...> wrote:
>
> yes been thinkin that but funny as the alc is still endstop when no
audio is on
> and pwr on lowerbands is very hi 150+ even when pwr nob at 0
micgain is doing the work
> i think tis 1 is haunted its a lowband only lol all in all it
does crack out on 40 80 160 gud reports suppose i have to do some
more disectioning lol tnx
> paddy
>
> ve3tmt <ve3tmt@...> wrote:
> --- In TS-850_450_690@yahoogroups.com, "ve3wej gmail"
<ve3wej@> wrote:
> >
> > sounds like the dc board problem, eh??
> >
> > VE3WEJ
> > Dave Garber
>
> Since it isn't happening on all bands equally I would rule the DC-DC
> converter out. I wonder if perhaps there is a leaky switching diode.
>
> Max
> VE3TMT
>
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

6711. TS-850SAT original retail price ?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-01-31 23:13:47 UTC
From: jim999us
Topic: 6711 Message: 6711

Anyone know the orig retail price of the 850 when it was being sold new?

Interested in 1994-95 time frame or anytime someone might remember.

Thanks
Jim
K7AYO

p.s. have enjoyed being subscribed to this group the past few years.

6712. Re: TS-850SAT original retail price ?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-02-01 00:55:05 UTC
From: ve3tmt
Topic: 6711 Message: 6712

--- In TS-850_450_690@yahoogroups.com, "jim999us" <jim999us@...> wrote:
>
>
> Anyone know the orig retail price of the 850 when it was being sold new?
>
> Interested in 1994-95 time frame or anytime someone might remember.
>
> Thanks
> Jim
> K7AYO
>
> p.s. have enjoyed being subscribed to this group the past few years.
>

According to the 1991 QST product review...

TS850S with MC43 hand mic $1699.95
AT-850 internal tuner $205.95
YK-88SN-1 1.8 KHz SSB filter $84.95
YK-88C-1 500 Hz CW filter $98.95
YK-88CN-1 270 Hz CW filter $84.95
YG-455C-1 500 Hz CW filter $149.95
YG-455CN-1 250 Hz CW filter $159.95
YK-88A-1 6 KHz AM filter $88.95
DRU-2 digital recorder $121.95
DSP-100 DSP unit $629.95
SO-2 high stability osc. $149.95

I have posted the QST review in the files section in the manuals folder.

73,
Max
VE3TMT

6713. New file uploaded to TS-850_450_690

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-02-01 00:56:37 UTC
From: TS-850_450_690@yahoogroups.com
Topic: 421 Message: 6713

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the TS-850_450_690
group.

File : /Manuals and Schematics/QST reiview.pdf
Uploaded by : ve3tmt <ve3tmt@...>
Description : TS850 Product Review July 1991

You can access this file at the URL:
http://groups.yahoo.com/group/TS-850_450_690/files/Manuals%20and%20Schematics/QST%20reivie
w.pdf

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.htmlfiles

Regards,

ve3tmt <ve3tmt@...>

6714. Re: TS-850SAT original retail price ?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-02-01 01:05:48 UTC
From: Gene
Topic: 6711 Message: 6714

$1713.43 is what i paid for mine in that time frame

6715. New file uploaded to TS-850_450_690

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-02-01 03:23:04 UTC
From: TS-850_450_690@yahoogroups.com
Topic: 421 Message: 6715

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the TS-850_450_690
group.

File : /Manuals and Schematics/TS450_690 QST Review.pdf
Uploaded by : ve3tmt <ve3tmt@...>
Description : TS450 & 690 QST Reiview April 1992

You can access this file at the URL:
http://groups.yahoo.com/group/TS-850_450_690/files/Manuals%20and%20Schematics/TS450_690%20QST%20Review.pdf

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.htmlfiles

Regards,

ve3tmt <ve3tmt@...>

6716. Re: TS-850SAT original retail price ?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-02-01 17:34:41 UTC
From: ny1t
Topic: 6711 Message: 6716

I bought mine at HRO in N.H. in feb 92 for 1699.95 and it included a prewired heil BM-10 boomset

6717. Re: TS450S antenna tuner

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-02-06 01:15:54 UTC
From: Jim
Topic: 6687 Message: 6717

Well, I opened up the ATU, did the suggested mod and no change. The ATU still operates in reverse. I did notice the operation of the unit and it definitely functions, just incorrectly. My solution was to buy a used Dentron 1 KW super tuner. Thanks all. Jim

--- In TS-850_450_690@...m, "vk6tux" <vk6tux@...> wrote:
>
> Ok Jim you will see the end on the tapped tune coil at right of ATU
> PCB and the end closest to radio fromt. the lead goes into the pcb to
> a short track to the coil end.
>
> I removed the coil end and twist the coil 90 deg so the end sits up
> in the air above the pcn. the other coil taps still support the coil
> fine. Then connect the lead direct(solder) to coil end. The damaged
> peice on pcb should still be cleaned up and check the ground track
> (close to original lead supply track) is intact and not burnt open
> circuit.
>
> I consider it a design flaw, and have had a few debates in years past
> on this forum. Hams I have repaired for, went back to the same
> antenna and ATU tuned, with no further problem. IE; the ATU was well
> within its tuning range, but the voltage insulation properties
> weren't due to the pcb design, with 1/16" pcb track separation for
> full voltdrop adjacent is ridiculous..
>
> VK4TUX
>
>
> --- In TS-850_450_690@yahoogroups.com, "Jim" <k1ygg@> wrote:
> >
> > I am running about 100 watts according to the meter on the radio.
> It
> > drops down to about 20 watts when the ATU is engaged. I am going to
> > open the radio and check out what VK4TUX mentioned regarding an
> > arcing problem. I will likely be buying an external tuner also so I
> > can match a wide variety of antennas. thanks Jim
> >
> > --- In TS-850_450_690@yahoogroups.com, Zack Widup <w9sz@> wrote:

> > >
> > >
> > > Hi Jim,
> > >
> > > Where is your output power set? The auto tuner doesn't work
well
> > if
> > > you're running less than about 10 watts out.
> > >
> > > The tuner in my 850 will tune ALMOST anything on all bands
> > including 160.
> > > It has a tough time on 160 with really short verticals. Won't
do
> > > bedsprings on that band either.
> > > :-)
> > >
> > > 73, Zack W9SZ
> > >
> > > On Mon, 28 Jan 2008, Jim wrote:
> > >
> > > > Okay, I have a 20 meter J- pole that has a less then 2 : 1
swr
> > over
> > > > the band center and about 2.5 : 1 at the cw end. When I
switch
> in
> > > > the tuner, the swr goes up to about 8 : 1. It's like the tuner
> > > > operates in reverse LoL. Jim
> > > >
> > > > --- In TS-850_450_690@yahoogroups.com, Crownhaven
<crownhaven@>
> > > > wrote:
> > > >>
> > > >> Be careful about using your antenna tuner with an antenna
that
> is
> > > >> signfiicantly out of resonance. 75/80 meters comes to
mind. A
> > > > friend
> > > >> of mine used my TS-450S for a CW contest in C6 and burned the
> > > > tuner
> > > >> completely up using a non-resonant antenna. I like to use my
> > > > antenna to
> > > >> match the rig to the amp. I let the Drake MN-2700 do the
heavy
> > > > work.
> > > >>
> > > >> Steve, N4JQQ
> > > >>
> > >

> >
>

6718. Re: [TS-850_450_690] Re: TS450S antenna tuner

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-02-06 14:26:01 UTC
From: Kurt Cathcart
Topic: 6687 Message: 6718

Is this an AT you added on your own? I had a similar problem when I added an AT to my TS-450. There is a diode that you need to remove or clip an end off of. If you don't do that the AT will be all confused. Details for what to do were in my TS-450's owner manual.
----- Original Message -----
From: Jim
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, February 05, 2008 8:15 PM
Subject: [TS-850_450_690] Re: TS450S antenna tuner

Well, I opened up the ATU, did the suggested mod and no change. The ATU still operates in reverse. I did notice the operation of the unit and it definitely functions, just incorrectly. My solution was to buy a used Dentron 1 KW super tuner. Thanks all. Jim

--- In TS-850_450_690@yahoogroups.com, "vk6tux" <vk6tux@...> wrote:
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> Ok Jim you will see the end on the tapped tune coil at right of ATU
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> full voltdrop adjacent is ridiculous..
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> VK4TUX
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> --- In TS-850_450_690@yahoogroups.com, "Jim" <k1ygg@> wrote:
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> > I am running about 100 watts according to the meter on the radio.

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> > > >> completely up using a non-resonant antenna. I like to use my
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> > > >> Steve, N4JQQ
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> >
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[Non-text portions of this message have been removed]

6719. Re: TS450S antenna tuner

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-02-06 23:51:19 UTC
From: Jim
Topic: 6687 Message: 6719

That sounds interesting Kurt. The tuner was in the rig when I bought it used from a silent key's estate. The radio is labeled TS450S not SAT so the tuner may have been added afterwards. Actually the original owner was blind so someone else must have done it for him. I will read the manual when I get home. Thanks Jim
- In TS-850_450_690@yahoogroups.com, "Kurt Cathcart" <kurt@...> wrote:
>
> Is this an AT you added on your own? I had a similar problem when I added an AT to my TS-450. There is a diode that you need to remove or clip an end off of. If you don't do that the AT will be all confused. Details for what to do were in my TS-450's owner manual.
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> To: TS-850_450_690@yahoogroups.com
> Sent: Tuesday, February 05, 2008 8:15 PM
> Subject: [TS-850_450_690] Re: TS450S antenna tuner
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> [Non-text portions of this message have been removed]
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6720. Re: [TS-850_450_690] Re: TS450S antenna tuner

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-02-07 00:47:49 UTC
From: Kurt Cathcart
Topic: 6687 Message: 6720

The diode is W5 on the Filter board.

----- Original Message -----
From: Jim
To: TS-850_450_690@yahoogroups.com
Sent: Wednesday, February 06, 2008 6:51 PM
Subject: [TS-850_450_690] Re: TS450S antenna tuner

That sounds interesting Kurt. The tuner was in the rig when I bought
it used from a silent key's estate. The radio is labeled TS450S not
SAT so the tuner may have been added afterwards. Actually the
original owner was blind so someone else must have done it for him. I
will read the manual when I get home. Thanks Jim
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> Is this an AT you added on your own? I had a similar problem when
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> Subject: [TS-850_450_690] Re: TS450S antenna tuner
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> Well, I opened up the ATU, did the suggested mod and no change.
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> a used Dentron 1 KW super tuner. Thanks all. Jim
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6721. Re: TS450S antenna tuner

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-02-07 02:15:38 UTC
From: Clif
Topic: 6687 Message: 6721

It's not a diode, it's a jumper wire. It connects the tuner I/O jacks
together when the tuner is not installed.

Clif

--- In TS-850_450_690@yahoogroups.com, "Kurt Cathcart" <kurt@...> wrote:
>
> The diode is W5 on the Filter board.
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> ----- Original Message -----
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> To: TS-850_450_690@yahoogroups.com
> Sent: Wednesday, February 06, 2008 6:51 PM
> Subject: [TS-850_450_690] Re: TS450S antenna tuner
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6722. Re: [TS-850_450_690] Re: TS450S antenna tuner

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-02-07 02:17:45 UTC
From: Dennis Bombardiere
Topic: 6687 Message: 6722

My TS-850SAT is labeled TS-850S. Is there a TS-450SAT label??? W8YS

----- Original Message -----
From: Jim
To: TS-850_450_690@yahoogroups.com
Sent: Wednesday, February 06, 2008 6:51 PM
Subject: [TS-850_450_690] Re: TS450S antenna tuner

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6723. Re: [TS-850_450_690] Re: TS450S antenna tuner

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-02-07 02:43:46 UTC
From: Crownhaven
Topic: 6687 Message: 6723

I have a TS-690S/AT, TS-450S/AT and TS-850S/AT. They all say 690S, 450S
and 850S. No "AT" on the front panel. This has come up before. Hope
it helps.

Regards,

Steve, N4JQQ

Dennis Bombardiere wrote:
>
> My TS-850SAT is labeled TS-850S. Is there a TS-450SAT label??? W8YS
>
> ----- Original Message -----
> From: Jim
> To: TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>
> Sent: Wednesday, February 06, 2008 6:51 PM
> Subject: [TS-850_450_690] Re: TS450S antenna tuner
>
> That sounds interesting Kurt. The tuner was in the rig when I bought
> it used from a silent key's estate. The radio is labeled TS450S not
> SAT so the tuner may have been added afterwards. Actually the
> original owner was blind so someone else must have done it for him. I
> will read the manual when I get home. Thanks Jim
> - In TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>, "Kurt Cathcart" <kurt@...>
> wrote:
> >
> > Is this an AT you added on your own? I had a similar problem when
> I added an AT to my TS-450. There is a diode that you need to remove
> or clip an end off of. If you don't do that the AT will be all
> confused. Details for what to do were in my TS-450's owner manual.
> > > ----- Original Message -----
> > > From: Jim
> > > To: TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>
> > > Sent: Tuesday, February 05, 2008 8:15 PM
> > > Subject: [TS-850_450_690] Re: TS450S antenna tuner
> > >
> > >
> > > Well, I opened up the ATU, did the suggested mod and no change.
> The
> > > ATU still operates in reverse. I did notice the operation of the
> unit
> > > and it definitely functions, just incorrectly. My solution was to
> buy

> > a used Dentron 1 KW super tuner. Thanks all. Jim
> >
> > --- In TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>, "vk6tux" <vk6tux@> wrote:
> > >
> > > Ok Jim you will see the end on the tapped tune coil at right of
> ATU
> > > PCB and the end closest to radio fromt. the lead goes into the
> pcb
> > to
> > > a short track to the coil end.
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> > > I removed the coil end and twist the coil 90 deg so the end
> sits
> > up
> > > in the air above the pcn. the other coil taps still support the
> > coil
> > > fine. Then connect the lead direct(solder) to coil end. The
> damaged
> > > peice on pcb should still be cleaned up and check the ground
> track
> > > (close to original lead supply track) is intact and not burnt
> open
> > > circuit.
> > >
> > > I consider it a design flaw, and have had a few debates in
> years
> > past
> > > on this forum. Hams I have repaired for, went back to the same
> > > antenna and ATU tuned, with no further problem. IE; the ATU was
> > well
> > > within its tuning range, but the voltage insulation properties
> > > weren't due to the pcb design, with 1/16" pcb track separation
> for
> > > full voltdrop adjacent is ridiculous..
> > >
> > > VK4TUX
> > >
> > >
> > > --- In TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>, "Jim" <k1ygg@> wrote:
> > > >
> > > > I am running about 100 watts according to the meter on the
> radio.
> > > It
> > > > drops down to about 20 watts when the ATU is engaged. I am
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> > > > open the radio and check out what VK4TUX mentioned regarding
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> also so
> > I
> > > > can match a wide variety of antennas. thanks Jim
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> > > > --- In TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>, Zack Widup <w9sz@>
> wrote:
> > > > > >
> > > > > >
> > > > > > Hi Jim,
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> > > > > > Where is your output power set? The auto tuner doesn't work
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> > > > > > you're running less than about 10 watts out.
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> > > > > > The tuner in my 850 will tune ALMOST anything on all bands
> > > > > including 160.
> > > > > > It has a tough time on 160 with really short verticals.
> Won't
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> > > > > > bedsprings on that band either.
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> > > > > >
> > > > > > 73, Zack W9SZ
> > > > > >
> > > > > > On Mon, 28 Jan 2008, Jim wrote:
> > > > > >
> > > > > > > Okay, I have a 20 meter J- pole that has a less then 2 :
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> > > > > > > the band center and about 2.5 : 1 at the cw end. When I
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> > > > > > > --- In TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>, Crownhaven
> > <crownhaven@>
> > > > > > > wrote:
> > > > > > >>
> > > > > > >> Be careful about using your antenna tuner with an
> antenna
> > that
> > > > is
> > > > > > >> signfiicantly out of resonance. 75/80 meters comes to

> > mind. A
> > > > > > friend
> > > > > >> of mine used my TS-450S for a CW contest in C6 and
> burned the
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>

6724. Re: [TS-850_450_690] Re: TS450S antenna tuner

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-02-07 04:14:55 UTC
From: Zack Widup
Topic: 6687 Message: 6724

I don't think the rig itself says "SAT". My 850 right in fromt of my nose
now says "TS-850S" on it and it is definitely the SAT with the original
built-in tuner.

73, Zack W9SZ

On Wed, 6 Feb 2008, Jim wrote:

> That sounds interesting Kurt. The tuner was in the rig when I bought
> it used from a silent key's estate. The radio is labeled TS450S not
> SAT so the tuner may have been added afterwards. Actually the
> original owner was blind so someone else must have done it for him. I
> will read the manual when I get home. Thanks Jim
> - In TS-850_450_690@yahoogroups.com, "Kurt Cathcart" <kurt@...> wrote:
>>
>> Is this an AT you added on your own? I had a similar problem when
> I added an AT to my TS-450. There is a diode that you need to remove
> or clip an end off of. If you don't do that the AT will be all
> confused. Details for what to do were in my TS-450's owner manual.
>> ----- Original Message -----
>> From: Jim
>> To: TS-850_450_690@yahoogroups.com
>> Sent: Tuesday, February 05, 2008 8:15 PM
>> Subject: [TS-850_450_690] Re: TS450S antenna tuner
>>
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>> Well, I opened up the ATU, did the suggested mod and no change.
> The
>> ATU still operates in reverse. I did notice the operation of the
> unit
>> and it definitely functions, just incorrectly. My solution was to
> buy
>> a used Dentron 1 KW super tuner. Thanks all. Jim
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>> --- In TS-850_450_690@yahoogroups.com, "vk6tux" <vk6tux@> wrote:
>> >
>> > Ok Jim you will see the end on the tapped tune coil at right of
> ATU
>> > PCB and the end closest to radio fromt. the lead goes into the
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>> > within its tuning range, but the voltage insulation properties
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>> > --- In TS-850_450_690@yahoogroups.com, "Jim" <k1ygg@> wrote:
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>> >> I am running about 100 watts according to the meter on the
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>> >> drops down to about 20 watts when the ATU is engaged. I am
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>> >> arcing problem. I will likely be buying an external tuner
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>> I
>> >> can match a wide variety of antennas. thanks Jim
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>> >> --- In TS-850_450_690@yahoogroups.com, Zack Widup <w9sz@>
> wrote:
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>> >>> Hi Jim,
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>> >>> Where is your output power set? The auto tuner doesn't work
>> well
>> >> if
>> >>> you're running less than about 10 watts out.
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>> >>> The tuner in my 850 will tune ALMOST anything on all bands
>> >> including 160.
>> >>> It has a tough time on 160 with really short verticals.
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>> >>
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>> [Non-text portions of this message have been removed]
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>

6725. Re: [TS-850_450_690] Re: TS450S antenna tuner

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-02-07 04:38:39 UTC
From: Tom Osborne
Topic: 6687 Message: 6725

Hi Zack
I have 2 '450's here and both say "S", not "SAT", and both have tuners in them 73
Tom W7WHY

>
> I don't think the rig itself says "SAT". My 850 right in fromt of my nose
> now says "TS-850S" on it and it is definitely the SAT with the original
> built-in tuner

6726. Re: TS450S antenna tuner

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-02-07 21:25:02 UTC
From: ve3tmt
Topic: 6687 Message: 6726

I've owned five 850's, all with internal tuners. They never came from the factory marked TS850S/AT. I did own a coupe of Yaesu FT900's with internal tuners, and although the shipping box said FT900CAT, "C" meaning Collins filter, "AT" meaning with tuner, the radios still were only identified as FT900's.

Hopefully we have resolved this issue.

6727. Re: TS450S antenna tuner

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-02-07 22:20:18 UTC
From: Jim
Topic: 6687 Message: 6727

Okay, so much for me being a source of knowledge about the TS-450S
LoL. I read the ATU installation procedure and unfortunately the
diode was cut as described in the manual. Maybe I will send the rig
out to a shop to have them check it out / tune it up depending on the
cost. Then again I might not and just use the Dentron antenna tuner
instead. Jim
--- In TS-850_450_690@yahoogroups.com, Crownhaven <crownhaven@...>
wrote:
>
> I have a TS-690S/AT, TS-450S/AT and TS-850S/AT. They all say 690S,
450S
> and 850S. No "AT" on the front panel. This has come up before.
Hope
> it helps.
>
> Regards,
>
> Steve, N4JQQ
>
> Dennis Bombardiere wrote:
> >
> > My TS-850SAT is labeled TS-850S. Is there a TS-450SAT label???
W8YS
> >
> > ----- Original Message -----
> > From: Jim
> > To: TS-850_450_690@yahoogroups.com
> > <mailto:TS-850_450_690%40yahoogroups.com>
> > Sent: Wednesday, February 06, 2008 6:51 PM
> > Subject: [TS-850_450_690] Re: TS450S antenna tuner
> >
> > That sounds interesting Kurt. The tuner was in the rig when I
bought
> > it used from a silent key's estate. The radio is labeled TS450S
not
> > SAT so the tuner may have been added afterwards. Actually the
> > original owner was blind so someone else must have done it for
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> > will read the manual when I get home. Thanks Jim
> > - In TS-850_450_690@yahoogroups.com
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> > wrote:
> > >
> > > Is this an AT you added on your own? I had a similar problem

when
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remove
> > or clip an end off of. If you don't do that the AT will be all
> > confused. Details for what to do were in my TS-450's owner manual.
> > > ----- Original Message -----
> > > From: Jim
> > > To: TS-850_450_690@yahoogroups.com
> > <mailto:TS-850_450_690%40yahoogroups.com>
> > > Sent: Tuesday, February 05, 2008 8:15 PM
> > > Subject: [TS-850_450_690] Re: TS450S antenna tuner
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> > >
> > > Well, I opened up the ATU, did the suggested mod and no change.
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> > > --- In TS-850_450_690@yahoogroups.com
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> > > > > > The tuner in my 850 will tune ALMOST anything on all bands
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> > > > > > 73, Zack W9SZ
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> >
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> >
> >
>

6728. Re: [TS-850_450_690] Re: TS450S antenna tuner

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-02-08 20:12:15 UTC
From: ve3wej gmail
Topic: 6687 Message: 6728

is it possible to reverse the "leads" from the tuner to the radio. I remeber putting coax on the wrong antenna connections on a swr meter. forward and reflected were reversed

VE3WEJ
Dave Garber

10-X # 23465
echolink # 52852
irlp node 2202
email ve3wej@...
----- Original Message -----
From: Jim
To: TS-850_450_690@yahoogroups.com
Sent: Thursday, February 07, 2008 5:20 PM
Subject: [TS-850_450_690] Re: TS450S antenna tuner

Okay, so much for me being a source of knowledge about the TS-450S LoL. I read the ATU installation procedure and unfortunately the diode was cut as described in the manual. Maybe I will send the rig out to a shop to have them check it out / tune it up depending on the cost. Then again I might not and just use the Dentron antenna tuner instead. Jim
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> > To: TS-850_450_690@yahoogroups.com
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> > Subject: [TS-850_450_690] Re: TS450S antenna tuner

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> > > Is this an AT you added on your own? I had a similar problem
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> > radio.
> > > > It
> > > > > drops down to about 20 watts when the ATU is engaged. I am
> > going
> > > to
> > > > > open the radio and check out what VK4TUX mentioned regarding
> > an
> > > > > arcing problem. I will likely be buying an external tuner
> > also so
> > > > I
> > > > > can match a wide variety of antennas. thanks Jim
> > > > >
> > > > > --- In TS-850_450_690@yahoogroups.com
> > <mailto:TS-850_450_690%40yahoogroups.com>, Zack Widup <w9sz@>
> > wrote:
> > > > > >
> > > > > >
> > > > > > Hi Jim,

> > > > > >
> > > > > > > Where is your output power set? The auto tuner doesn't
work
> > > well
> > > > > if
> > > > > > you're running less than about 10 watts out.
> > > > > > >
> > > > > > > The tuner in my 850 will tune ALMOST anything on all bands
> > > > > > including 160.
> > > > > > > It has a tough time on 160 with really short verticals.
> > Won't
> > > do
> > > > > > bedsprings on that band either.
> > > > > > > :-)
> > > > > > >
> > > > > > > 73, Zack W9SZ
> > > > > > >
> > > > > > > On Mon, 28 Jan 2008, Jim wrote:
> > > > > > >
> > > > > > > > Okay, I have a 20 meter J- pole that has a less then 2 :
> > 1
> > > swr
> > > > > over
> > > > > > > the band center and about 2.5 : 1 at the cw end. When I
> > > switch
> > > > > in
> > > > > > > the tuner, the swr goes up to about 8 : 1. It's like the
> > tuner
> > > > > > operates in reverse LoL. Jim
> > > > > > >
> > > > > > > --- In TS-850_450_690@yahoogroups.com
> > <mailto:TS-850_450_690%40yahoogroups.com>, Crownhaven
> > > <crownhaven@>
> > > > > > wrote:
> > > > > > >>
> > > > > > >> Be careful about using your antenna tuner with an
> > antenna
> > > that
> > > > > is
> > > > > > >> signfiicantly out of resonance. 75/80 meters comes to
> > > mind. A
> > > > > > friend
> > > > > > >> of mine used my TS-450S for a CW contest in C6 and
> > burned the
> > > > > > tuner
> > > > > > >> completely up using a non-resonant antenna. I like to
> > use my
> > > > > > antenna to
> > > > > > >> match the rig to the amp. I let the Drake MN-2700 do
the

> > > heavy
> > > > > > > work.
> > > > > > >>
> > > > > > >> Steve, N4JQQ
> > > > > > >>
> > > > > > >
> > > > > >
> > > > >
> > > >
> > > >
> > > >
> > > >
> > > >
> > > [Non-text portions of this message have been removed]
> > >
> >
> > [Non-text portions of this message have been removed]
> >
> >
>

[Non-text portions of this message have been removed]

6729. Re: TS450S antenna tuner

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-02-08 20:30:44 UTC
From: ve3tmt
Topic: 6687 Message: 6729

--- In TS-850_450_690@yahoogroups.com, "ve3wej gmail" <ve3wej@...> wrote:
>
> is it possible to reverse the "leads" from the tuner to the radio. I remeber putting coax on the wrong antenna connections on a swr meter. forward and reflected were reversed
>
>
> VE3WEJ
> Dave Garber

Very true Dave,

After performing the RX antenna tuner mod on one of my 850's, the tuner would just go round and round. It would achieve a low SWR but not stop tuning. Just on a hunch I reversed the leads to the tuner. Solved the problem completely.

Max
VE3TMT

6730. For your consideration a Kenwood TS-850SAT In great condition

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-02-10 19:10:20 UTC
From: arby7115805
Topic: 6730 Message: 6730

For sale or trade. I am looking for a working combo older HF Rig and HF amplifier set in trade or I will sell this 850SAT for $750 + $35 shipping.
The 850SAT come with the original manual, a copy of the service manual, a CD with copies of manuals and other 850 downloads all of them in a nice looseleaf notebook. It has the original hand mic and DC power cord. Does not have original box but will be double boxed for shipping.
The radio functions on TX & RX and works up or better than factory spec's!! The antenna tuner works flawlessly and the radio is in good cosmetic condition too.

Pictures upon request email me at

kd6rhr at msn dot com

Thanks for your interest
Steven

6731. TS-450 won't key up

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-02-15 02:41:37 UTC
From: Tom Osborne
Topic: 6731 Message: 6731

HI All

My TS-450SAT has quit keying up again. It acts like it keys--it mutes the rx, but doesn't key the transmitter.

I did the factory reset and set the menu 19 to 'transmitter on' but it still won't key.

The antenna tuner won't tune either. The light click on for a second and goes off.

I thoght it might be the battery, but according to the manual, all the battery does is keep the memory alive. It says it doens't have anything to do with the operation of the radio.

I checked the cables and plugs and didn't find anything out of whack there.
73
Tom W7WHY

6732. Re: TS-450 won't key up

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-02-15 14:00:00 UTC
From: ve3tmt
Topic: 6731 Message: 6732

--- In TS-850_450_690@yahoogroups.com, "Tom Osborne" <w7why@...> wrote:
>
> HI All

My TS-450SAT has quit keying up again. It acts like it keys--it mutes the rx, but doesn't key the transmitter. I did the factory reset and set the menu 19 to 'transmitter on' but it still won't key. The antenna tuner won't tune either. The light click on for a second and goes off. I thoght it might be the battery, but according to the manual, all the battery does is keep the memory alive. It says it doens't have anything to do with the operation of the radio.
I checked the cables and plugs and didn't find anything out of whack there.

Tom,

Is the red TX LED lighting up when you key the radio?

Check the TXB voltage coming off the TRX board. It is a small vertical soldered in board on the IF board. You should get 8V on the TXB pad in transmit and 0V on the RXB. In receive the readings should be reversed. You can also find solder pads on the IF board labeled TXB and RXB. You can take your measurements there.

Max
VE3TMT

6733. Service Menu Channels Questions

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-02-18 15:02:30 UTC
From: carl.bohman
Topic: 6733 Message: 6733

1. When I enter the service mode (AIP+XIT+SCAN) my radio does not display Fd1E, is this a problem?

2. When I enter the service mode and rotate the M.CH/VFO CH to 03 and then use the up/down to scroll through the different memory channels do I need to depress another key to select that channel? The unit that I have stays at the frequency when I turned it off.

73,

Carl - W9PMZ

6734. Re: Service Menu Channels Questions

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-02-18 15:39:41 UTC
From: ve3tmt
Topic: 6733 Message: 6734

--- In TS-850_450_690@yahoogroups.com, "carl.bohman" <carl.bohman@...>
wrote:
>
> 1. When I enter the service mode (AIP+XIT+SCAN) my radio does not
> display Fd1E, is this a problem?
>
> 2. When I enter the service mode and rotate the M.CH/VFO CH to 03 and
> then use the up/down to scroll through the different memory channels do
> I need to depress another key to select that channel? The unit that I
> have stays at the frequency when I turned it off.
>
> 73,
>
> Carl - W9PMZ

Carl,

Which radio are you referring to?

Max
VE3TMT

6735. Re: Service Menu Channels Questions

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-02-18 18:04:38 UTC
From: carl.bohman
Topic: 6733 Message: 6735

--- In TS-850_450_690@yahoogroups.com, "ve3tmt" <ve3tmt@...> wrote:
>
> --- In TS-850_450_690@yahoogroups.com, "carl.bohman" <carl.bohman@>
> wrote:
> >
> > 1. When I enter the service mode (AIP+XIT+SCAN) my radio does
not
> > display Fd1E, is this a problem?
> >
> > 2. When I enter the service mode and rotate the M.CH/VFO CH to
03 and
> > then use the up/down to scroll through the different memory
channels do
> > I need to depress another key to select that channel? The unit
that I
> > have stays at the frequency when I turned it off.
> >
> > 73,
> >
> > Carl - W9PMZ
>
> Carl,
>
> Which radio are you referring to?
>
> Max
> VE3TMT
>
Now that's a good question!

Sorry I left out that information; it is for a TS-450SAT.

73,

Carl - W9PMZ

6736. Re: Service Menu Channels Questions

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-02-18 21:29:33 UTC
From: carl.bohman
Topic: 6733 Message: 6736

--- In TS-850_450_690@yahoogroups.com, "carl.bohman"
<carl.bohman@...> wrote:
>
> --- In TS-850_450_690@yahoogroups.com, "ve3tmt" <ve3tmt@> wrote:
> >
> > --- In TS-850_450_690@yahoogroups.com, "carl.bohman"
<carl.bohman@>
> > wrote:
> > >
> > > 1. When I enter the service mode (AIP+XIT+SCAN) my radio does
> not
> > > display Fd1E, is this a problem?
> > >
> > > 2. When I enter the service mode and rotate the M.CH/VFO CH to
> 03 and
> > > then use the up/down to scroll through the different memory
> channels do
> > > I need to depress another key to select that channel? The unit
> that I
> > > have stays at the frequency when I turned it off.
> > >
> > > 73,
> > >
> > > Carl - W9PMZ
> >
> > Carl,
> >
> > Which radio are you referring to?
> >
> > Max
> > VE3TMT
> >
> Now that's a good question!
>
> Sorry I left out that information; it is for a TS-450SAT.
>
> 73,
>
> Carl - W9PMZ
>
If your reading this thanks for your patience.

Still have a question about the digital word when entering service
manual, the manual says, Fd1E, mine says 862d. Is this am issue?

Next question, the manual indicates that AM max power is 40W. If this an automatic setting, or does it need to be set using the power and carrier controls?

Final question, the auto antenna tuner works OK, but when making a large change in frequency the power seems to drop and the auto tuner does not exit the tuning cycle. Suggestions?

I did manage to get the service manual channels (read the &*&* instuctions) and reset VR15 (IF board) and VR1 (filter board) to set the max power. This is the extent of the adjustments that I have made. Otherwise, the rig seems to be functioning as a ham radio. A little suspicious when I turned it on and the frequency display indicated 27MHz.....

73,

Carl - W9PMZ

6737. Re: Service Menu Channels Questions

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-02-19 00:49:05 UTC
From: ve3tmt
Topic: 6733 Message: 6737

--- In TS-850_450_690@yahoogroups.com, "carl.bohman" <carl.bohman@...>
wrote:

If your reading this thanks for your patience.

Still have a question about the digital word when entering service
manual, the manual says, Fd1E, mine says 862d. Is this am issue?

I believe this is the CHECKSUM ROM number and probably there are many
versions out there. This is an internal programming number probably
used by the Kenwood techs and can't be changed.

Next question, the manual indicates that AM max power is 40W. If
this an automatic setting, or does it need to be set using the power
and carrier controls?

YES YES YES. The 450 will put out 100W on AM. As per the manuals
instructions, the PWR control should be set for maximum and then
adjust the CAR level for 25W. Do not set it for 40W.

Final question, the auto antenna tuner works OK, but when making a
large change in frequency the power seems to drop and the auto tuner
does not exit the tuning cycle. Suggestions?

Make sure your CAR level is high enough. If the CAR level is too low,
the tuner will not stop.

I did manage to get the service manual channels (read the &*&*
instructions) and reset VR15 (IF board) and VR1 (filter board) to set
the max power. This is the extent of the adjustments that I have
made. Otherwise, the rig seems to be functioning as a ham radio. A
little suspicious when I turned it on and the frequency display
indicated 27MHz...........

Was the power out low to begin with? Do not set it for more than 100W
out on CW. Any extra you can squeeze out of it will not be noticeable
on the other end and you risk damaging the radio.

73,
Max
VE3TMT

6738. wo4o

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-02-20 16:01:13 UTC
From: tennis-see
Topic: 6738 Message: 6738

What could cause the following problematic symptoms with my TS-850S-AT?

When TX in CW mode, no/low power out on 28, 21, and 14 MHz.

(Other modes not tested but does put full power out on 7, 3.5, and 1.8 MHz.
No other problematic symptoms detected.)

TU/73, RiC
(615) 851-6857

[Non-text portions of this message have been removed]

6739. Re: wo4o

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-02-20 17:34:19 UTC
From: patrick40044
Topic: 6738 Message: 6739

mmm does the radio do any pwr on ssb on these bands ??
my 850 has same prob but on all modes
further investigating a working 850s when u go to topband then press up band to 10m u hear 7 relay clicks i only have 6 relay prob??
also i noticed that i have no att when atenuator is pressed sigs dissapear

there is quite a bit of info on this prob in the archives if u look and most point to leaky diode (s) on the rf board
hpe this can help
regards
paddy
MM1DHU

--- In TS-850_450_690@yahoogroups.com, "tennis-see" <wo4orap@...> wrote:
>
> What could cause the following problematic symptoms with my TS-850S-AT?
>
> When TX in CW mode, no/low power out on 28, 21, and 14 MHz.
>
> (Other modes not tested but does put full power out on 7, 3.5, and 1.8 MHz.
> No other problematic symptoms detected.)
>
> TU/73, RiC
> (615) 851-6857
>
>
>
> [Non-text portions of this message have been removed]
>

6740. Re: wo4o

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-02-20 18:07:50 UTC
From: patrick40044
Topic: 6738 Message: 6740

ric if u follow this link itl take u to the messages abt the prob

http://groups.yahoo.com/group/TS-850_450_690/message/6094

regards paddy
MM1DHU

--- In TS-850_450_690@yahoogroups.com, "tennis-see" <wo4orap@...>
wrote:
>
> What could cause the following problematic symptoms with my TS-
850S-AT?
>
> When TX in CW mode, no/low power out on 28, 21, and 14 MHz.
>
> (Other modes not tested but does put full power out on 7, 3.5, and
1.8 MHz.
> No other problematic symptoms detected.)
>
> TU/73, RiC
> (615) 851-6857
>
>
>
> [Non-text portions of this message have been removed]
>

6741. Re: [TS-850_450_690] wo4o

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-02-20 19:01:47 UTC
From: Mark, KJ7BS
Topic: 6738 Message: 6741

Before you start more complicated troubleshooting, check your carier control setting. Make sure it is deflecting in the ALC range when you transmit and adjust accordingly and check the power control setting as well.
--
Mark, KJ7BS
Glendale, AZ
Editor, The SKCC Centurion
Elecraft K2 S/N 0539
Fists # 2972 CC 1806
SKCC # 2240 C56 T20
MQFD # 128
QRP-ARCI # 12647
AZ ScQRPions
COGRC Emergency Communications

---- tennis-see <wo4orap@...> wrote:

==========
What could cause the following problematic symptoms with my TS-850S-AT?

When TX in CW mode, no/low power out on 28, 21, and 14 MHz.

(Other modes not tested but does put full power out on 7, 3.5, and 1.8 MHz.
No other problematic symptoms detected.)

TU/73, RiC
(615) 851-6857

[Non-text portions of this message have been removed]

--
Mark, KJ7BS
Glendale, AZ
Editor, The SKCC Centurion
Elecraft K2 S/N 0539
Fists # 2972 CC 1806
SKCC # 2240 C56 T20
MQFD # 128
QRP-ARCI # 12647
AZ ScQRPions
COGRC Emergency Communications

6742. RF/IF alignment on the 850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-02-23 05:35:55 UTC
From: kdrosenlund
Topic: 6742 Message: 6742

Hi everyone,

I recently hooked up my previous rig to the 850,
my Kenwood TS-680, and noticed something unusual.

Comparing radios, the RF/IF section in the 680 was giving
stronger signals. I could tell by the amount of quieting, plus the S reading
and volume setting.

Maybe I should touch up the RF and IF alignment, if I could I thought.
I have done this on other rigs, but there is some
equipment I don't have.

I do have a nice old Heathkit tube signal generator
that becomes pretty stable after an hour.
I have a RadioShack PC interface DMM,
as well as a freq. counter from them.
There's no scope or spectrum analyzer.

I suppose I can do adjustment 11.
In particular, adjustment 11-1, VR-17.
It says 'set prior to level dropping'. What does that mean?

I'm assuming I can't do adjustments 6, 7, 8-1 or 8-2 since I don't
have the equipment.

Any advice for a cheapskate twiddler is appreciated.

-Kit

6743. Re: [TS-850_450_690] RF/IF alignment on the 850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-02-23 06:43:34 UTC
From: ve3wej gmail
Topic: 6742 Message: 6743

i hope you have not actually set the attenuators or aip on the 850

to cause the reduced receive????

VE3WEJ
Dave Garber

10-X # 23465
echolink # 52852
irlp node 2202
email ve3wej@...
----- Original Message -----
From: kdrosenlund
To: TS-850_450_690@yahoogroups.com
Sent: Saturday, February 23, 2008 12:35 AM
Subject: [TS-850_450_690] RF/IF alignment on the 850

Hi everyone,

I recently hooked up my previous rig to the 850,
my Kenwood TS-680, and noticed something unusual.

Comparing radios, the RF/IF section in the 680 was giving
stronger signals. I could tell by the amount of quieting, plus the S reading
and volume setting.

Maybe I should touch up the RF and IF alignment, if I could I thought.
I have done this on other rigs, but there is some
equipment I don't have.

I do have a nice old Heathkit tube signal generator
that becomes pretty stable after an hour.
I have a RadioShack PC interface DMM,
as well as a freq. counter from them.
There's no scope or spectrum analyzer.

I suppose I can do adjustment 11.
In particular, adjustment 11-1, VR-17.
It says 'set prior to level dropping'. What does that mean?

I'm assuming I can't do adjustments 6, 7, 8-1 or 8-2 since I don't
have the equipment.

Any advice for a cheapskate twiddler is appreciated.

-Kit

[Non-text portions of this message have been removed]

6744. Re: RF/IF alignment on the 850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-02-23 16:28:10 UTC
From: kdrosenlund
Topic: 6742 Message: 6744

Yes, I have checked the controls.

--- In TS-850_450_690@yahoogroups.com, "ve3wej gmail" <ve3wej@...> wrote:
>
> i hope you have not actually set the attenuators or aip on the 850
>
> to cause the reduced receive????
>
>
> VE3WEJ
> Dave Garber
>

6745. Re: RF/IF alignment on the 850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-02-24 00:49:38 UTC
From: Clif
Topic: 6742 Message: 6745

If your 680 is receiving better than your 850 the 850 has a problem
and I'm 99% certain alignment won't cure it. The s-meter circuit in
the 850 is a bear to get right with the correct equipment, please
don't try with an uncalibrated signal generator.

The DMM should be the only piece of equipment you need to check the
most common problems which is leaky diodes in the BPF or a shorted
attenuator transistor in the front end.

Do you have the service manuals with the board layouts?

Clif

-- In TS-850_450_690@yahoogroups.com, "kdrosenlund" <kdrosenlund@...>
wrote:
>
> Hi everyone,
>
> I recently hooked up my previous rig to the 850,
> my Kenwood TS-680, and noticed something unusual.
>
> Comparing radios, the RF/IF section in the 680 was giving
> stronger signals. I could tell by the amount of quieting, plus the S
reading
> and volume setting.
>
> Maybe I should touch up the RF and IF alignment, if I could I thought.
> I have done this on other rigs, but there is some
> equipment I don't have.
>
> I do have a nice old Heathkit tube signal generator
> that becomes pretty stable after an hour.
> I have a RadioShack PC interface DMM,
> as well as a freq. counter from them.
> There's no scope or spectrum analyzer.
>
> I suppose I can do adjustment 11.
> In particular, adjustment 11-1, VR-17.
> It says 'set prior to level dropping'. What does that mean?
>
> I'm assuming I can't do adjustments 6, 7, 8-1 or 8-2 since I don't
> have the equipment.
>
> Any advice for a cheapskate twiddler is appreciated.
>
> -Kit

>

6746. Re: RF/IF alignment on the 850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-02-24 02:27:28 UTC
From: kdrosenlund
Topic: 6742 Message: 6746

Hi,

Yes I do have the service manual. I know s-meters can be off
and I don't care if it's super accurate.

The signals aren't TONS lower than the 680, but I should
think the 850 to have a much better front end, and the sound should
be pretty much thundering out the speaker with S9 +30 and the volume at 50%,
as it is in the TS-680.

Thanks and 73s,
Kit

6749. TS-850S by DUBUS

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-02-26 23:05:36 UTC
From: Samir Popaja
Topic: 6749 Message: 6749

I put the review of TS-850S by DJ9BV (DUBUS)in file section.

6750. Rotary encoder

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-02-27 00:54:49 UTC
From: SQ6MS Maciek
Topic: 6749 Message: 6750

Hi

I`m a new on the list and a fresh user of ts850.
Could anyone have some expirience about replacing a rotary encoder (main tuning dial- not the memory encoder) in ts850?
I buy my ts850 as used equipment and the encoder itself is not in a top notch condition.
I find only

Discont. W02-0855-05 ENCODER TS-950SD*USE ALTERNATE*
W02-1836-15 $51.03

From http://www.kenwoodparts.com/

It says this is TS950SD encoder.Is it equal to the original ts850 encoder? (original part number W02-0855-05)
Our local (polish) dealer of kenwood don`t bother about models below TS 570 :)

--
Vy 73 de Maciek ... --.- -.... -- ...

6751. Re: Rotary encoder

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-02-27 01:50:30 UTC
From: ve3tmt
Topic: 6749 Message: 6751

--- In TS-850_450_690@yahoogroups.com, SQ6MS Maciek <sq6ms@...> wrote:
>
>
> Hi
>
> I`m a new on the list and a fresh user of ts850.
> Could anyone have some expirience about replacing a rotary encoder
(main
> tuning dial- not the memory encoder) in ts850?
> I buy my ts850 as used equipment and the encoder itself is not in a top
> notch condition.
> I find only
>
> Discont. W02-0855-05 ENCODER TS-950SD*USE ALTERNATE*
> W02-1836-15 $51.03
>

From East Coast Transistor:

Alternate Part W02-1836-15 $68.33

Max
VE3TMT

6752. TS-450S and 850S info

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-02-27 19:10:12 UTC
From: Jordan
Topic: 6752 Message: 6752

Hi..I have a TS-450S with the first sign of a problem in 12 years....The display is starting to take a few minutes to come to full brightness...It's only noticeable if you're paying attention, but to me it's obvious.... Is this an aging cap or fading driver transistor...?

Also... Can someone suggest a point to begin checking a TS-850S that displays dots from 10 to 15 mhz...? Thanks for your input....73...Jordan.....

6753. Kenwood 3.0KHz SSB filter for sale

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-02-27 21:15:46 UTC
From: ve3tmt
Topic: 6753 Message: 6753

Not mine, but check out ad # 645670 on www.swap.qth.com

This filter swaps nicely with the stock 2.7 filter in the 850. Opens up the audio a little. Or will work wonders in your TS570.

Max

6754. Re: TS-450S and 850S info

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-02-27 21:17:26 UTC
From: ve3tmt
Topic: 6752 Message: 6754

--- In TS-850_450_690@yahoogroups.com, "Jordan" <Outposter30@...> wrote:
>
> Hi..I have a TS-450S with the first sign of a problem in 12
> years....The display is starting to take a few minutes to come to full
> brightness...It's only noticeable if you're paying attention, but to me
> it's obvious.... Is this an aging cap or fading driver transistor...?
>
> Also... Can someone suggest a point to begin checking a TS-850S that
> displays dots from 10 to 15 mhz...? Thanks for your
> input....73...Jordan.....
>

Jordan,

I'm sure someone in the group will have an answer for the display. It has been brought up many times. As for the "dots" you may have a VCO that needs realigning. Do you have the service manual?

Max
VE3TMT

6755. Re: TS-450S and 850S info

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-02-28 00:14:30 UTC
From: patrick40044
Topic: 6752 Message: 6755

hi well the 450 sounds like a done cap there is elec caps on the 850
that go and display takes time to come on so sounds like same thing

as for the 850 it sure sounds like the pll board we had 1 with same
prob check voltages on pll board im sure there s plenty info in the
archives of the group

goodluck

paddy
MM1DHU

--- In TS-850_450_690@yahoogroups.com, "ve3tmt" <ve3tmt@...> wrote:
>
> --- In TS-850_450_690@yahoogroups.com, "Jordan" <Outposter30@>
wrote:
> >
> > Hi..I have a TS-450S with the first sign of a problem in 12
> > years....The display is starting to take a few minutes to come
to full
> > brightness...It's only noticeable if you're paying attention,
but to me
> > it's obvious.... Is this an aging cap or fading driver
transistor...?
> >
> > Also... Can someone suggest a point to begin checking a TS-850S
that
> > displays dots from 10 to 15 mhz...? Thanks for your
> > input....73...Jordan.....
> >
>
> Jordan,
>
> I'm sure someone in the group will have an answer for the display.
It
> has been brought up many times. As for the "dots" you may have a
VCO
> that needs realigning. Do you have the service manual?
>
> Max
> VE3TMT
>

6756. Re: TS-450SAT CAT Interface.

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-02-28 16:08:06 UTC
From: Andrés Arrieta
Topic: 5786 Message: 6756

Hi,
I'm new to HAM radio so my questions may be kind of dumb. I got a
TS-450S/AT, till now very very very happy with it.
Thing is I want to start working digital modes, I get the interface
let's you control your rig with the PC but can you work digital modes
with it?
I've seen cables for that purpose on sale but if possible I'd like to
make it not buy it.
Something else, I see that the connection is to a TS-850 ACC1. My
connector is an ACC2, so I'd like to suppose it's all the same and
just connect it to the equivalent PINS... but you never know and I
don't want to burn my Radio since I have the tendency to burn and blow
things up.
thx,
XE1YAA

--- In TS-850_450_690@yahoogroups.com, "ve9xyz" <myfamilydotcom@...>
wrote:
>
> Terry I built my own interface just last year and published the plans
> for that little project in the files section of this group.

>
> I use Ham Radio Deluxe, Amateur Contact Log, and Kenwood Smart Memory
> Manager with my TS-450SAT and have had excellent results. Sure makes
> the hobby easy to work with.
>
> I see that you bought an interface, and it's on its way. Drop a
> message if you'd like any further help. QRZ.com has my coordinates.
>
> Kevin VE9-XYZ
>
>
> and --- In TS-850_450_690@...m, "dxspotter"
> <dxspotter@> wrote:
> >
> > Hello.
> > As a totally new owner and user of the TS-450 SAT
> transceiver and
> > member of this group may I ask what is no doubt a simple and very
> basic
> > question please.
> >
> > I would like to put my TS-450 under computer control,however I am
> not sure

> > that the radio will support computer control without adding
> additional
> > components !! My radio does have a 6 pin din plug on the side of
> the radio
> > which is meant for the CAT interface !!.
> >
> > The interface I am interested in is made here in the UK by Neil
> G4ZLP his
> > web site is www.g4zlp.co.uk clicking on the Kenwood cat link will
> take
> > persons to the appropriate page on the site - clicking on the more
> info link
> > then gives more information on additional components for the
> various Kenwood
> > radios that needs additional components fitting !! The TS-450 is
> not listed
> > in the list !! However to be sure I would be ok before ordering the
> > interface I mailed Neil direct to ask re the additional components I
> > received a reply back a short while saying he was not sure if the
> radio
> > needed the additional components hence the reason for this mail.
> >
> > The handbook / manual does refer to computer control but does not
> give any
> > set up advice e.g. Baud rate / parity etc.
> >
> > The serial number of my radio is 40700039.
> >
> > Any advice will be more than welcome.
> >
> > Thank You in Advance.
> >
> > 73s.
> >
> > Terry.
> >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>

6758. TS-440 Question

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-02-28 16:40:23 UTC
From: caludaj@charter.net
Topic: 6758 Message: 6758

I realize that this is a TS-690/850 Group but since I am a member of this group I thought I would try it here first.
I need to know from someone who has experience with a TS-440 if there is an easy way to tell if the rig has the antenna tuner installed?
Can you pull the cover and see it easily?
I inherited a 440 from an estate and am trying to determine if it has the tuner installed as the box says only TS-440s and has no "AT" on the box.
Thanks
Joe AA5HP

---- "Andrés Arrieta" <xe1yaa@...> wrote:
> Hi,
> I'm new to HAM radio so my questions may be kind of dumb. I got a
> TS-450S/AT, till now very very very happy with it.
> Thing is I want to start working digital modes, I get the interface
> let's you control your rig with the PC but can you work digital modes
> with it?
> I've seen cables for that purpose on sale but if possible I'd like to
> make it not buy it.
> Something else, I see that the connection is to a TS-850 ACC1. My
> connector is an ACC2, so I'd like to suppose it's all the same and
> just connect it to the equivalent PINS... but you never know and I
> don't want to burn my Radio since I have the tendency to burn and blow
> things up.
> thx,
> XE1YAA
>
>
> --- In TS-850_450_690@yahoogroups.com, "ve9xyz" <myfamilydotcom@...>
> wrote:
> >
> > Terry I built my own interface just last year and published the plans
> > for that little project in the files section of this group.
>
> >
> > I use Ham Radio Deluxe, Amateur Contact Log, and Kenwood Smart Memory
> > Manager with my TS-450SAT and have had excellent results. Sure makes
> > the hobby easy to work with.
> >
> > I see that you bought an interface, and it's on its way. Drop a
> > message if you'd like any further help. QRZ.com has my coordinates.
> >
> > Kevin VE9-XYZ
> >
> >

> > and --- In TS-850_450_690@yahoogroups.com, "dxspotter"
> > <dxspotter@> wrote:
> > >
> > > Hello.
> > > As a totally new owner and user of the TS-450 SAT
> > transceiver and
> > > member of this group may I ask what is no doubt a simple and very
> > basic
> > > question please.
> > >
> > > I would like to put my TS-450 under computer control,however I am
> > not sure
> > > that the radio will support computer control without adding
> > additional
> > > components !! My radio does have a 6 pin din plug on the side of
> > the radio
> > > which is meant for the CAT interface !!.
> > >
> > > The interface I am interested in is made here in the UK by Neil
> > G4ZLP his
> > > web site is www.g4zlp.co.uk clicking on the Kenwood cat link will
> > take
> > > persons to the appropriate page on the site - clicking on the more
> > info link
> > > then gives more information on additional components for the
> > various Kenwood
> > > radios that needs additional components fitting !! The TS-450 is
> > not listed
> > > in the list !! However to be sure I would be ok before ordering the
> > > interface I mailed Neil direct to ask re the additional components I
> > > received a reply back a short while saying he was not sure if the
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> > >
> > > The handbook / manual does refer to computer control but does not
> > give any
> > > set up advice e.g. Baud rate / parity etc.
> > >
> > > The serial number of my radio is 40700039.
> > >
> > > Any advice will be more than welcome.
> > >
> > > Thank You in Advance.
> > >
> > > 73s.
> > >
> > > Terry.
> > >
> > >
> > >

> > >
> > > [Non-text portions of this message have been removed]
> > >
> >
>
>

6759. Re: TS-440 Question

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-02-28 17:01:57 UTC
From: Clif
Topic: 6758 Message: 6759

Look in the cooling slots on the back right top. If you see something
it has a tuner, if there's empty space it doesn't. Or pick it up with
2 hands, one on each side, if it's balanced it has the tuner, if it's
heavy to the left it doesn't.

Clif

--- In TS-850_450_690@yahoogroups.com, <caludaj@...> wrote:
>
> I realize that this is a TS-690/850 Group but since I am a member of
this group I thought I would try it here first.
> I need to know from someone who has experience with a TS-440 if
there is an easy way to tell if the rig has the antenna tuner installed?
> Can you pull the cover and see it easily?
> I inherited a 440 from an estate and am trying to determine if it
has the tuner installed as the box says only TS-440s and has no "AT"
on the box.
> Thanks
> Joe AA5HP
>
> ---- "AndrÃ©s Arrieta" <xe1yaa@...> wrote:
> > Hi,
> > I'm new to HAM radio so my questions may be kind of dumb. I got a
> > TS-450S/AT, till now very very very happy with it.
> > Thing is I want to start working digital modes, I get the interface
> > let's you control your rig with the PC but can you work digital modes
> > with it?
> > I've seen cables for that purpose on sale but if possible I'd like to
> > make it not buy it.
> > Something else, I see that the connection is to a TS-850 ACC1. My
> > connector is an ACC2, so I'd like to suppose it's all the same and
> > just connect it to the equivalent PINS... but you never know and I
> > don't want to burn my Radio since I have the tendency to burn and blow
> > things up.
> > thx,
> > XE1YAA
> >
> >
> > --- In TS-850_450_690@yahoogroups.com, "ve9xyz" <myfamilydotcom@>
> > wrote:
> > >
> > > Terry I built my own interface just last year and published the
plans
> > > for that little project in the files section of this group.
> >

> > >
> > > I use Ham Radio Deluxe, Amateur Contact Log, and Kenwood Smart
Memory
> > > Manager with my TS-450SAT and have had excellent results. Sure
makes
> > > the hobby easy to work with.
> > >
> > > I see that you bought an interface, and it's on its way. Drop a
> > > message if you'd like any further help. QRZ.com has my coordinates.
> > >
> > > Kevin VE9-XYZ
> > >
> > >
> > > and --- In TS-850_450_690@yahoogroups.com, "dxspotter"
> > > <dxspotter@> wrote:
> > > >
> > > > Hello.
> > > > As a totally new owner and user of the TS-450 SAT
> > > transceiver and
> > > > member of this group may I ask what is no doubt a simple and very
> > > basic
> > > > question please.
> > > >
> > > > I would like to put my TS-450 under computer control,however I am
> > > not sure
> > > > that the radio will support computer control without adding
> > > additional
> > > > components !! My radio does have a 6 pin din plug on the side of
> > > the radio
> > > > which is meant for the CAT interface !!.
> > > >
> > > > The interface I am interested in is made here in the UK by Neil
> > > G4ZLP his
> > > > web site is www.g4zlp.co.uk clicking on the Kenwood cat link will
> > > take
> > > > persons to the appropriate page on the site - clicking on the
more
> > > info link
> > > > then gives more information on additional components for the
> > > various Kenwood
> > > > radios that needs additional components fitting !! The TS-450 is
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> > > > in the list !! However to be sure I would be ok before
ordering the
> > > > interface I mailed Neil direct to ask re the additional
components I
> > > > received a reply back a short while saying he was not sure if the
> > > radio
> > > > needed the additional components hence the reason for this mail.
> > > >

> > > > The handbook / manual does refer to computer control but does not
> > > give any
> > > > set up advice e.g. Baud rate / parity etc.
> > > >
> > > > The serial number of my radio is 40700039.
> > > >
> > > > Any advice will be more than welcome.
> > > >
> > > > Thank You in Advance.
> > > >
> > > > 73s.
> > > >
> > > > Terry.
> > > >
> > > >
> > > >
> > > >
> > > > [Non-text portions of this message have been removed]
> > > >
> > >
> >
> >
>

6760. Re: [TS-850_450_690] Re: TS-440 Question

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-02-28 17:50:46 UTC
From: caludaj@charter.net
Topic: 6758 Message: 6760

I took the cover off and there is no empty slot in front of the antenna connector all the way up to the front of the radio so I guess it must have the automatic tuner installed.
Thanks
Joe
AA5HP

---- Clif <clif@...> wrote:
> Look in the cooling slots on the back right top. If you see something
> it has a tuner, if there's empty space it doesn't. Or pick it up with
> 2 hands, one on each side, if it's balanced it has the tuner, if it's
> heavy to the left it doesn't.
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, <caludaj@...> wrote:
> >
> > I realize that this is a TS-690/850 Group but since I am a member of
> this group I thought I would try it here first.
> > I need to know from someone who has experience with a TS-440 if
> there is an easy way to tell if the rig has the antenna tuner installed?
> > Can you pull the cover and see it easily?
> > I inherited a 440 from an estate and am trying to determine if it
> has the tuner installed as the box says only TS-440s and has no "AT"
> on the box.
> > Thanks
> > Joe AA5HP
> >
> > ---- "AndrÃ©s Arrieta" <xe1yaa@...> wrote:
> > > Hi,
> > > I'm new to HAM radio so my questions may be kind of dumb. I got a
> > > TS-450S/AT, till now very very very happy with it.
> > > Thing is I want to start working digital modes, I get the interface
> > > let's you control your rig with the PC but can you work digital modes
> > > with it?
> > > I've seen cables for that purpose on sale but if possible I'd like to
> > > make it not buy it.
> > > Something else, I see that the connection is to a TS-850 ACC1. My
> > > connector is an ACC2, so I'd like to suppose it's all the same and
> > > just connect it to the equivalent PINS... but you never know and I
> > > don't want to burn my Radio since I have the tendency to burn and blow
> > > things up.
> > > thx,
> > > XE1YAA
> > >
> > >

> > > --- In TS-850_450_690@yahoogroups.com, "ve9xyz" <myfamilydotcom@>
> > > wrote:
> > > >
> > > > Terry I built my own interface just last year and published the
> plans
> > > > for that little project in the files section of this group.
> > > >
> > > >
> > > > I use Ham Radio Deluxe, Amateur Contact Log, and Kenwood Smart
> Memory
> > > > Manager with my TS-450SAT and have had excellent results. Sure
> makes
> > > > the hobby easy to work with.
> > > >
> > > > I see that you bought an interface, and it's on its way. Drop a
> > > > message if you'd like any further help. QRZ.com has my coordinates.
> > > >
> > > > Kevin VE9-XYZ
> > > >
> > > >
> > > > and --- In TS-850_450_690@yahoogroups.com, "dxspotter"
> > > > <dxspotter@> wrote:
> > > > >
> > > > > Hello.
> > > > > As a totally new owner and user of the TS-450 SAT
> > > > transceiver and
> > > > > member of this group may I ask what is no doubt a simple and very
> > > > basic
> > > > > question please.
> > > > >
> > > > > I would like to put my TS-450 under computer control,however I am
> > > > not sure
> > > > > that the radio will support computer control without adding
> > > > additional
> > > > > components !! My radio does have a 6 pin din plug on the side of
> > > > the radio
> > > > > which is meant for the CAT interface !!.
> > > > >
> > > > > The interface I am interested in is made here in the UK by Neil
> > > > G4ZLP his
> > > > > web site is www.g4zlp.co.uk clicking on the Kenwood cat link will
> > > > take
> > > > > persons to the appropriate page on the site - clicking on the
> more
> > > > info link
> > > > > then gives more information on additional components for the
> > > > various Kenwood
> > > > > radios that needs additional components fitting !! The TS-450 is
> > > > not listed
> > > > > in the list !! However to be sure I would be ok before

> ordering the
> > > > > interface I mailed Neil direct to ask re the additional
> components I
> > > > > received a reply back a short while saying he was not sure if the
> > > > radio
> > > > > needed the additional components hence the reason for this mail.
> > > > >
> > > > > The handbook / manual does refer to computer control but does not
> > > > give any
> > > > > set up advice e.g. Baud rate / parity etc.
> > > > >
> > > > > The serial number of my radio is 40700039.
> > > > >
> > > > > Any advice will be more than welcome.
> > > > >
> > > > > Thank You in Advance.
> > > > >
> > > > > 73s.
> > > > >
> > > > > Terry.
> > > > >
> > > > >
> > > > >
> > > > >
> > > > > [Non-text portions of this message have been removed]
> > > > >
> > > >
> > >
> > >
> >
>
>

6761. TS-850SAT forsale

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-02-28 18:00:05 UTC
From: bigfork04
Topic: 6761 Message: 6761

I have a TS-850SAT forsale. It has the 2.7 and 500 khz filters installed. I have no problems with this radio. I just received my new K3 and will not need the TS 850. Comes with hand mic orginal boxes, user manual and repair manual. Cost $725.00 Plus $35.00 shipping. I will pick up the rest of the shipping cost as I am located in Alaska.

6762. Re: TS-440 Question

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-02-28 19:18:56 UTC
From: ve3tmt
Topic: 6758 Message: 6762

--- In TS-850_450_690@yahoogroups.com, "Clif" <clif@...> wrote:
>
> Look in the cooling slots on the back right top. If you see something
> it has a tuner, if there's empty space it doesn't. Or pick it up with
> 2 hands, one on each side, if it's balanced it has the tuner, if it's
> heavy to the left it doesn't.
>
> Clif

Or you could try tuning an antenna as per the manual. If the SWR meter changes and you hear little motors going, it has a tuner.

6763. Re: [TS-850_450_690] Re: TS-450SAT CAT Interface.

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-02-28 22:03:33 UTC
From: ve3wej gmail
Topic: 5786 Message: 6763

digital modes are via sound card interface, not rig interface. the only thing your rig interface can do for you, would be key the rig, if the sound card interface does not....

VE3WEJ
Dave Garber

10-X # 23465
echolink # 52852
irlp node 2202
email ve3wej@...
----- Original Message -----
From: Andrés Arrieta
To: TS-850_450_690@yahoogroups.com
Sent: Thursday, February 28, 2008 11:08 AM
Subject: [TS-850_450_690] Re: TS-450SAT CAT Interface.

Hi,
I'm new to HAM radio so my questions may be kind of dumb. I got a TS-450S/AT, till now very very very happy with it.
Thing is I want to start working digital modes, I get the interface let's you control your rig with the PC but can you work digital modes with it?
I've seen cables for that purpose on sale but if possible I'd like to make it not buy it.
Something else, I see that the connection is to a TS-850 ACC1. My connector is an ACC2, so I'd like to suppose it's all the same and just connect it to the equivalent PINS... but you never know and I don't want to burn my Radio since I have the tendency to burn and blow things up.
thx,
XE1YAA

--- In TS-850_450_690@yahoogroups.com, "ve9xyz" <myfamilydotcom@...> wrote:
>
> Terry I built my own interface just last year and published the plans
> for that little project in the files section of this group.

>
> I use Ham Radio Deluxe, Amateur Contact Log, and Kenwood Smart Memory
> Manager with my TS-450SAT and have had excellent results. Sure makes
> the hobby easy to work with.
>
> I see that you bought an interface, and it's on its way. Drop a
> message if you'd like any further help. QRZ.com has my coordinates.
>

> Kevin VE9-XYZ
>
>
> and --- In TS-850_450_690@yahoogroups.com, "dxspotter"
> <dxspotter@> wrote:
> >
> > Hello.
> > As a totally new owner and user of the TS-450 SAT
> transceiver and
> > member of this group may I ask what is no doubt a simple and very
> basic
> > question please.
> >
> > I would like to put my TS-450 under computer control,however I am
> not sure
> > that the radio will support computer control without adding
> additional
> > components !! My radio does have a 6 pin din plug on the side of
> the radio
> > which is meant for the CAT interface !!.
> >
> > The interface I am interested in is made here in the UK by Neil
> G4ZLP his
> > web site is www.g4zlp.co.uk clicking on the Kenwood cat link will
> take
> > persons to the appropriate page on the site - clicking on the more
> info link
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> > radios that needs additional components fitting !! The TS-450 is
> not listed
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> > interface I mailed Neil direct to ask re the additional components I
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> radio
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> >
> > The handbook / manual does refer to computer control but does not
> give any
> > set up advice e.g. Baud rate / parity etc.
> >
> > The serial number of my radio is 40700039.
> >
> > Any advice will be more than welcome.
> >
> > Thank You in Advance.
> >
> > 73s.
> >
> > Terry.

> >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>

[Non-text portions of this message have been removed]

6764. Re: [TS-850_450_690] TS-440 Question

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-02-28 22:05:05 UTC
From: ve3wej gmail
Topic: 6758 Message: 6764

open it....look in the manual to see what you are looking for... if it isn't there, you dont have it, hi hi

VE3WEJ
Dave Garber

10-X # 23465
echolink # 52852
irlp node 2202
email ve3wej@...
----- Original Message -----
From: caludaj@...
To: TS-850_450_690@yahoogroups.com
Sent: Thursday, February 28, 2008 11:40 AM
Subject: [TS-850_450_690] TS-440 Question

I realize that this is a TS-690/850 Group but since I am a member of this group I thought I would try it here first.
I need to know from someone who has experience with a TS-440 if there is an easy way to tell if the rig has the antenna tuner installed?
Can you pull the cover and see it easily?
I inherited a 440 from an estate and am trying to determine if it has the tuner installed as the box says only TS-440s and has no "AT" on the box.
Thanks
Joe AA5HP

---- "Andrés Arrieta" <xe1yaa@yahoo.com> wrote:
> Hi,
> I'm new to HAM radio so my questions may be kind of dumb. I got a
> TS-450S/AT, till now very very very happy with it.
> Thing is I want to start working digital modes, I get the interface
> let's you control your rig with the PC but can you work digital modes
> with it?
> I've seen cables for that purpose on sale but if possible I'd like to
> make it not buy it.
> Something else, I see that the connection is to a TS-850 ACC1. My
> connector is an ACC2, so I'd like to suppose it's all the same and
> just connect it to the equivalent PINS... but you never know and I
> don't want to burn my Radio since I have the tendency to burn and blow
> things up.
> thx,
> XE1YAA
>
>
> --- In TS-850_450_690@yahoogroups.com, "ve9xyz" <myfamilydotcom@...>
> wrote:

> >
> > Terry I built my own interface just last year and published the plans
> > for that little project in the files section of this group.
>
> >
> > I use Ham Radio Deluxe, Amateur Contact Log, and Kenwood Smart Memory
> > Manager with my TS-450SAT and have had excellent results. Sure makes
> > the hobby easy to work with.
> >
> > I see that you bought an interface, and it's on its way. Drop a
> > message if you'd like any further help. QRZ.com has my coordinates.
> >
> > Kevin VE9-XYZ
> >
> >
> > and --- In TS-850_450_690@yahoogroups.com, "dxspotter"
> > <dxspotter@> wrote:
> > >
> > > Hello.
> > > As a totally new owner and user of the TS-450 SAT
> > transceiver and
> > > member of this group may I ask what is no doubt a simple and very
> > basic
> > > question please.
> > >
> > > I would like to put my TS-450 under computer control,however I am
> > not sure
> > > that the radio will support computer control without adding
> > additional
> > > components !! My radio does have a 6 pin din plug on the side of
> > the radio
> > > which is meant for the CAT interface !!.
> > >
> > > The interface I am interested in is made here in the UK by Neil
> > G4ZLP his
> > > web site is www.g4zlp.co.uk clicking on the Kenwood cat link will
> > take
> > > persons to the appropriate page on the site - clicking on the more
> > info link
> > > then gives more information on additional components for the
> > various Kenwood
> > > radios that needs additional components fitting !! The TS-450 is
> > not listed
> > > in the list !! However to be sure I would be ok before ordering the
> > > interface I mailed Neil direct to ask re the additional components I
> > > received a reply back a short while saying he was not sure if the
> > radio
> > > needed the additional components hence the reason for this mail.
> > >
> > > The handbook / manual does refer to computer control but does not

> > give any
> > > set up advice e.g. Baud rate / parity etc.
> > >
> > > The serial number of my radio is 40700039.
> > >
> > > Any advice will be more than welcome.
> > >
> > > Thank You in Advance.
> > >
> > > 73s.
> > >
> > > Terry.
> > >
> > >
> > >
> > >
> > > [Non-text portions of this message have been removed]
> > >
> >
>
>

[Non-text portions of this message have been removed]

6765. Re: TS-850SAT forsale

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-02-28 22:10:25 UTC
From: bigfork04
Topic: 6761 Message: 6765

--- In TS-850_450_690@yahoogroups.com, "bigfork04" <bigfork04@...>
wrote:
>
> I have a TS-850SAT forsale. It has the 2.7 and 500 khz filters
> installed. I have no problems with this radio. I just received my
new
> K3 and will not need the TS 850. Comes with hand mic orginal boxes,
> user manual and repair manual. Cost $725.00 Plus $35.00 shipping. I
> will pick up the rest of the shipping cost as I am located in Alaska.
>

bigfork04 at yahoo.com

6766. Re: [TS-850_450_690] Re: TS-440 Question

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-02-29 02:24:55 UTC
From: Tom Osborne
Topic: 6758 Message: 6766

Hi Joe

Can't you just push the 'tune' button and see if you hear anything going on?
When I push the 'tune' button on my '450SAT, it makes all sorts of racket.
73
Tom W7WHY

I realize that this is a TS-690/850 Group but since I am a member of
this group I thought I would try it here first.
> I need to know from someone who has experience with a TS-440 if
there is an easy way to tell if the rig has the antenna tuner installed?
> Can you pull the cover and see it easily?
> I inherited a 440 from an estate and am trying to determine if it
has the tuner installed as the box says only TS-440s and has no "AT"
on the box.
> Thanks
> Joe AA5HP

6767. TS-850S help

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-02-29 22:44:32 UTC
From: Jordan
Topic: 6767 Message: 6767

Hi...I have a Tech Special 850S here, and need some experienced advice....

The rig is dead from 7.5 to 14.499, with the .... etc display....

The "Select" line trace for that VCO is burned open , but all the components check out alright, and there are no hidden shorts anywhere...

The switching transistor Q6 for this line is also fine.

Could this have occurred due to a short on the digital board...?

It appears that the battery leaked at some point , and there are several jumpers installed and re-tinned traces, of which I wasn't told about prior to picking the rig up.....

Has anyone run across this problem...? 73...Jordan.....

6768. TS450Sat VOX stopped working

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-01 15:17:45 UTC
From: Gary
Topic: 6768 Message: 6768

Greetings All: I have had many good years from my rig and then this morning I went to work a little CW and she would not key the TX. I get the sidetone but no output. The VOX on SSB will not work either. I can get output in CW with the send/rx switch pushed on. I get normal SSB operation in PTT mode. I hope this is something someone has seen before.

I also scanned through some old posts and see much info on battery replacement. I can not think of when or ever this may have been done in my rig. What symptoms or problems arrise when the leaky or dead battery problem becomes apparent and requires attention.
Thanks All
All the Best
Gary/W9FNB

6769. Re: [TS-850_450_690] TS450Sat VOX stopped working

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-01 18:34:01 UTC
From: ve3wej gmail
Topic: 6768 Message: 6769

battery is only for memory channel backup....

I would check your gain for the vox, antivox, does it have a 'send' button , does it work

VE3WEJ
Dave Garber

10-X # 23465
echolink # 52852
irlp node 2202
email ve3wej@...
----- Original Message -----
From: Gary
To: TS-850_450_690@yahoogroups.com
Sent: Saturday, March 01, 2008 10:17 AM
Subject: [TS-850_450_690] TS450Sat VOX stopped working

Greetings All: I have had many good years from my rig and then this
morning I went to work a little CW and she would not key the TX. I get
the sidetone but no output. The VOX on SSB will not work either. I can
get output in CW with the send/rx switch pushed on. I get normal SSB
operation in PTT mode. I hope this is something someone has seen before.

I also scanned through some old posts and see much info on battery
replacement. I can not think of when or ever this may have been done in
my rig. What symptoms or problems arrise when the leaky or dead battery
problem becomes apparent and requires attention.
Thanks All
All the Best
Gary/W9FNB

[Non-text portions of this message have been removed]

6770. Re: TS-850S help

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-02 23:52:08 UTC
From: ve3tmt
Topic: 6767 Message: 6770

Jordan,

First off you will have to make sure that whatever "fixes" were made to the board were done properly. If all appears okay, check the voltages for VCO2 as follows:

On the PLL board, hook a digital volt meter between TP1 and ground and tune the radio to 7.500.00 MHz. The voltage at TP1 should be 2.3V plus or minus .03V, so anywhere from 2.27 to 2.33V is acceptable. If it is not reading in this range, adjust TC2 on the PLL board until an acceptable reading is obtained. Then tune the rig to 14.999.99. The voltage should now read somewhere between 6.0 to 8.0V.

Let us know how you make out.

Max
VE3TMT

6771. Re: [TS-850_450_690] Re: TS-850S help

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-03 00:15:35 UTC
From: Jordan
Topic: 6767 Message: 6771

Thanks Max... I'll be posting some pictures and a final assessment of the repairs that were needed to get the VCOs running properly.....Some people should learn to say no to making repairs if they can't do it properly.... hihi.... 73....Jordan....

----- Original Message -----
From: ve3tmt
To: TS-850_450_690@yahoogroups.com
Sent: Sunday, March 02, 2008 4:52 PM
Subject: [TS-850_450_690] Re: TS-850S help

Jordan,

First off you will have to make sure that whatever "fixes" were made
to the board were done properly. If all appears okay, check the
voltages for VCO2 as follows:

On the PLL board, hook a digital volt meter between TP1 and ground and
tune the radio to 7.500.00 MHz. The voltage at TP1 should be 2.3V plus
or minus .03V, so anywhere from 2.27 to 2.33V is acceptable. If it is
not reading in this range, adjust TC2 on the PLL board until an
acceptable reading is obtained. Then tune the rig to 14.999.99. The
voltage should now read somewhere between 6.0 to 8.0V.

Let us know how you make out.

Max
VE3TMT

[Non-text portions of this message have been removed]

6772. TS-850S/at repairs Pt. 1

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-03 03:21:56 UTC
From: Jordan
Topic: 6772 Message: 6772

This "Tech Special" was received with far more problems than I was originally informed of...

I had been told there was an intermittent PLL problem, and that on occasion it would display ..... and there seemed to be a problem in the VCO for that range.

Actually , the problem began prior to the VCO problem...
The original(?) battery had leaked on the digital board, and had eaten up several traces, which someone had tried to repair, but had done a very poor job all around. In fact, the replacement battery was found in the bottom of the rig floating around...!

I had to clean up the board , trace and jumper multiple points, test probably 40 circuit traces, then finally when I was happy with the results, I laid down 4 thin coats of conformal coating to protect the repaired lines... It still looks 'ugly' , but it's much better than it was....

Then I got to work on the PLL board, which had actually been worked on in much the same way as the digital board....At least as far as the VCO-B circuitry....Something had caused a trace to burn, but everything in the circuit checked out fine, so I repaired the trace, and replaced the trimmer cap for that VCO with what I had on hand, replaced the board and tested again.... Still no-go with the VCO...Reasoning the problem through, I checked the 8V lines for each VCO, and found that the resting voltage for VCO-B was around 5.5V instead of the 7.9V the others checked out at, So I went back to the active devices thinking one of them had to be leaking....and as it turned out, someone had removed D4 , and put in backwards...!

The diode was removed, and checked out of circuit, and re-installed in the right direction...! A quick re-install shows VCO-B up and running now, the PLL locks up just fine, but I'll go through a proper alignment tomorrow...
I'll add some pictures as well....

I suspect that the battery leakage and subsequent corrosion on the Digital caused a short, which, in turn, burned the trace on the PLL board.

Then someone with 2 left hands decided to try his luck at repairing it.

All's well that ends well..! 73...Jordan...

6773. Re: TS-850S/at repairs Pt. 1

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-03 04:06:06 UTC
From: Clif
Topic: 6772 Message: 6773

I can't think of a way in the world that a bad trace in the digital unit can cause a burned trace in the PLL unit. Think about it.

What I have found in several 850's is a screw in the wrong spot. Some of the screws are longer than others and if put in the wrong hole can cause a short and burn traces. The fan screws come to mind although they won't affect the PLL but they cause havoc with the RF and IF boards. Just a thought.

Clif

--- In TS-850_450_690@yahoogroups.com, "Jordan" <Outposter30@...> wrote:
>
> This "Tech Special" was received with far more problems than I was
> originally informed of...
>
> I had been told there was an intermittent PLL problem, and that on
> occasion it would display ..... and there seemed to be a problem in
> the VCO for that range.
>
> Actually , the problem began prior to the VCO problem...
> The original(?) battery had leaked on the digital board, and had
> eaten up several traces, which someone had tried to repair, but had
> done a very poor job all around. In fact, the replacement battery was
> found in the bottom of the rig floating around...!
>
> I had to clean up the board , trace and jumper multiple points, test
> probably 40 circuit traces, then finally when I was happy with the
> results, I laid down 4 thin coats of conformal coating to protect the
> repaired lines... It still looks 'ugly' , but it's much better than
> it was....
>
> Then I got to work on the PLL board, which had actually been worked
> on in much the same way as the digital board....At least as far as
> the VCO-B circuitry....Something had caused a trace to burn, but
> everything in the circuit checked out fine, so I repaired the trace,
> and replaced the trimmer cap for that VCO with what I had on hand,
> replaced the board and tested again.... Still no-go with the
> VCO...Reasoning the problem through, I checked the 8V lines for each
> VCO, and found that the resting voltage for VCO-B was around 5.5V
> instead of the 7.9V the others checked out at, So I went back to the
> active devices thinking one of them had to be leaking....and as it
> turned out, someone had removed D4 , and put in backwards...!
>
> The diode was removed, and checked out of circuit, and re-installed
> in the right direction...! A quick re-install shows VCO-B up and

> running now, the PLL locks up just fine, but I'll go through a proper
> alignment tomorrow...
> I'll add some pictures as well....
>
> I suspect that the battery leakage and subsequent corrosion on the
> Digital caused a short, which, in turn, burned the trace on the PLL
> board.
>
> Then someone with 2 left hands decided to try his luck at repairing
> it.
>
> All's well that ends well..! 73...Jordan...
>

6774. Re: [TS-850_450_690] Re: TS-850S/at repairs Pt. 1

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-03 13:10:10 UTC
From: Jordan
Topic: 6772 Message: 6774

Hi Clif... actually, I don't think it's from a bad trace, I think it's from a short either across the battery edges itself, (the battery was not properly installed) or a short in one or more of the traces... Several of the Dig Bd traces are part of the circuitry for VCO selection....
I can't see the short being in the VCO-B circuitry on the PLL board, as the components all test fine, and there is only the single burn in the trace, which was in the 8V line to VCO-B....

I don't think the diode being reversed could have burned the trace, but anything is possible in a multiple problem rig like this....73....Jordan....

----- Original Message -----
From: Clif
To: TS-850_450_690@yahoogroups.com
Sent: Sunday, March 02, 2008 9:06 PM
Subject: [TS-850_450_690] Re: TS-850S/at repairs Pt. 1

I can't think of a way in the world that a bad trace in the digital unit can cause a burned trace in the PLL unit. Think about it.

What I have found in several 850's is a screw in the wrong spot. Some of the screws are longer than others and if put in the wrong hole can cause a short and burn traces. The fan screws come to mind although they won't affect the PLL but they cause havoc with the RF and IF boards. Just a thought.

Clif

--- In TS-850_450_690@yahoogroups.com, "Jordan" <Outposter30@...> wrote:
>
> This "Tech Special" was received with far more problems than I was
> originally informed of...
>
> I had been told there was an intermittent PLL problem, and that on
> occasion it would display ..... and there seemed to be a problem in
> the VCO for that range.
>
> Actually , the problem began prior to the VCO problem...
> The original(?) battery had leaked on the digital board, and had
> eaten up several traces, which someone had tried to repair, but had
> done a very poor job all around. In fact, the replacement battery was
> found in the bottom of the rig floating around...!
>
> I had to clean up the board , trace and jumper multiple points, test
> probably 40 circuit traces, then finally when I was happy with the
> results, I laid down 4 thin coats of conformal coating to protect the

> repaired lines... It still looks 'ugly' , but it's much better than
> it was....
>
> Then I got to work on the PLL board, which had actually been worked
> on in much the same way as the digital board....At least as far as
> the VCO-B circuitry....Something had caused a trace to burn, but
> everything in the circuit checked out fine, so I repaired the trace,
> and replaced the trimmer cap for that VCO with what I had on hand,
> replaced the board and tested again.... Still no-go with the
> VCO...Reasoning the problem through, I checked the 8V lines for each
> VCO, and found that the resting voltage for VCO-B was around 5.5V
> instead of the 7.9V the others checked out at, So I went back to the
> active devices thinking one of them had to be leaking....and as it
> turned out, someone had removed D4 , and put in backwards...!
>
> The diode was removed, and checked out of circuit, and re-installed
> in the right direction...! A quick re-install shows VCO-B up and
> running now, the PLL locks up just fine, but I'll go through a proper
> alignment tomorrow...
> I'll add some pictures as well....
>
> I suspect that the battery leakage and subsequent corrosion on the
> Digital caused a short, which, in turn, burned the trace on the PLL
> board.
>
> Then someone with 2 left hands decided to try his luck at repairing
> it.
>
> All's well that ends well..! 73...Jordan...
>

[Non-text portions of this message have been removed]

6775. TS-440 Repair Help Needed

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-03 14:24:59 UTC
From: caludaj@charter.net
Topic: 6775 Message: 6775

Hey Guys,
I need to find a good quick Kenwood Service Center that will be able to fix my TS-440.
It will not power up at all.
Is there an internal fuse or Diode that might have opened up that I can check?
Thanks in advance for the recommendations.
Joe AA5HP

6776. Re: [TS-850_450_690] TS-440 Repair Help Needed

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-03 19:50:39 UTC
From: ve3wej gmail
Topic: 6775 Message: 6776

are you sure its not the power cord or the supply itself.. not even an led is lighting....????

try http://www.amateur-repairs.com/ very good on ts440s.. just be sure so you dont send it and find out the ps was dead

VE3WEJ
Dave Garber

10-X # 23465
echolink # 52852
irlp node 2202
email ve3wej@...
----- Original Message -----
From: caludaj@...
To: TS-850_450_690@yahoogroups.com
Sent: Monday, March 03, 2008 9:24 AM
Subject: [TS-850_450_690] TS-440 Repair Help Needed

Hey Guys,
I need to find a good quick Kenwood Service Center that will be able to fix my TS-440.
It will not power up at all.
Is there an internal fuse or Diode that might have opened up that I can check?
Thanks in advance for the recommendations.
Joe AA5HP

[Non-text portions of this message have been removed]

6777. Re: [TS-850_450_690] TS-440 Repair Help Needed

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-03 20:03:13 UTC
From: caludaj@charter.net
Topic: 6775 Message: 6777

Zilch!!!!!

---- ve3wej gmail <ve3wej@...> wrote:
> are you sure its not the power cord or the supply itself.. not even an led is lighting....????
>
> try http://www.amateur-repairs.com/ very good on ts440s.. just be sure so you dont send it and find out the ps was dead
>
>
> VE3WEJ
> Dave Garber
>
> 10-X # 23465
> echolink # 52852
> irlp node 2202
> email ve3wej@...
> ----- Original Message -----
> From: caludaj@...
> To: TS-850_450_690@yahoogroups.com
> Sent: Monday, March 03, 2008 9:24 AM
> Subject: [TS-850_450_690] TS-440 Repair Help Needed
>
>
> Hey Guys,
> I need to find a good quick Kenwood Service Center that will be able to fix my TS-440.
> It will not power up at all.
> Is there an internal fuse or Diode that might have opened up that I can check?
> Thanks in advance for the recommendations.
> Joe AA5HP
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

6778. Re: TS-440 Repair Help Needed

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-03 21:03:44 UTC
From: ve3tmt
Topic: 6775 Message: 6778

--- In TS-850_450_690@yahoogroups.com, <caludaj@...> wrote:
>
> Hey Guys,
> I need to find a good quick Kenwood Service Center that will be able
to fix my TS-440.
> It will not power up at all.
> Is there an internal fuse or Diode that might have opened up that I
can check?
> Thanks in advance for the recommendations.
> Joe AA5HP
>

Joe,

First thing to do is rule out the power supply. Have you tried it with another radio? Have you tried the 440 on another supply or 12V battery?

I once had the same thing happen to my 850. Thought the 850 had a dead short somewhere in the radio. I was all set to sell the radio as-is until I tried it on a car battery. The radio worked just fine. I assumed it was the radio because the supply was showing the proper voltage, however as soon as it was hooked up to the radio the current draw from the final amp transistors caused it to shut down.

Rule out the power source before the radio, it's cheaper to replace!

Max
VE3TMT

6779. Computer interface and control

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-03 22:49:30 UTC
From: kd4gqg
Topic: 6779 Message: 6779

I may be trying to reinvent the wheel here but I am looking to interface my TS-850 with my computer. I would like to have displayed the Band,frequency,time and possibly a spectrum display of the band I am working. I had heard this can be done but have only seen it work with an Icom 746. I love my 850 and really would like to have the interface feature without haveing to buy an Icom.
Has anyone done what I am trying to do? Thanks for any help.

6780. Re: [TS-850_450_690] Computer interface and control

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-03 23:37:32 UTC
From: Rob Frohne
Topic: 6779 Message: 6780

Hi,

It surely can be done. You can build your own RS-232 to TTL converter
or you can use a commercial one. I use Linux and Hamlib and the
programs that use that like Xlog. It works well.

73,

Rob, KL7NA
On Mon, 2008-03-03 at 22:49 +0000, kd4gqg wrote:
> I may be trying to reinvent the wheel here but I am looking to
> interface my TS-850 with my computer. I would like to have displayed
> the Band,frequency,time and possibly a spectrum display of the band I
> am working. I had heard this can be done but have only seen it work
> with an Icom 746. I love my 850 and really would like to have the
> interface feature without haveing to buy an Icom.
> Has anyone done what I am trying to do? Thanks for any help.
>
>
>
>
>

6781. Re: [TS-850_450_690] Re: TS-440 Repair Help Needed

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-03 23:40:36 UTC
From: caludaj@charter.net
Topic: 6775 Message: 6781

I put a VOM across the power supply and it shows 13.8 volts (Astron RSM 35) what I am going to do before I ship the thing off for repair is plug it in to the back of the 440 and check voltage across the pins on the inside of the radio.
If it is getting voltage all the way to the inside then something is wrong.
Joe
AA5HP

---- ve3tmt <ve3tmt@...> wrote:
> --- In TS-850_450_690@yahoogroups.com, <caludaj@...> wrote:
> >
> > Hey Guys,
> > I need to find a good quick Kenwood Service Center that will be able
> to fix my TS-440.
> > It will not power up at all.
> > Is there an internal fuse or Diode that might have opened up that I
> can check?
> > Thanks in advance for the recommendations.
> > Joe AA5HP
> >
>
> Joe,
>
> First thing to do is rule out the power supply. Have you tried it with
> another radio? Have you tried the 440 on another supply or 12V battery?
>
> I once had the same thing happen to my 850. Thought the 850 had a dead
> short somewhere in the radio. I was all set to sell the radio as-is
> until I tried it on a car battery. The radio worked just fine. I
> assumed it was the radio because the supply was showing the proper
> voltage, however as soon as it was hooked up to the radio the current
> draw from the final amp transistors caused it to shut down.
>
> Rule out the power source before the radio, it's cheaper to replace!
>
> Max
> VE3TMT
>

6782. Re: [TS-850_450_690] Computer interface and control

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-04 00:45:16 UTC
From: ve3wej gmail
Topic: 6779 Message: 6782

kenwood sells an interface (if you can find them) there are also several aftermarket ones, build your own or ready built.

as far as seeing everything you ask, not sure about spectrum display, but certainly band/mode... take a look at ham radio deluxe, most logging programs, ve3mis??? has a program specific for the 850.. try google search.

VE3WEJ
Dave Garber

10-X # 23465
echolink # 52852
irlp node 2202
email ve3wej@...
----- Original Message -----
From: kd4gqg
To: TS-850_450_690@yahoogroups.com
Sent: Monday, March 03, 2008 5:49 PM
Subject: [TS-850_450_690] Computer interface and control

I may be trying to reinvent the wheel here but I am looking to
interface my TS-850 with my computer. I would like to have displayed
the Band,frequency,time and possibly a spectrum display of the band I
am working. I had heard this can be done but have only seen it work
with an Icom 746. I love my 850 and really would like to have the
interface feature without haveing to buy an Icom.
Has anyone done what I am trying to do? Thanks for any help.

[Non-text portions of this message have been removed]

6783. Re: [TS-850_450_690] Re: TS-440 Repair Help Needed

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-04 00:42:36 UTC
From: ve3wej gmail
Topic: 6775 Message: 6783

power cord should have fuses in them (maybe even 2)

VE3WEJ
Dave Garber

10-X # 23465
echolink # 52852
irlp node 2202
email ve3wej@...
----- Original Message -----
From: caludaj@...
To: TS-850_450_690@yahoogroups.com
Cc: ve3tmt
Sent: Monday, March 03, 2008 6:40 PM
Subject: Re: [TS-850_450_690] Re: TS-440 Repair Help Needed

I put a VOM across the power supply and it shows 13.8 volts (Astron RSM 35) what I am going to do before I ship the thing off for repair is plug it in to the back of the 440 and check voltage across the pins on the inside of the radio.
If it is getting voltage all the way to the inside then something is wrong.
Joe
AA5HP

---- ve3tmt <ve3tmt@...> wrote:
> --- In TS-850_450_690@yahoogroups.com, <caludaj@...> wrote:
> >
> > Hey Guys,
> > I need to find a good quick Kenwood Service Center that will be able
> to fix my TS-440.
> > It will not power up at all.
> > Is there an internal fuse or Diode that might have opened up that I
> can check?
> > Thanks in advance for the recommendations.
> > Joe AA5HP
> >
>
> Joe,
>
> First thing to do is rule out the power supply. Have you tried it with
> another radio? Have you tried the 440 on another supply or 12V battery?
>
> I once had the same thing happen to my 850. Thought the 850 had a dead
> short somewhere in the radio. I was all set to sell the radio as-is
> until I tried it on a car battery. The radio worked just fine. I
> assumed it was the radio because the supply was showing the proper
> voltage, however as soon as it was hooked up to the radio the current

> draw from the final amp transistors caused it to shut down.
>
> Rule out the power source before the radio, it's cheaper to replace!
>
> Max
> VE3TMT
>

[Non-text portions of this message have been removed]

6784. Re: [TS-850_450_690] Computer interface and control

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-04 05:24:11 UTC
From: Tom Osborne
Topic: 6779 Message: 6784

Hi

Go to eBay and search for 'G4ZLP'. He makes a great cable that plugs from the radio to the computer. I have 3 of them here--2 for my TS-450SAT's and one for my Yaesu.

I use it with N1MM Logger and Ham Radio Deluxe.

They are very reasonable. Think I paid about $30, shipped. Took 6 days from the U.K. to Oregon. He really stands behind his product, too. 73
Tom W7WHY

>I may be trying to reinvent the wheel here but I am looking to
> interface my TS-850 with my computer. I would like to have displayed
> the Band,frequency,time and possibly a spectrum display of the band I
> am working. I had heard this can be done but have only seen it work
> with an Icom 746. I love my 850 and really would like to have the
> interface feature without haveing to buy an Icom.
> Has anyone done what I am trying to do? Thanks for any help.

6785. TS-850S parts needed

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-04 14:11:03 UTC
From: Jordan
Topic: 6785 Message: 6785

Hi... can someone point me in the right direction to buy some of the RLS-135 diodes, the glass surge supressor, and some of the VCO trimmer caps...? I'm in Calgary Canada.... Please let me know what you can.... 73....Jordan....

6786. Re: Computer interface and control

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-05 02:35:45 UTC
From: Dan Janda
Topic: 6779 Message: 6786

G4ZLP's E-Bay note for the Kenwood interface talks about 790s and 850s possibly needing two ICs -- as part of

" The TS50, TS60, TS690, TS790 TS850 and TS960 require the IF10-D. It seems that the vast majority of TS450s and TS850s have these prefitted."

Basically a pair of ICs to be added to the radio.

I thought I understood my TS-850 SAT and TS-790 already had everything but the interface cable/level converter which he sells.

Any comments?

Dan AA3LS

--- In TS-850_450_690@yahoogroups.com, "Tom Osborne" <w7why@...> wrote:
>
> Hi
>
> Go to eBay and search for 'G4ZLP'. He makes a great cable that plugs from
> the radio to the computer. I have 3 of them here--2 for my TS-450SAT's and
> one for my Yaesu.
>
> I use it with N1MM Logger and Ham Radio Deluxe.
>
> They are very reasonable. Think I paid about $30, shipped. Took 6 days
> from the U.K. to Oregon. He really stands behind his product, too. 73
> Tom W7WHY
>
>
> >I may be trying to reinvent the wheel here but I am looking to
> > interface my TS-850 with my computer. I would like to have displayed
> > the Band,frequency,time and possibly a spectrum display of the band I
> > am working. I had heard this can be done but have only seen it work
> > with an Icom 746. I love my 850 and really would like to have the
> > interface feature without haveing to buy an Icom.
> > Has anyone done what I am trying to do? Thanks for any help.
>

6787. Re: Computer interface and control

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-05 02:51:52 UTC
From: Roland Spoon
Topic: 6779 Message: 6787

Aloha Dan,
All the 850's and 450's have everything installed just plug in the interface and go.

Roland AH6RR

--- In TS-850_450_690@yahoogroups.com, "Dan Janda" <birchardvilleobservatory@...> wrote:
>
> G4ZLP's E-Bay note for the Kenwood interface talks about 790s and 850s
> possibly needing two ICs -- as part of
>
> " The TS50, TS60, TS690, TS790 TS850 and TS960 require the IF10-D.
> It seems that the vast majority of TS450s and TS850s have these
> prefitted."
>
> Basically a pair of ICs to be added to the radio.
>
> I thought I understood my TS-850 SAT and TS-790 already had everything
> but the interface cable/level converter which he sells.
>
> Any comments?
>
> Dan AA3LS
>
> --- In TS-850_450_690@yahoogroups.com, "Tom Osborne" <w7why@> wrote:
> >
> > Hi
> >
> > Go to eBay and search for 'G4ZLP'. He makes a great cable that plugs from
> > the radio to the computer. I have 3 of them here--2 for my TS-450SAT's and
> > one for my Yaesu.
> >
> > I use it with N1MM Logger and Ham Radio Deluxe.
> >
> > They are very reasonable. Think I paid about $30, shipped. Took 6 days
> > from the U.K. to Oregon. He really stands behind his product, too. 73
> > Tom W7WHY

> >
> >
> > >I may be trying to reinvent the wheel here but I am looking to
> > > interface my TS-850 with my computer. I would like to have
displayed
> > > the Band,frequency,time and possibly a spectrum display of the
band I
> > > am working. I had heard this can be done but have only seen it
work
> > > with an Icom 746. I love my 850 and really would like to have
the
> > > interface feature without haveing to buy an Icom.
> > > Has anyone done what I am trying to do? Thanks for any help.
> >
>

6788. Re: Computer interface and control

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-05 04:01:26 UTC
From: Dan Janda
Topic: 6779 Message: 6788

Aloha and Thanks!

Dan
AA3LS

--- In TS-850_450_690@yahoogroups.com, "Roland Spoon" <Toesonnose@...>
wrote:
>
> Aloha Dan,
> All the 850's and 450's have everything installed just plug in the
> interface and go.
>
> Roland AH6RR
>
>
> --- In TS-850_450_690@yahoogroups.com, "Dan Janda"
> <birchardvilleobservatory@> wrote:
> >
> > G4ZLP's E-Bay note for the Kenwood interface talks about 790s and
> 850s
> > possibly needing two ICs -- as part of
> >
> > " The TS50, TS60, TS690, TS790 TS850 and TS960 require the IF10-D.
> > It seems that the vast majority of TS450s and TS850s have these
> > prefitted."
> >
> > Basically a pair of ICs to be added to the radio.
> >
> > I thought I understood my TS-850 SAT and TS-790 already had
> everything
> > but the interface cable/level converter which he sells.
> >
> > Any comments?
> >
> > Dan AA3LS
> >
> > --- In TS-850_450_690@yahoogroups.com, "Tom Osborne" <w7why@> wrote:
> > >
> > > Hi
> > >
> > > Go to eBay and search for 'G4ZLP'. He makes a great cable that
> > plugs from
> > > the radio to the computer. I have 3 of them here--2 for my
> > TS-450SAT's and
> > > one for my Yaesu.

> > >
> > > I use it with N1MM Logger and Ham Radio Deluxe.
> > >
> > > They are very reasonable. Think I paid about $30, shipped. Took
> 6
> > days
> > > from the U.K. to Oregon. He really stands behind his product,
> too. 73
> > > Tom W7WHY
> > >
> > >
> > > >I may be trying to reinvent the wheel here but I am looking to
> > > > interface my TS-850 with my computer. I would like to have
> displayed
> > > > the Band,frequency,time and possibly a spectrum display of the
> band I
> > > > am working. I had heard this can be done but have only seen it
> work
> > > > with an Icom 746. I love my 850 and really would like to have
> the
> > > > interface feature without haveing to buy an Icom.
> > > > Has anyone done what I am trying to do? Thanks for any help.
> > >
> >
>

6789. Re: [TS-850_450_690] Re: Computer interface and control

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-05 03:02:23 UTC
From: Mike Blazek
Topic: 6779 Message: 6789

Dan Janda wrote:
>
> G4ZLP's E-Bay note for the Kenwood interface talks about 790s and 850s
> possibly needing two ICs -- as part of
>
> " The TS50, TS60, TS690, TS790 TS850 and TS960 require the IF10-D.
> It seems that the vast majority of TS450s and TS850s have these
> prefitted."
>
> Basically a pair of ICs to be added to the radio.
>
> I thought I understood my TS-850 SAT and TS-790 already had everything
> but the interface cable/level converter which he sells.
>
> Any comments?
>
> Dan AA3LS
>

Hi, Dan:

I have both a TS-690 and TS-790, and they didn't need anything beyond
the external interface (I use the one made by Piexx)

73,
Mike N5UKZ

6790. Re: [TS-850_450_690] Re: Computer interface and control

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-05 20:18:03 UTC
From: ve3wej gmail
Topic: 6779 Message: 6790

ts440 and the 940 era had ic10/ CHIPS NEEDED ADDING

i run both the 850 and 790 here and use the if232c kenwood interfaces... (the price was right)

VE3WEJ
Dave Garber

10-X # 23465
echolink # 52852
irlp node 2202
email ve3wej@...
----- Original Message -----
From: Dan Janda
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, March 04, 2008 9:35 PM
Subject: [TS-850_450_690] Re: Computer interface and control

G4ZLP's E-Bay note for the Kenwood interface talks about 790s and 850s possibly needing two ICs -- as part of

" The TS50, TS60, TS690, TS790 TS850 and TS960 require the IF10-D. It seems that the vast majority of TS450s and TS850s have these prefitted."

Basically a pair of ICs to be added to the radio.

I thought I understood my TS-850 SAT and TS-790 already had everything but the interface cable/level converter which he sells.

Any comments?

Dan AA3LS

--- In TS-850_450_690@yahoogroups.com, "Tom Osborne" <w7why@...> wrote:
>
> Hi
>
> Go to eBay and search for 'G4ZLP'. He makes a great cable that plugs from
> the radio to the computer. I have 3 of them here--2 for my TS-450SAT's and
> one for my Yaesu.
>
> I use it with N1MM Logger and Ham Radio Deluxe.
>
> They are very reasonable. Think I paid about $30, shipped. Took 6

days
> from the U.K. to Oregon. He really stands behind his product, too. 73
> Tom W7WHY
>
>
> >I may be trying to reinvent the wheel here but I am looking to
> > interface my TS-850 with my computer. I would like to have displayed
> > the Band,frequency,time and possibly a spectrum display of the band I
> > am working. I had heard this can be done but have only seen it work
> > with an Icom 746. I love my 850 and really would like to have the
> > interface feature without haveing to buy an Icom.
> > Has anyone done what I am trying to do? Thanks for any help.
>

[Non-text portions of this message have been removed]

6791. Re: Computer interface and control

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-07 02:31:01 UTC
From: Dan Janda
Topic: 6779 Message: 6791

Two of G4ZLP's interfaces are en-route. Thanks for the comments and pointers. Next is either a second RS232 port or a RS232 to USB converter. (another idea is a switch between the two interfaces, but I plan to use both simultaneously at times)

Dan AA3LS

--- In TS-850_450_690@yahoogroups.com, "ve3wej gmail" <ve3wej@...> wrote:
>
> ts440 and the 940 era had ic10/ CHIPS NEEDED ADDING
>
> i run both the 850 and 790 here and use the if232c kenwood interfaces... (the price was right)
>
>
> VE3WEJ
> Dave Garber
>
> 10-X # 23465
> echolink # 52852
> irlp node 2202
> email ve3wej@...
> ----- Original Message -----
> From: Dan Janda
> To: TS-850_450_690@yahoogroups.com
> Sent: Tuesday, March 04, 2008 9:35 PM
> Subject: [TS-850_450_690] Re: Computer interface and control
>
>
> G4ZLP's E-Bay note for the Kenwood interface talks about 790s and 850s
> possibly needing two ICs -- as part of
>
> " The TS50, TS60, TS690, TS790 TS850 and TS960 require the IF10-D.
> It seems that the vast majority of TS450s and TS850s have these
> prefitted."
>
> Basically a pair of ICs to be added to the radio.
>
> I thought I understood my TS-850 SAT and TS-790 already had everything
> but the interface cable/level converter which he sells.
>
> Any comments?
>
> Dan AA3LS
>

> --- In TS-850_450_690@yahoogroups.com, "Tom Osborne" <w7why@> wrote:
> >
> > Hi
> >
> > Go to eBay and search for 'G4ZLP'. He makes a great cable that
> plugs from
> > the radio to the computer. I have 3 of them here--2 for my
> TS-450SAT's and
> > one for my Yaesu.
> >
> > I use it with N1MM Logger and Ham Radio Deluxe.
> >
> > They are very reasonable. Think I paid about $30, shipped. Took 6
> days
> > from the U.K. to Oregon. He really stands behind his product,
too. 73
> > Tom W7WHY
> >
> >
> > >I may be trying to reinvent the wheel here but I am looking to
> > > interface my TS-850 with my computer. I would like to have
displayed
> > > the Band,frequency,time and possibly a spectrum display of the
band I
> > > am working. I had heard this can be done but have only seen it
work
> > > with an Icom 746. I love my 850 and really would like to have the
> > > interface feature without haveing to buy an Icom.
> > > Has anyone done what I am trying to do? Thanks for any help.
> >
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

6792. 850S 450S Surge suppressor info

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-07 00:23:25 UTC
From: Jordan
Topic: 6792 Message: 6792

Can anyone tell me what resistance I should measure across the surge suppressor diode...? My 850Ss diode measures 47k... I haven't checked the 450S yet.....Thanks for your time..73...Jordan...

6793. Re: 850S 450S Surge suppressor info

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-07 03:22:14 UTC
From: Clif
Topic: 6792 Message: 6793

You're measuring R24,25 (100k each). The surge suppressor should be infinite. Best way is look at it. It should be clear and the element inside should be a uniform color. Any discoloration of the element or mirroring of the glass indicates it has been working. Might be time to replace.

Clif

--- In TS-850_450_690@yahoogroups.com, "Jordan" <Outposter30@...> wrote:
>
> Can anyone tell me what resistance I should measure across the surge
> suppressor diode...? My 850Ss diode measures 47k... I haven't checked
> the 450S yet.....Thanks for your time..73...Jordan...
>

6794. TS-850S 22-30 mhz receive

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-07 17:41:06 UTC
From: Jordan
Topic: 6794 Message: 6794

Hi again... I have noticed that when connected to the dummy load, the noise background drops noticeably when the rig passes the 22.000 Mhz point. I understand that there is a separate rf amp for < 22 and > 22 Mhz, but is this drop in noise output normal...? I see that L-50 and L-51 are for adjustment for > 22Mhz, but there doesn't seem to be a mention of these points in the service manual....
Yes, I have checked that the AIP is off throughout the 0-30 mhz range when I did the checking.... Any ideas out there...? 73...Jordan...

6795. Re: TS-850S 22-30 mhz receive

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-07 20:18:41 UTC
From: ve3tmt
Topic: 6794 Message: 6795

--- In TS-850_450_690@yahoogroups.com, "Jordan" <Outposter30@...> wrote:
>
> Hi again... I have noticed that when connected to the dummy load, the
> noise background drops noticeably when the rig passes the 22.000 Mhz
> point. I understand that there is a separate rf amp for < 22 and > 22
> Mhz, but is this drop in noise output normal...? I see that L-50 and L-
> 51 are for adjustment for > 22Mhz, but there doesn't seem to be a
> mention of these points in the service manual....
> Yes, I have checked that the AIP is off throughout the 0-30 mhz range
> when I did the checking.... Any ideas out there...? 73...Jordan...

I'm watching this thread as my 850 does the same thing. Drops from 22
to 23.5 MHz or so then gradually comes back up. 12m reception is fine.
On a quiet day with no signal there is no s-meter showing on the
radio, but on 24 MHz I usually get about an s-3 noise level.

Max
VE3TMT

6796. Re: TS-850S 22-30 mhz receive

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-07 21:43:32 UTC
From: Jordan
Topic: 6794 Message: 6796

Well.... Just out of curiousity, and while I was looking for an online source for the 3SK131 FET for the 22-30 Mhz, I thought I'd try the same test on my TS-450S as I was performing on my TS-850S. and much to my surprise,(at first) they exhibit the same characteristic when switching to the High band preamp.
The 450S switches at 21.500 Mhz, the 850S at 22.000 Mhz.

Both radios drop off in "apparent" gain, but because the high-band pre-amps have such a low noise figure, they are perhaps even more sensitive above 22 Mhz than below, which would take advantage of the lower general noise level as you approach 30Mhz (or that's how it used to be anyway...!).

In fact, on both radios you can see for yourself, that the S/N ratio goes DOWN when you use the AIP function above the switching point.

It's a strange result, and you should try it to see what I mean... at 21.999 (or 21.499 Mhz) turn the AIP OFF , then ON and verify that the noise level goes down with the AIP ON.

It's simplified on the 450, as it has a front panel level meter with a 30+dB range and makes weak signal S/N testing and some alignment details very easy to perform.

I'm talking about a terminated in 50 ohm noise level right now, and I'll comment again when I can compare the 2 radios more closely. They seem to be much more similiar than I originally thought.

For now, I'm going to assume the 850 is working properly, at least in the receive section... 73...Jordan....

6797. Re: TS-850S 22-30 mhz receive

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-07 22:00:53 UTC
From: Jordan
Topic: 6794 Message: 6797

P.S.......I did check all the diodes on the rf board for leakage...I even lifted one end of a few of them that were in circuits that made it necessary....agn 73.... Jordan...

--- In TS-850_450_690@yahoogroups.com, "Jordan" <Outposter30@...> wrote:
>
> Well.... Just out of curiousity, and while I was looking for an
> online source for the 3SK131 FET for the 22-30 Mhz, I thought I'd try
> the same test on my TS-450S as I was performing on my TS-850S. and
> much to my surprise,(at first) they exhibit the same characteristic
> when switching to the High band preamp.
> The 450S switches at 21.500 Mhz, the 850S at 22.000 Mhz.
>
> Both radios drop off in "apparent" gain, but because the high-band
> pre-amps have such a low noise figure, they are perhaps even more
> sensitive above 22 Mhz than below, which would take advantage of the
> lower general noise level as you approach 30Mhz (or that's how it
> used to be anyway...!).
>
> In fact, on both radios you can see for yourself, that the S/N ratio
> goes DOWN when you use the AIP function above the switching point.
>
>
> It's a strange result, and you should try it to see what I mean... at
> 21.999 (or 21.499 Mhz) turn the AIP OFF , then ON and verify that
> the noise level goes down with the AIP ON.
>
> It's simplified on the 450, as it has a front panel level meter with
> a 30+dB range and makes weak signal S/N testing and some alignment
> details very easy to perform.
>
> I'm talking about a terminated in 50 ohm noise level right now, and
> I'll comment again when I can compare the 2 radios more closely.
> They seem to be much more similiar than I originally thought.
>
> For now, I'm going to assume the 850 is working properly, at least in
> the receive section... 73...Jordan....

>

6798. Re: TS-850S 22-30 mhz receive

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-08 14:58:38 UTC
From: ve3tmt
Topic: 6794 Message: 6798

Hi Jordan,

I recall my FT920 doing exactly the same thing, and I believe that radio also incorporates separate RF amp transistors for the higher bands, although on the FT920 you could select by menu which amp you wanted to use for which band.

Thanks for the info.

Max
VE3TMT

6799. TS850 CAT command for antenna tuner??

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-08 15:40:11 UTC
From: ve3tmt
Topic: 6799 Message: 6799

I know the TS870 will do it, but wondering if the 850's tuner can be activated from the keyboard thru a CAT command. Anyone tried?

Max
VE3TMT

6800. Re: [TS-850_450_690] TS850 CAT command for antenna tuner??

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-08 17:11:06 UTC
From: Ron Potter
Topic: 6799 Message: 6800

"Supposedly" the commands are consist across models. The TS-2000 manual
show an AC command to deal with internal tuner. Below - semi-colon denoted
end of command.

Read is AC;

Set is AC P1 P2 P3; where
P1 - 0=RX-AT Thru and 1=RX-AT In
P2 - 0=TX-AT Thru and 1-TX-AT In
P3 - 0=Stop Tuning(set) or Tuning is stopped(answer) 1=Start
tuning(set) or Tuning is active(answer)
2=Tuning cannot be completed

Answer is AC P1 P2 P3;

Hope this helps

73 de Ron - AG1P

On Sat, Mar 8, 2008 at 9:40 AM, ve3tmt <ve3tmt@...> wrote:

> I know the TS870 will do it, but wondering if the 850's tuner can be
> activated from the keyboard thru a CAT command. Anyone tried?
>
> Max
> VE3TMT
>
>
>

[Non-text portions of this message have been removed]

6801. Kenwood Manual Swap

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-08 17:03:31 UTC
From: Jordan
Topic: 6801 Message: 6801

Hi..I have an excellent condition original service manual for the TS-711/811A 2 and 432 transceivers. I'd like to swap it for the Service manual in the same condition for the TS-850S....73...Jordan....

6802. Re: TS850 CAT command for antenna tuner??

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-08 18:08:42 UTC
From: ve3tmt
Topic: 6799 Message: 6802

--- In TS-850_450_690@yahoogroups.com, "Ron Potter" <ronpotter@...> wrote:
>
> "Supposedly" the commands are consist across models.

Hi Ron,

Saw that in the TS2000 manual. Both the TS870 and TS2000 have menu settings to enable the tuner in receive mode. Although I have modded my 850 to do so, I wonder if the commands are specific to those models. Still not sure how to activate the tuner. For example if I send the following:

CATCMD:FA00070000;

The rig switches to 7 Mhz. Not sure about the "P" parameters in the tuner line though and how to incorporate them into a CMD line.

Max
VE3TMT

6803. Re: [TS-850_450_690] Re: TS850 CAT command for antenna tuner??

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-08 21:50:20 UTC
From: Ron Potter
Topic: 6799 Message: 6803

Hi Max,

I don't have CAT interface to my 850 yet so can't try this out. Probably easiest way to tell if the 850 accepts the command is to send -

CATCMD:AC;

If it is accepted and you get a response, AC command works on 850. If it is rejected, you know that 850 doesn't support it.

If it accepts it, think the string to activate tuner would be

CATCMD:AC011;

Which would set tuner to auto, then start tune. Assume once it finished it would send you an AC010 if it completed or an AC012 if it couldn't find a match.

Since the 850 did not originally have RX tune, guess it's possible that the command only has 2 parameters, one to switch between thru and auto, and second parameter to start, stop tuner.

Wish I could be of more help. Also wish it was standard across manufacturers - both on commands and capabilities.

73 - Ron - AG1P

On Sat, Mar 8, 2008 at 12:08 PM, ve3tmt <ve3tmt@...> wrote:

> --- In TS-850_450_690@yahoogroups.com <TS-850_450_690%40yahoogroups.com>,
> "Ron Potter" <ronpotter@...> wrote:
> >
> > "Supposedly" the commands are consist across models.
>
> Hi Ron,
>
> Saw that in the TS2000 manual. Both the TS870 and TS2000 have menu
> settings to enable the tuner in receive mode. Although I have modded
> my 850 to do so, I wonder if the commands are specific to those
> models. Still not sure how to activate the tuner. For example if I
> send the following:
>
> CATCMD:FA00070000;
>
> The rig switches to 7 Mhz. Not sure about the "P" parameters in the
> tuner line though and how to incorporate them into a CMD line.
>
> Max

> VE3TMT
>
>
>

[Non-text portions of this message have been removed]

6804. Re: [TS-850_450_690] Kenwood Manual Swap

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-08 23:29:19 UTC
From: Larry Kunz
Topic: 6801 Message: 6804

It's not a manual, but you can find the schematics here:
http://hamradio.online.ru/ftp3/dw.php?TS-850sSchematics.zip

Larry - WA5KBQ

At 11:03 AM 3/8/2008, you wrote:
>Hi..I have an excellent condition original service manual for the
>TS-711/811A 2 and 432 transceivers. I'd like to swap it for the Service
>manual in the same condition for the TS-850S....73...Jordan....
>
>
>
>
>THANKS FOR USING TS-850_450_690@...
>Yahoo! Groups Links
>
>
>

[Non-text portions of this message have been removed]

6805. Re: [TS-850_450_690] Kenwood Manual Swap

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-08 23:49:25 UTC
From: Larry Kunz
Topic: 6801 Message: 6805

Goofed - didn't look far enough down the list
http://hamradio.online.ru/ftp3/dw.php?TS-850sServiceManual.zip

[Non-text portions of this message have been removed]

6806. TS-711A Manual Swap

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-09 00:45:20 UTC
From: Jordan
Topic: 6806 Message: 6806

Hi... I've been overindulged in pdf offers etc for the 850S manual, but I am after an original... I have a downloaded version, but I need the multi-colored diagrams...Thanks very much for the offers though...!
73...Jordan....

6809. FS Kenwood TS850SAT

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-10 00:38:10 UTC
From: Clif
Topic: 6809 Message: 6809

I have been asked to dispose of a SK's estate. I thought I would give this group first shot at this part of it.

Kenwood TS850SAT SN 30100xxx It has the VS-2 Voice Synthesizer and the DRU-2 Digital Recording unit. I checked the battery for leakage and all is good. It comes with the stock hand mike, power cord, and W7FG copy of owners manual. It works fine. Non-Smoker Asking $750 plus ship, no original box.

Kenwood PS-52 Power Supply SN 511000xx This is the matching supply for the TS850 Asking $125 plus ship, no original box

Kenwood SP950, sorta matches the 850 Has 2 inputs and line out plus headphone jack. It has 2 High Filters and 1 Low. $100 plus ship

Kenwood YK88SN-1 Plug-in narrow SSB filter $75

Kenwood YK88C-1 Plug-in 500hz CW filter $75

All are in good shape. They are not like new but no scratches, dents, dings, etc, and the paint is good. As I said Non-Smoker. I can take pictures if needed. And no the next stop is not the auction site, I don't do business with them.

clif @ avvid . com

Clif

6810. Re: [TS-850_450_690] FS Kenwood TS850SAT

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-10 03:48:48 UTC
From: kremper4-850@yahoo.com
Topic: 6809 Message: 6810

Hi Clif,

I wish I could buy the whole lot, but that's out of the question. If the Kenwood YK88SN-1 Plug-in narrow SSB filter $75 is still available, I'd like to purchase it.

Tnx es 73,

Paul / N1FB

Clif <clif@...> wrote:
I have been asked to dispose of a SK's estate. I thought I would give this group first shot at this part of it.

Kenwood TS850SAT SN 30100xxx It has the VS-2 Voice Synthesizer and the DRU-2 Digital Recording unit. I checked the battery for leakage and all is good. It comes with the stock hand mike, power cord, and W7FG copy of owners manual. It works fine. Non-Smoker Asking $750 plus ship, no original box.

Kenwood PS-52 Power Supply SN 511000xx This is the matching supply for the TS850 Asking $125 plus ship, no original box

Kenwood SP950, sorta matches the 850 Has 2 inputs and line out plus headphone jack. It has 2 High Filters and 1 Low. $100 plus ship

Kenwood YK88SN-1 Plug-in narrow SSB filter $75

Kenwood YK88C-1 Plug-in 500hz CW filter $75

All are in good shape. They are not like new but no scratches, dents, dings, etc, and the paint is good. As I said Non-Smoker. I can take pictures if needed. And no the next stop is not the auction site, I don't do business with them.

clif @ avvid . com

Clif

[Non-text portions of this message have been removed]

6811. Re: Symptoms of TS-690S oscillation

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-11 13:35:16 UTC
From: aa5te
Topic: 6607 Message: 6811

Bump. Posted this here, on eHam, and QRZ, with no response. Hoping
someone will see this!

--- In TS-850_450_690@yahoogroups.com, "aa5te" <aa5te.kb5ehr@...> wrote:
>
> I've noticed something disturbing recently on one of my 690S's only on
> 6M: when I transmit voice or CW, sometimes the power will jump up to
> nearly 100W steady state (internal and external meters both indicate
> the problem, and power supply current jumps as well, so it is real),
> like it's being continually keyed (it's only rated for 50 or 60W,
> that's the norm from the factory) and my SWR reading will
> simultaneously drop to near a perfect match, even if the antenna I'm
> on isn't at a perfectly matched state. It will do this with three
> different antennas and the dummy load as well. I have to stop
> transmitting/unkey, sometimes have to reduce power, in order for this
> symptom to clear.
>
> I've seen some mods out there for better ALC control in these rigs,
> and have seen a few people mention oscillation and moving some cables
> in the radio and installing ferrite beads here and there (and have now
> done so - ferrite bead and cable moving, without success), but is this
> really a symptom of oscillation? I would tend to think it is as it
> jumps high without warning (just like an oscillating op-amp), but
> would like a second opinion (or third, fourth, etc.).
>
> Tnx
>

6812. Re: Symptoms of TS-690S oscillation

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-11 18:27:02 UTC
From: ve3tmt
Topic: 6607 Message: 6812

Have you checked the bias setting in the 6m final? I had a same type of situation on the 850 where the RF output had been turned up too high causing the final amplifier to go into oscillation. Kind of sounded like a low rumble with the symptoms you described. Turning the power back to normal ceased it. Just a suggestion.

Max
VE3TMT

6813. TS850 serial number question

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-12 16:56:01 UTC
From: John Geiger
Topic: 6813 Message: 6813

A local friend has a Kenwood TS850 available which I
might be trading for. What serial number range is
best for this rig? I understand that you generally
want one with the newer DDS chips in it. Also,
besides the memory battery (which I know about) are
there any other age related problems which are common
in this rig?

73s John AA5JG

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http://tools.search.yahoo.com/newsearch/category.php?category=shopping

6814. DC Power Cord ?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-13 19:50:47 UTC
From: Bob Hunt
Topic: 6814 Message: 6814

Hi, dose the TS-430 DC power cord fit the TS-450. That and the Mic are left over from my dead 430.
Bob

6815. Re: [TS-850_450_690] DC Power Cord ?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-13 20:47:38 UTC
From: mblazek@bellsouth.net
Topic: 6814 Message: 6815

Hi, Bob:

I'm pretty sure that all recent Kenwood base rigs (except the TS-480) use the same basic DC cable. I know that my TS-690, 790 and 870 will accept the same cable.

Mike

--------------- Original message from "Bob Hunt" <kirawan@...>: ---------------

Hi, dose the TS-430 DC power cord fit the TS-450. That and the Mic are
left over from my dead 430.
Bob

--

[Non-text portions of this message have been removed]

6816. Re: DC Power Cord ?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-13 20:56:42 UTC
From: ve3tmt
Topic: 6814 Message: 6816

--- In TS-850_450_690@yahoogroups.com, "Bob Hunt" <kirawan@...> wrote:
>
> Hi, dose the TS-430 DC power cord fit the TS-450. That and the Mic are
> left over from my dead 430.
> Bob
>

Yes and yes.

73,
Max
VE3TMT

6817. Re: DC Power Cord ?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-13 22:01:54 UTC
From: Bob Hunt
Topic: 6814 Message: 6817

--- In TS-850_450_690@yahoogroups.com, "ve3tmt" <ve3tmt@...> wrote:
>
> --- In TS-850_450_690@yahoogroups.com, "Bob Hunt" <kirawan@> wrote:
> >
> > Hi, dose the TS-430 DC power cord fit the TS-450. That and the Mic are
> > left over from my dead 430.
> > Bob
> >
>
>
> Yes and yes.
>
> 73,
> Max
> VE3TMT
>
Thanks guys or gals

6818. Re: [TS-850_450_690] TS850 serial number question

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-14 07:17:20 UTC
From: Steve Gehring
Topic: 6813 Message: 6818

John Geiger wrote:
>
> A local friend has a Kenwood TS850 available which I
> might be trading for. What serial number range is
> best for this rig? I understand that you generally
> want one with the newer DDS chips in it. Also,
> besides the memory battery (which I know about) are
> there any other age related problems which are common
> in this rig?
>
> 73s John AA5JG
>
> ---
> Looking for last minute shopping deals?
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> <http://tools.search.yahoo.com/newsearch/category.php?category=shopping>
>
>
> ---
>
> No virus found in this incoming message.
> Checked by AVG.
> Version: 7.5.518 / Virus Database: 269.21.7/1327 - Release Date: 3/12/2008 1:27 PM
>

Hey John,

Like the new callsign...

There's are a few voltage challenged (underrated, or right at their
limits) capacitors on 1 or more boards. I believe they've lead to
premature problems or failures.

Cliff and/or others will know the particulars.

I love my mint, late model TS-850Sat! It's still one of the best rigs
ever produced.

73 de Steve, NL7W
not in but around Palmer, Alaska

[Non-text portions of this message have been removed]

6819. TS850S No Output

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-15 00:07:50 UTC
From: weak_signals
Topic: 6819 Message: 6819

Receives fine
No output
Constant hi SWR.
Tuner keeps tuning, (I know, it needs some drive to work)
The Antenna is good. I use it with low SWR on another radio

No smoke or stink emitted from radio.

Thoughts Ideas
Thanks
Peter
VE3GYY

6820. Re: TS850S No Output

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-15 01:00:12 UTC
From: ve3tmt
Topic: 6819 Message: 6820

--- In TS-850_450_690@yahoogroups.com, "weak_signals" <ham@...> wrote:
>
> Receives fine
> No output
> Constant hi SWR.
> Tuner keeps tuning, (I know, it needs some drive to work)
> The Antenna is good. I use it with low SWR on another radio
>
> No smoke or stink emitted from radio.
>
> Thoughts Ideas
> Thanks
> Peter
> VE3GYY
>

Peter,

I assume the CAR and PWR control are at max?

Silly question but some people don't realize the tuner needs a certain power level to operate.

If okay, we'll go from there.

Max
VE3TMT

6821. ts850sat auto tuner on 160m

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-15 13:09:03 UTC
From: raymond
Topic: 6821 Message: 6821

I'm using a 100ft dipole fed with balanced line. I was told balanced line is the best so to put that theory to the test I use twisted pair.

The dipole is made from cat 3 cable 3 pair. So six 24AWG wires in parallel. I use the same cat 3 wire for the feed line. Three pairs in parallel.
Attached directly to the dipole by soldering the wires. And to the ts850 thru 17 turns of this cat 3 cable on a F240 toroid with an hf mix as a 1:1 balun with a so239 right into a 3ft rg8x jumper at the ts850's so239.

Now I am told by a local ham that he used to make a living selling TS850's at Michigan Radio, and that the ts850sat had a tough time tuning 160 meters. And that no way could I tune a 100ft dipole on 160 with a ts850SAT.

So now I wonder if something is wrong with my ts850sat? As it takes the above antenna and matches it 1:1 on all bands?

AS a side note when I used a defective 12ft jumper coax(it had an open in the ground) It wouldn't tune to a low enough match on 160m and had a tough time tuning on all the rest.

6823. Re: TS850S No Output

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-16 16:46:14 UTC
From: raymond
Topic: 6819 Message: 6823

--- In TS-850_450_690@yahoogroups.com, "weak_signals" <ham@...> wrote:
>
> Receives fine
> No output
> Constant hi SWR.
> Tuner keeps tuning, (I know, it needs some drive to work)
> The Antenna is good. I use it with low SWR on another radio
>
With the tuner off can you cw into the hi swr at 10watts?

I know I can dump 10watts cw into a 1:infinity swr on 160m, with the
tuner off.

73
n8zu

6824. Re: TS850 serial number question

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-16 17:09:25 UTC
From: raymond
Topic: 6813 Message: 6824

--- In TS-850_450_690@yahoogroups.com, Steve Gehring <steveg@...> wrote:
>
> John Geiger wrote:
> >
> > A local friend has a Kenwood TS850 available which I
> > might be trading for. What serial number range is
> > best for this rig? I understand that you generally
> > want one with the newer DDS chips in it. Also,
> > besides the memory battery (which I know about) are
> > there any other age related problems which are common
> > in this rig?
>
I can say for certainty the the first few years of any rig they got to get the bugs worked out. I did alot of repairing of Kenwood consumer electronics, while working for Sears Service. The first digit of the serial number is the year of the decade that it was made. The second and third digits are the month of the year. Mine starts with 511 meaning it was made in November of 1995, since they didn't make any in 1985.

If I recall correctly it's the serials that started with 8 and 9 that had the DDS trouble. But that stuff acted up right away to I don't know if you would see any of those that didn't get the fix in.
The other major trouble was on the CARS pc board where the SMD caps leaked. But I don't recall when that was.

My opinion: I'd stick with number 3 or higher that way you are getting the newsr version.

73
n8zu

6825. Re: TS850 serial number question

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-16 20:13:20 UTC
From: ve3tmt
Topic: 6813 Message: 6825

--- In TS-850_450_690@yahoogroups.com, "raymond" <ray_psi@...> wrote:

The first digit of the
> serial number is the year of the decade that it was made. The second
> and third digits are the month of the year. Mine starts with 511
> meaning it was made in November of 1995, since they didn't make any in
> 1985.

Ray, I think you are mistaken about the serial numbers. If what you
say is correct, my 70 mil series 850 would have been made in 1997.
Kenwood stopped production in 1996 when the introduced the TS870. Many
have agreed in this group that the year of production is the first
number minus 2. Which means yours is actually a 1993 production.

Max
VE3TMT

6827. Re: TS850 serial number question

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-17 17:19:38 UTC
From: raymond
Topic: 6813 Message: 6827

--- In TS-850_450_690@yahoogroups.com, "ve3tmt" <ve3tmt@...> wrote:
>
> --- In TS-850_450_690@yahoogroups.com, "raymond" <ray_psi@> wrote:
>
> The first digit of the
> > serial number is the year of the decade that it was made. The second
> > and third digits are the month of the year. Mine starts with 511
> > meaning it was made in November of 1995, since they didn't make any in
> > 1985.
>
> Ray, I think you are mistaken about the serial numbers. If what you
> say is correct, my 70 mil series 850 would have been made in 1997.
> Kenwood stopped production in 1996 when the introduced the TS870. Many
> have agreed in this group that the year of production is the first
> number minus 2. Which means yours is actually a 1993 production.
>
> Max
> VE3TMT

Thank you for confirming that for me. I found while researching that
minus 2 from the serial number date issue. That the years 1990 and
1991 were the bad years for the DDS chips so S.N. starting with 2 and
3 would be the serial numbers that need those DDS IC's unless the part
number on the chip ends in 2, then they have been upgraded.

73 & 23

n8zu

>

6828. Re: TS850 serial number question

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-17 18:41:17 UTC
From: Clif
Topic: 6813 Message: 6828

And while you are counting months someone point out some time back
that Kenwood's month sequence starts in April for #1?????

Clif

--- In TS-850_450_690@yahoogroups.com, "ve3tmt" <ve3tmt@...> wrote:
>
> --- In TS-850_450_690@yahoogroups.com, "raymond" <ray_psi@> wrote:
>
> The first digit of the
> > serial number is the year of the decade that it was made. The second
> > and third digits are the month of the year. Mine starts with 511
> > meaning it was made in November of 1995, since they didn't make any in
> > 1985.
>
> Ray, I think you are mistaken about the serial numbers. If what you
> say is correct, my 70 mil series 850 would have been made in 1997.
> Kenwood stopped production in 1996 when the introduced the TS870. Many
> have agreed in this group that the year of production is the first
> number minus 2. Which means yours is actually a 1993 production.
>
> Max
> VE3TMT
>

6829. Re: [TS-850_450_690] Re: TS850 serial number question

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-17 19:43:42 UTC
From: Crownhaven
Topic: 6813 Message: 6829

And if you call or email Kenwood technical service/customer support,
they will flatly deny that there is any system of decoding the date of
manufacture on the TS-450S/690S/850S via the serial number. :-)

Clif wrote:
>
> And while you are counting months someone point out some time back
> that Kenwood's month sequence starts in April for #1?????
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>, "ve3tmt" <ve3tmt@...> wrote:
> >
> > --- In TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>, "raymond" <ray_psi@> wrote:
> >
> > The first digit of the
> > > serial number is the year of the decade that it was made. The second
> > > and third digits are the month of the year. Mine starts with 511
> > > meaning it was made in November of 1995, since they didn't make any in
> > > 1985.
> >
> > Ray, I think you are mistaken about the serial numbers. If what you
> > say is correct, my 70 mil series 850 would have been made in 1997.
> > Kenwood stopped production in 1996 when the introduced the TS870. Many
> > have agreed in this group that the year of production is the first
> > number minus 2. Which means yours is actually a 1993 production.
> >
> > Max
> > VE3TMT
> >
>
>

[Non-text portions of this message have been removed]

6830. Re: TS850 serial number question

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-17 20:12:48 UTC
From: ve3tmt
Topic: 6813 Message: 6830

--- In TS-850_450_690@yahoogroups.com, Crownhaven <crownhaven@...> wrote:

And if you call or email Kenwood technical service/customer support, they will flatly deny that there is any system of decoding the date of manufacture on the TS-450S/690S/850S via the serial number. :-)

I had one 850 in the 20 mil range and another in the 30 mil range and both had the older DDS chips. The monitor function on both failed. My 50 mil unit was fine, and the 70 mil I have now has the newer chips in it. I just had to know!!

Max
VE3TMT

6831. Re: TS850 serial number question

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-17 20:50:34 UTC
From: Jordan
Topic: 6813 Message: 6831

I just looked in the service manual for the 450S, and it uses the same DDS ICs as the early 850S did, the YM-6631... Did Kenwood change this during production of the 450/690Sas well...? I've never had any problems with my 450S, and I know it has the older DDS chips...Perhaps there is something to the bad solder/pads/vias etc in 850 production idea...The 450S does not use any of the surface mount electrolytics in either the CAR board or the PLL board.... 73...Jordan....

--- In TS-850_450_690@yahoogroups.com, John Geiger <n5ten@...> wrote:
>
> A local friend has a Kenwood TS850 available which I
> might be trading for. What serial number range is
> best for this rig? I understand that you generally
> want one with the newer DDS chips in it. Also,
> besides the memory battery (which I know about) are
> there any other age related problems which are common
> in this rig?
>
> 73s John AA5JG
>
>
>

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>

6832. Carrier point adjustment

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-17 21:24:46 UTC
From: Jordan
Topic: 6832 Message: 6832

Hi....I wonder if you guys can give me a tip or two on doing the carrier point adjustment for the 850...I haven't yet been able to get it to sound quite right, and I can't see that I'm actually adjusting more than a voltage level, as opposed to an oscillator...

73....Jordan....

6833. Receiver Sensitivity Problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-18 10:31:25 UTC
From: Oz
Topic: 6833 Message: 6833

I have a rig that transmits fine across the bands but drops off in sensitivity drastically at 20 meters and above. No atttenuators or RIT are in play and I have checked the logic from the IC that controls the preamp circuits and it is all as it should be meaning that the pins are what they should be on all bands. It works great on 1.8 thru the 10 meg bang but drops off drastically. I have checked the diodes on the RF board more than once thoroughly as I did have a problem with broadcast birdies across the entire spectrum when I got the radio and a diode was the problem so I checked once again just to be certain I had not missed any on the RF board. As I say, TX is fine and I am wondering if there is a common prob here or someone can steer me onto something. I also had to change all the trimmers when I got the rig and did a complete pll alignment with no prob after they were changed.

Thank You in Advance!

John KE7CQ

6834. Re: Receiver Sensitivity Problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-18 11:15:40 UTC
From: Oz
Topic: 6833 Message: 6834

Sorry, I meant to say AIP instead of RIT below.
--- In TS-850_450_690@yahoogroups.com, "Oz" <joesterl@...> wrote:
>
> I have a rig that transmits fine across the bands but drops off in
> sensitivity drastically at 20 meters and above. No atttenuators or
RIT
> are in play and I have checked the logic from the IC that controls
the
> preamp circuits and it is all as it should be meaning that the pins
are
> what they should be on all bands. It works great on 1.8 thru the 10
meg
> bang but drops off drastically. I have checked the diodes on the RF
> board more than once thoroughly as I did have a problem with
broadcast
> birdies across the entire spectrum when I got the radio and a diode
was
> the problem so I checked once again just to be certain I had not
missed
> any on the RF board. As I say, TX is fine and I am wondering if
there
> is a common prob here or someone can steer me onto something. I
also
> had to change all the trimmers when I got the rig and did a
complete
> pll alignment with no prob after they were changed.
>
> Thank You in Advance!
>
> John KE7CQ
>

6835. Re: Receiver Sensitivity Problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-18 20:57:27 UTC
From: Jordan
Topic: 6833 Message: 6835

All I can really suggest is verify the exact frequency where the sensitivity drops, and check to see if there is a circuit,VCO,LO, etc, that is specific to that range....Then I'd check the levels against the service manual...take it from there....73...Jordan...

P.S.....Are you sure you don't mean 22Mhz and above...?

--- In TS-850_450_690@yahoogroups.com, "Oz" <joesterl@...> wrote:
>
> Sorry, I meant to say AIP instead of RIT below.
> --- In TS-850_450_690@yahoogroups.com, "Oz" <joesterl@> wrote:
> >
> > I have a rig that transmits fine across the bands but drops off in
> > sensitivity drastically at 20 meters and above. No atttenuators or
> RIT
> > are in play and I have checked the logic from the IC that controls
> the
> > preamp circuits and it is all as it should be meaning that the pins
> are
> > what they should be on all bands. It works great on 1.8 thru the 10
> meg
> > bang but drops off drastically. I have checked the diodes on the RF
> > board more than once thoroughly as I did have a problem with
> broadcast
> > birdies across the entire spectrum when I got the radio and a diode
> was
> > the problem so I checked once again just to be certain I had not
> missed
> > any on the RF board. As I say, TX is fine and I am wondering if
> there
> > is a common prob here or someone can steer me onto something. I
> also
> > had to change all the trimmers when I got the rig and did a
> complete
> > pll alignment with no prob after they were changed.
> >
> > Thank You in Advance!
> >

> > John KE7CQ
> >
>

6836. Necessary cables for HRD control of TS-850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-18 23:47:56 UTC
From: bkimura66
Topic: 6836 Message: 6836

Greetings,
I'm new to HAM radio and I'm patiently awaiting my TS-850SAT which will be arriving soon (My first HF radio). I plan to use HRD not only to control the radio, but also for PSK31 receiving/transmitting. Can someone please provide me with a list of required cables? Keep in mind that I'm not very radio technical, so I'd prefer to purchase a pre-made cable versus making one up myself. For the CAT cable, a model name/number would be appreciated. I'm assuming that other than the CAT cable, a pair of 3.5mm 1/8" stereo cables will be needed, but I'm not certain. I've also noticed that my laptop doesn't contain a serial port, so I'm assuming that I'll need some sort of USB-->Serial adapter? Any recommendations on this would be appreciated as well. Lastly, if anyone can provide me with the necessary radio settings that I'll need to make in order to use HRD/PSK31, I'd greatly appreciate it if you could pass them along as well. Thank you!

- Bill, kb1pxd

6837. RE: [TS-850_450_690] Necessary cables for HRD control of TS-850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-19 00:50:40 UTC
From: Rich Schmuke
Topic: 6836 Message: 6837

If you are going to get into PSK-31 and you have any port/soundcard problems I would look at Singnalink USB interface. Check out the info here, http://www.tigertronics.com/ . It has a soundcard built in, and control knobs right on the unit. Easy to use and it works right out of the box. No computer sound card or cable hook up, it is USB. You tell them what rig you have and send matching cable with it.

I use it and HRD as a control for my rig.

Rich , Kd0zz

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com] On Behalf Of bkimura66
Sent: Tuesday, March 18, 2008 6:48 PM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] Necessary cables for HRD control of TS-850

Greetings,
I'm new to HAM radio and I'm patiently awaiting my TS-850SAT which will be arriving soon (My first HF radio). I plan to use HRD not only to control the radio, but also for PSK31 receiving/transmitting. Can someone please provide me with a list of required cables? Keep in mind that I'm not very radio technical, so I'd prefer to purchase a pre-made cable versus making one up myself. For the CAT cable, a model name/number would be appreciated. I'm assuming that other than the CAT cable, a pair of 3.5mm 1/8" stereo cables will be needed, but I'm not certain. I've also noticed that my laptop doesn't contain a serial port, so I'm assuming that I'll need some sort of USB-->Serial adapter? Any recommendations on this would be appreciated as well. Lastly, if anyone can provide me with the necessary radio settings that I'll need to make in order to use HRD/PSK31, I'd greatly appreciate it if you could pass them along as well. Thank you!

- Bill, kb1pxd

[Non-text portions of this message have been removed]

6838. Re: [TS-850_450_690] Necessary cables for HRD control of TS-850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-19 02:03:05 UTC
From: ve3wej gmail
Topic: 6836 Message: 6838

any sound card interface will take care of the psk, some interfaces also included rig control.

try searching ebay, google.

really is only limitted to how much you have to spend

the only spec you should look in an interface is how it connects to the radio and be ts850 specific

VE3WEJ
Dave Garber

10-X # 23465
echolink # 52852
irlp node 2202
email ve3wej@...
----- Original Message -----
From: bkimura66
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, March 18, 2008 7:47 PM
Subject: [TS-850_450_690] Necessary cables for HRD control of TS-850

Greetings,
I'm new to HAM radio and I'm patiently awaiting my TS-850SAT which will be arriving soon (My first HF radio). I plan to use HRD not only to control the radio, but also for PSK31 receiving/transmitting. Can someone please provide me with a list of required cables? Keep in mind that I'm not very radio technical, so I'd prefer to purchase a pre-made cable versus making one up myself. For the CAT cable, a model name/number would be appreciated. I'm assuming that other than the CAT cable, a pair of 3.5mm 1/8" stereo cables will be needed, but I'm not certain. I've also noticed that my laptop doesn't contain a serial port, so I'm assuming that I'll need some sort of USB-->Serial adapter? Any recommendations on this would be appreciated as well. Lastly, if anyone can provide me with the necessary radio settings that I'll need to make in order to use HRD/PSK31, I'd greatly appreciate it if you could pass them along as well. Thank you!

- Bill, kb1pxd

6839. Re: Carrier point adjustment

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-19 15:50:28 UTC
From: kdrosenlund
Topic: 6832 Message: 6839

Hi Jordan,

Have you tried this method...

http://n6tr.jzap.com/850repair.html#TS-850_CARRIER_SET_POINT_ADJUSTMENT

If you put on headphones and listen through the monitor
function, you should hear the difference while adjusting. Make sure your IF filters
are set wide and the tone control is fully clockwise.

-Kit

--- In TS-850_450_690@yahoogroups.com, "Jordan" <Outposter30@...> wrote:
>
> Hi....I wonder if you guys can give me a tip or two on doing the
> carrier point adjustment for the 850...I haven't yet been able to get
> it to sound quite right, and I can't see that I'm actually adjusting
> more than a voltage level, as opposed to an oscillator...
>
> 73....Jordan....
>

6840. Re: [TS-850_450_690] Re: Carrier point adjustment

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-19 17:00:02 UTC
From: Jordan
Topic: 6832 Message: 6840

Actually, I haven't tried that method, but hopefully the carrier point and bandpass still match up ok when I go to SSB and CW modes with the narrower filters....

Does anyone remember the tube type set-up for the same adjustment....? Was it set at the point where the carrier level was 18-20db down the side of the passband...? 73...Jordan....

----- Original Message -----
From: kdrosenlund
To: TS-850_450_690@yahoogroups.com
Sent: Wednesday, March 19, 2008 9:50 AM
Subject: [TS-850_450_690] Re: Carrier point adjustment

Hi Jordan,

Have you tried this method...

http://n6tr.jzap.com/850repair.html#TS-850_CARRIER_SET_POINT_ADJUSTMENT

If you put on headphones and listen through the monitor
function, you should hear the difference while adjusting. Make sure your IF filters
are set wide and the tone control is fully clockwise.

-Kit

--- In TS-850_450_690@yahoogroups.com, "Jordan" <Outposter30@...> wrote:
>
> Hi....I wonder if you guys can give me a tip or two on doing the
> carrier point adjustment for the 850...I haven't yet been able to get
> it to sound quite right, and I can't see that I'm actually adjusting
> more than a voltage level, as opposed to an oscillator...
>
> 73....Jordan....
>

[Non-text portions of this message have been removed]

6841. Re: Carrier point adjustment

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-19 17:18:13 UTC
From: ve3tmt
Topic: 6832 Message: 6841

The following is from W3OZ's website. His description is for bring the low end up on the audio, but the same adjustment procedure applies no matter what.

Max
VE3TMT

STEP #1 PUT THE RADIO ON 14.200 KHZ,MODE EITHER USB OR LSB.

STEPS #2 TURN THE RADIO OFF.

STEP #3 WHILE PUSHING THE F.LOCK KEY TURN THE RADIO ON WITH POWER BUTTON.

STEP #4 A MENU WILL BE DISPLAYED, WITH THE M.CH/VFO CH KNOB, MAKE SURE THE DISPLAY SHOWS (MENU NO. 00).

STEP #5 PUT MODE SWITCH TO LSB. HAVE THE 8.83MHZ FILTER KEY IN THE 6KHZ POSITION. TRANSMIT INTO DUMMY LOAD AND TURN VR501 WHICH IS UNDER DOOR ON TOP LEFT OF RADIO COVER FULLY COUNTER CLOCK WISE WHILE LISTENING TO MONITOR RECEIVER ON SAME FREQ, YOU SHOULD HEAR BOTTOM END OF AUDIO COME UP.

STEP #6 PUT TS-850S ON USB AND MONITOR RECEIVER ON USB SAME FREQ 14.200MHZ.FOLLOW SAME AS STEP #5 TURNING VR502 ALSO COUNTER CLOCK WISE, YOU SHOULD HEAR BOTTOM END OF AUDIO COME UP MORE BASS RESPONSE THAT'S WHAT YOU WANT TO HEAR.

STEP #7 PUT 8.83MHZ FILTER KEY TO 2.7KHZ POSITION, NOW TURN M.CH/VFO.CH KNOB SO THAT DISPLAY ON TS-850S READS (MENU NO.01) SWITCHING BETWEEN USB AND LSB AND LISTENING ON SAME ON MONITOR RECEIVER RADIO, BALANCE AUDIO TONE BETWEEN LSB AND USB USING ADJUSTMENT POT VR503 TO BALANCE TRANSMIT AUDIO TONE OF THE TS-850S.

STEP #8 ONCE YOU ARE DONE AND WANT TO KEEP UR ADJUSTMENTS PUSH THE CLR KEY WHICH IS TO THE RIGHT OF THE MIC GAIN/PWR KNOB, THIS WILL EXIT THE MENU AND LOCK IN YOUR NEW CARRIER POINT SETTINGS ON THE TS-850S.

6842. Re: Necessary cables for HRD control of TS-850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-19 19:29:39 UTC
From: F8EXM
Topic: 6836 Message: 6842

Hello everybody,

This must be my first post on this group, and moreover my English is not very good so excuse me if I do some mistakes ;o)

I also command my TS-850 with HRD and I bought the DigiMaster DualChannel USB Data-Audio Interface (http://www.g4zlp.co.uk/unified/DM_DUAL_Channel.shtml). It's really great : you just have to plug a USB cable and two audio cables and it gives you one port for digital modes, another one for CAT and the last one for CW transmit.

Works great with my TS-850 and TM-255 (just have to change the cable linking the interface to the transceiver), but of course with the TM-255 CAT won't work !
ZLP Electronics is one of HRD's sponsors.

You can't be wrong with this interface, for 120$ you have a very nice metallic box much cheaper than all the Rigblaster and other expensive interfaces.

Best 73 from Yannick - F8EXM

6843. 500hz CW filter

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-19 23:32:42 UTC
From: bkimura66
Topic: 6843 Message: 6843

Greetings,
I'm acquiring a TS-850SAT early next week. I'm told that it comes with no optional filters. I'm a new HAM but I do plan to use CW and PSK31 quite a bit. If I was to purchase just one filter (I'm thinking a 500hz), would you recommend purchasing one for the 455khz IF or 8.83mhz IF? I understand that you can cascade the two together, but I'm trying to keep costs down at the moment. If anyone feels that a CW filter isn't even necessary, I'd be interested in hearing why. I don't know very much about radios, but I've read many articles where people state that you really need some filters for this rig, especially for CW.

Thanks,
- Bill, kb1pxd

6844. Re: [TS-850_450_690] 500hz CW filter

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-19 23:57:37 UTC
From: WW3S
Topic: 6843 Message: 6844

I'd look for an Inrad filter 400hz for the first IF (8.8) and start there.
If you can eventually afford it, get the same filter for 2nd IF....

73, Jamie WW3S

On 3/19/2008 7:32:42 PM, bkimura66 (bill.kimura@...) wrote:
> Greetings,
> I'm acquiring a TS-850SAT early next week. I'm told that it comes
> with no optional filters.
> I'm a new HAM but I do plan to use CW and
> PSK31 quite a bit. If I was to purchase just one filter (I'm
> thinking
> a 500hz), would you recommend purchasing one for the 455khz IF or
> 8.83mhz IF? I understand that you can cascade the two together, but
> I'm trying to keep costs down at the moment. If anyone feels that a
> CW filter isn't
> even necessary, I'd be interested in hearing why. I
> don't know very much
> about radios, but I've read many articles where
> people state that you really need some filters for this rig,
> especially for CW.
>
> Thanks,
> - Bill, kb1pxd
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>

6845. Re: [TS-850_450_690] 500hz CW filter

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-20 00:17:21 UTC
From: Rob Frohne
Topic: 6843 Message: 6845

Hi Bill,

I would get the radio and try the variable bandwidth tuning before spending the money on the CW filter if you are at all trying to keep th cost down. I have both, and use the CW filters, but not on PSK31. I think you will be pretty pleased with the slope tuning. It is pretty close to having a single CW filter.

73,

Rob

On Wed, 2008-03-19 at 23:32 +0000, bkimura66 wrote:

> Greetings,
> I'm acquiring a TS-850SAT early next week. I'm told that it comes
> with no optional filters. I'm a new HAM but I do plan to use CW and
> PSK31 quite a bit. If I was to purchase just one filter (I'm thinking
> a 500hz), would you recommend purchasing one for the 455khz IF or
> 8.83mhz IF? I understand that you can cascade the two together, but
> I'm trying to keep costs down at the moment. If anyone feels that a
> CW filter isn't even necessary, I'd be interested in hearing why. I
> don't know very much about radios, but I've read many articles where
> people state that you really need some filters for this rig,
> especially for CW.
>
> Thanks,
> - Bill, kb1pxd
>
>
>
>
>

6846. Re: 500hz CW filter

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-20 00:19:07 UTC
From: bkimura66
Topic: 6843 Message: 6846

Thanks Jamie. Do you have an pointers to where I might find this particular filter, and is it easily installed? (I know the Kenwood filters just simply screw in)

Thanks for you reply. 73s.

- Bill, kb1pxd

--- In TS-850_450_690@yahoogroups.com, "WW3S" <ww3s@...> wrote:
>
> I'd look for an Inrad filter 400hz for the first IF (8.8) and start there.
> If you can eventually afford it, get the same filter for 2nd IF....
>
> 73, Jamie WW3S
>
> On 3/19/2008 7:32:42 PM, bkimura66 (bill.kimura@...) wrote:
> > Greetings,
> > I'm acquiring a TS-850SAT early next week. I'm told that it comes
> > with no optional filters.
> > I'm a new HAM but I do plan to use CW and
> > PSK31 quite a bit. If I was to purchase just one filter (I'm
> > thinking
> > a 500hz), would you recommend purchasing one for the 455khz IF or
> > 8.83mhz IF? I understand that you can cascade the two together, but
> > I'm trying to keep costs down at the moment. If anyone feels that a
> > CW filter isn't
> > even necessary, I'd be interested in hearing why. I
> > don't know very much
> > about radios, but I've read many articles where
> > people state that you really need some filters for this rig,
> > especially for CW.
> >
> > Thanks,
> > - Bill, kb1pxd
> >
> >
> > ------------------------------------
> >
> > THANKS FOR USING TS-850_450_690@...! Groups Links
> >
> >
>

6847. Re: 500hz CW filter

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-20 01:11:40 UTC
From: ve3tmt
Topic: 6843 Message: 6847

Hi Bill,

I guarantee you are going to enjoy that radio! Currently I am using only the Kenwood 500 Hz filter in the 455 IF. I do a lot of CW and RTTY and the narrow filter is a big plus at cutting down the QRM. The slope tuning does work at narrowing down the passband, but in my opinion it is not as good as the optional filter. At one time had the 500 Hz filters in both IF's, but didn't think the difference was that great to afford both. Generally the 455 IF filters cost a bit more. With only one filter in, the slope tuning will not work properly. It will not shift the passband evenly on both sides of center. But I find I hardly ever use it except on SSB.

73,
Max
VE3TMT

6848. Re: [TS-850_450_690] Re: 500hz CW filter

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-20 01:47:27 UTC
From: WW3S
Topic: 6843 Message: 6848

www.inrad.net and they screw in just like the factory filters and have a
little better shape factor. You cant go wrong with Inrad.

On 3/19/2008 8:19:07 PM, bkimura66 (bill.kimura@...) wrote:
> Thanks Jamie. Do you have an pointers to where I might find this
> particular filter, and is it easily installed? (I know the Kenwood
> filters just simply screw in)
>
> Thanks for you reply. 73s.
>
> - Bill, kb1pxd
>
> --- In TS-850_450_690@yahoogroups.com, "WW3S" <ww3s@...> wrote:
> >
> >
> I'd look for an Inrad filter 400hz for the first IF (8.8) and start
> there.
> > If you can eventually afford it, get the same filter for 2nd IF....
> >
> > 73, Jamie WW3S
> >
> > On 3/19/2008 7:32:42 PM, bkimura66 (bill.kimura@...) wrote:
> > > Greetings,
> > > I'm
> acquiring a TS-850SAT early next week.
> I'm told that it comes
> > > with no optional filters.
> > > I'm a new HAM
> but I do plan to use CW and
> > > PSK31 quite a bit. If I was to purchase just one filter
> (I'm
> > > thinking
> > > a 500hz), would you recommend purchasing one for the 455khz IF or
> > > 8.83mhz IF? I understand that you can cascade the two together, but
> > > I'm
> trying to keep costs down at the moment. If anyone feels that a
> > > CW filter isn't
> > > even necessary, I'd be interested in hearing

6849. Re: 500hz CW filter

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-20 01:24:17 UTC
From: bkimura66
Topic: 6843 Message: 6849

Thanks Max,
I just ordered the 400hz Inrad filter for the 1st IF.
Thanks for the info on your results from using narrow
filters in both IFs, as I was wondering if there'd be enough
noticeable difference to justify the cost. I also just
purchased the matching SP-31 external speaker so I think
I should be good to go. I need to stop spending money. :-)

- Bill

--- In TS-850_450_690@yahoogroups.com, "ve3tmt" <ve3tmt@...> wrote:
>
> Hi Bill,
>
> I guarantee you are going to enjoy that radio! Currently I am using
> only the Kenwood 500 Hz filter in the 455 IF. I do a lot of CW and
> RTTY and the narrow filter is a big plus at cutting down the QRM.
> The slope tuning does work at narrowing down the passband, but in my
> opinion it is not as good as the optional filter. At one time had
> the 500 Hz filters in both IF's, but didn't think the difference was
> that great to afford both. Generally the 455 IF filters cost a bit
> more. With only one filter in, the slope tuning will not work
> properly. It will not shift the passband evenly on both sides of
> center. But I find I hardly ever use it except on SSB.
>
> 73,
> Max
> VE3TMT
>

6850. Re: [TS-850_450_690] Re: 500hz CW filter

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-20 02:23:53 UTC
From: Crownhaven
Topic: 6843 Message: 6850

The SP-31 is a great speaker. I have found the Kenwood filters very acceptable although I have not used the Inrads. I would like to try a pair of the 400 Hz models though. Maybe one of these days. It is hard to find used ones and they aren't cheap new.

Steve, N4JQQ

bkimura66 wrote:
>
> Thanks Max,
> I just ordered the 400hz Inrad filter for the 1st IF.
> Thanks for the info on your results from using narrow
> filters in both IFs, as I was wondering if there'd be enough
> noticeable difference to justify the cost. I also just
> purchased the matching SP-31 external speaker so I think
> I should be good to go. I need to stop spending money. :-)
>
> - Bill
>
> --- In TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>, "ve3tmt" <ve3tmt@...> wrote:
> >
> > Hi Bill,
> >
> > I guarantee you are going to enjoy that radio! Currently I am using
> > only the Kenwood 500 Hz filter in the 455 IF. I do a lot of CW and
> > RTTY and the narrow filter is a big plus at cutting down the QRM.
> > The slope tuning does work at narrowing down the passband, but in my
> > opinion it is not as good as the optional filter. At one time had
> > the 500 Hz filters in both IF's, but didn't think the difference was
> > that great to afford both. Generally the 455 IF filters cost a bit
> > more. With only one filter in, the slope tuning will not work
> > properly. It will not shift the passband evenly on both sides of
> > center. But I find I hardly ever use it except on SSB.
> >
> > 73,
> > Max
> > VE3TMT
> >
>
>

6851. Re: [TS-850_450_690] Re: 500hz CW filter

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-20 02:24:42 UTC
From: Crownhaven
Topic: 6843 Message: 6851

Don't you have to do some trimming or adjustments on the Inrad filters
before to install them in the TS-850?????????

Steve, N4JQQ

WW3S wrote:
>
> www.inrad.net and they screw in just like the factory filters and have a
> little better shape factor. You cant go wrong with Inrad.
>
> On 3/19/2008 8:19:07 PM, bkimura66 (bill.kimura@...
> <mailto:bill.kimura%40gmail.com>) wrote:
> > Thanks Jamie. Do you have an pointers to where I might find this
> > particular filter, and is it easily installed? (I know the Kenwood
> > filters just simply screw in)
> >
> > Thanks for you reply. 73s.
> >
> > - Bill, kb1pxd
> >
> > --- In TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>, "WW3S" <ww3s@...> wrote:
> > >
> > >
> > I'd look for an Inrad filter 400hz for the first IF (8.8) and start
> > there.
> > > If you can eventually afford it, get the same filter for 2nd IF....
> > >
> > > 73, Jamie WW3S
> > >
> > > On 3/19/2008 7:32:42 PM, bkimura66 (bill.kimura@...) wrote:
> > > > Greetings,
> > > > I'm
> > acquiring a TS-850SAT early next week.
> > I'm told that it comes
> > > > with no optional filters.
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> > > > a 500hz), would you recommend purchasing one for the 455khz IF or
> > > > 8.83mhz IF? I understand that you can cascade the two together, but
> > > > I'm
> > trying to keep costs down at the moment. If anyone feels that a

> > > > CW filter isn't
> > > > even necessary, I'd be interested in hearing
>
>

6852. Re: [TS-850_450_690] Re: 500hz CW filter

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-20 10:06:23 UTC
From: Bill Maddock
Topic: 6843 Message: 6852

Steve, I have a pair of TS-850S with inrads up here in Munford if you wnat
to see what they are like! Yes you have to cut 3 pins - no big deal though!

73,

Bill N4ZI

Crownhaven <crownhaven@...> wrote:
The SP-31 is a great speaker. I have found the Kenwood filters very
acceptable although I have not used the Inrads. I would like to try a
pair of the 400 Hz models though. Maybe one of these days. It is hard
to find used ones and they aren't cheap new.

Steve, N4JQQ

bkimura66 wrote:
>
> Thanks Max,
> I just ordered the 400hz Inrad filter for the 1st IF.
> Thanks for the info on your results from using narrow
> filters in both IFs, as I was wondering if there'd be enough
> noticeable difference to justify the cost. I also just
> purchased the matching SP-31 external speaker so I think
> I should be good to go. I need to stop spending money. :-)
>
> - Bill
>
> --- In TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>, "ve3tmt" <ve3tmt@...> wrote:
> >
> > Hi Bill,
> >
> > I guarantee you are going to enjoy that radio! Currently I am using
> > only the Kenwood 500 Hz filter in the 455 IF. I do a lot of CW and
> > RTTY and the narrow filter is a big plus at cutting down the QRM.
> > The slope tuning does work at narrowing down the passband, but in my
> > opinion it is not as good as the optional filter. At one time had
> > the 500 Hz filters in both IF's, but didn't think the difference was
> > that great to afford both. Generally the 455 IF filters cost a bit
> > more. With only one filter in, the slope tuning will not work
> > properly. It will not shift the passband evenly on both sides of
> > center. But I find I hardly ever use it except on SSB.
> >
> > 73,
> > Max
> > VE3TMT

> >
>
>

Be a better friend, newshound, and know-it-all with Yahoo! Mobile. Try it now.

[Non-text portions of this message have been removed]

6853. Re: 500hz CW filter

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-20 09:51:18 UTC
From: bkimura66
Topic: 6843 Message: 6853

Good question,
I read something about mods that may be necessary. (Cutting a couple
of pins, etc.) Can someone confirm this?

- Bill

--- In TS-850_450_690@yahoogroups.com, Crownhaven <crownhaven@...> wrote:
>
> Don't you have to do some trimming or adjustments on the Inrad filters
> before to install them in the TS-850?????????
>
> Steve, N4JQQ
>
> WW3S wrote:
> >
> > www.inrad.net and they screw in just like the factory filters and
have a
> > little better shape factor. You cant go wrong with Inrad.
> >
> > On 3/19/2008 8:19:07 PM, bkimura66 (bill.kimura@...
> > <mailto:bill.kimura%40gmail.com>) wrote:
> > > Thanks Jamie. Do you have an pointers to where I might find this
> > > particular filter, and is it easily installed? (I know the Kenwood
> > > filters just simply screw in)
> > >
> > > Thanks for you reply. 73s.
> > >
> > > - Bill, kb1pxd
> > >
> > > --- In TS-850_450_690@yahoogroups.com
> > <mailto:TS-850_450_690%40yahoogroups.com>, "WW3S" <ww3s@> wrote:
> > > >
> > > >
> > > I'd look for an Inrad filter 400hz for the first IF (8.8) and start
> > > there.
> > > > If you can eventually afford it, get the same filter for 2nd
IF....
> > > >
> > > > 73, Jamie WW3S
> > > >
> > > > On 3/19/2008 7:32:42 PM, bkimura66 (bill.kimura@) wrote:
> > > > > Greetings,
> > > > > I'm
> > > acquiring a TS-850SAT early next week.
> > > I'm told that it comes

> > > > > with no optional filters.
> > > > > I'm a new HAM
> > > but I do plan to use CW and
> > > > > PSK31 quite a bit. If I was to purchase just one filter
> > > (I'm
> > > > > thinking
> > > > > a 500hz), would you recommend purchasing one for the 455khz
IF or
> > > > > 8.83mhz IF? I understand that you can cascade the two
together, but
> > > > > I'm
> > > trying to keep costs down at the moment. If anyone feels that a
> > > > > CW filter isn't
> > > > > even necessary, I'd be interested in hearing
> >
> >
>

6854. Re: 500hz CW filter

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-20 10:34:54 UTC
From: ve3tmt
Topic: 6843 Message: 6854

--- In TS-850_450_690@yahoogroups.com, "bkimura66" <bill.kimura@...>
wrote:
>
> Good question,
> I read something about mods that may be necessary. (Cutting a couple
> of pins, etc.) Can someone confirm this?
>
> - Bill

Three of the five pins on each end serve you purpose. Only the two on
the outermost ends are signal and ground.

Max
VE3TMT

6855. Re: 500hz CW filter

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-20 10:50:39 UTC
From: bkimura66
Topic: 6843 Message: 6855

Are there no hole slots for the remaining 3 pins, hence they
need to be cut? I assume then that the Kenwood filters would
come with just the 2 pins on each end.

Thanks,

- Bill

--- In TS-850_450_690@yahoogroups.com, "ve3tmt" <ve3tmt@...> wrote:
>
> --- In TS-850_450_690@yahoogroups.com, "bkimura66" <bill.kimura@>
> wrote:
> >
> > Good question,
> > I read something about mods that may be necessary. (Cutting a couple
> > of pins, etc.) Can someone confirm this?
> >
> > - Bill
>
> Three of the five pins on each end serve you purpose. Only the two on
> the outermost ends are signal and ground.
>
> Max
> VE3TMT
>

6856. Re: 500hz CW filter

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-20 11:13:08 UTC
From: ve3tmt
Topic: 6843 Message: 6856

--- In TS-850_450_690@yahoogroups.com, "bkimura66" <bill.kimura@...>
wrote:
>
> Are there no hole slots for the remaining 3 pins, hence they
> need to be cut? I assume then that the Kenwood filters would
> come with just the 2 pins on each end.

Bill,

Personally I have never owned an Inrad filter. But I believe the
custom board they are mounted on has two holes at each end, hence
the cutting of the pins on the Kenwood board. Not really my way of
doing things. The Kenwood filters have five holes on each end to fit
perfect, no cutting is required if you use the Kenwood filters. If you
want to see what they look like yonder over to ePay and search in the
Ham Radio section under "oscillators and filters".

Max
VE3TMT

6857. Re: [TS-850_450_690] Re: 500hz CW filter

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-20 11:36:19 UTC
From: Crownhaven
Topic: 6843 Message: 6857

Hi Bill!!!!! How in the heck are you doing?????? Long time no hear. I
didn't know you were still around. I will get in touch.

Steve, N4JQQ, East Memphis

Bill Maddock wrote:
>
> Steve, I have a pair of TS-850S with inrads up here in Munford if you wnat
> to see what they are like! Yes you have to cut 3 pins - no big deal
> though!
>
> 73,
>
> Bill N4ZI
>
> Crownhaven <crownhaven@...
> <mailto:crownhaven%40bellsouth.net>> wrote:
> The SP-31 is a great speaker. I have found the Kenwood filters very
> acceptable although I have not used the Inrads. I would like to try a
> pair of the 400 Hz models though. Maybe one of these days. It is hard
> to find used ones and they aren't cheap new.
>
> Steve, N4JQQ
>
> bkimura66 wrote:
> >
> > Thanks Max,
> > I just ordered the 400hz Inrad filter for the 1st IF.
> > Thanks for the info on your results from using narrow
> > filters in both IFs, as I was wondering if there'd be enough
> > noticeable difference to justify the cost. I also just
> > purchased the matching SP-31 external speaker so I think
> > I should be good to go. I need to stop spending money. :-)
> >
> > - Bill
> >
> > --- In TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>
> > <mailto:TS-850_450_690%40yahoogroups.com>, "ve3tmt" <ve3tmt@...> wrote:
> > >
> > > Hi Bill,
> > >
> > > I guarantee you are going to enjoy that radio! Currently I am using
> > > only the Kenwood 500 Hz filter in the 455 IF. I do a lot of CW and
> > > RTTY and the narrow filter is a big plus at cutting down the QRM.

> > > The slope tuning does work at narrowing down the passband, but in my
> > > opinion it is not as good as the optional filter. At one time had
> > > the 500 Hz filters in both IF's, but didn't think the difference was
> > > that great to afford both. Generally the 455 IF filters cost a bit
> > > more. With only one filter in, the slope tuning will not work
> > > properly. It will not shift the passband evenly on both sides of
> > > center. But I find I hardly ever use it except on SSB.
> > >
> > > 73,
> > > Max
> > > VE3TMT
> > >
> >
> >
>
> ---
> Be a better friend, newshound, and know-it-all with Yahoo! Mobile. Try
> it now.
>
> [Non-text portions of this message have been removed]
>
>

6858. Re: [TS-850_450_690] Re: 500hz CW filter

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-20 11:51:53 UTC
From: Crownhaven
Topic: 6843 Message: 6858

OK, I seem to remember this now. If you cut the wrong pins on your radio, you are screwed, right????? So, you have to be 110% sure which pins are cut???????

ve3tmt wrote:
>
> --- In TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>, "bkimura66" <bill.kimura@...>
> wrote:
> >
> > Are there no hole slots for the remaining 3 pins, hence they
> > need to be cut? I assume then that the Kenwood filters would
> > come with just the 2 pins on each end.
>
> Bill,
>
> Personally I have never owned an Inrad filter. But I believe the
> custom board they are mounted on has two holes at each end, hence
> the cutting of the pins on the Kenwood board. Not really my way of
> doing things. The Kenwood filters have five holes on each end to fit
> perfect, no cutting is required if you use the Kenwood filters. If you
> want to see what they look like yonder over to ePay and search in the
> Ham Radio section under "oscillators and filters".
>
> Max
> VE3TMT
>
>

6859. Re: 500hz CW filter

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-20 12:24:49 UTC
From: bkimura66
Topic: 6843 Message: 6859

I've submitted an email to Inrad asking about the mod specifics. It would be nice if they made the necessary modifications to the module to accommodate the additional pins in the radio, versus forcing you to cut pins. From what I understand however, it's not really a big deal and the instructions are very clear. There seems to be a ton of people using these Inrad 400hz filters in their 850s.

- Bill

--- In TS-850_450_690@yahoogroups.com, Crownhaven <crownhaven@...> wrote:
>
> OK, I seem to remember this now. If you cut the wrong pins on your
> radio, you are screwed, right????? So, you have to be 110% sure which
> pins are cut???????
>
> ve3tmt wrote:
> >
> > --- In TS-850_450_690@yahoogroups.com
> > <mailto:TS-850_450_690%40yahoogroups.com>, "bkimura66" <bill.kimura@>
> > wrote:
> > >
> > > Are there no hole slots for the remaining 3 pins, hence they
> > > need to be cut? I assume then that the Kenwood filters would
> > > come with just the 2 pins on each end.
> >
> > Bill,
> >
> > Personally I have never owned an Inrad filter. But I believe the
> > custom board they are mounted on has two holes at each end, hence
> > the cutting of the pins on the Kenwood board. Not really my way of
> > doing things. The Kenwood filters have five holes on each end to fit
> > perfect, no cutting is required if you use the Kenwood filters. If you
> > want to see what they look like yonder over to ePay and search in the
> > Ham Radio section under "oscillators and filters".
> >
> > Max
> > VE3TMT
> >
> >
>

6860. Re: 500hz CW filter

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-20 15:43:43 UTC
From: Roland Spoon
Topic: 6843 Message: 6860

Aloha Bill,
I have Inrad filters in both IF's and find it to be excellent but
mine are the SSB filters 1.8kHZ in the 8.83 IF and 2.1 in the 455 IF.
It makes the radio a WORLD Class rig in a crowded contest band. With
the Slope Tuning it even works great on PSK. Spend the extra and get
the 455kHZ filter you will not be sorry. The INRAD filters are 10
times better than the Kenwood filters I know as I have had both.
Enjoy the new 850 they are most excellent rigs.
73 from KH6 land
Roland AH6RR

-- In TS-850_450_690@yahoogroups.com, "bkimura66" <bill.kimura@...>
wrote:
>
> Thanks Max,
> I just ordered the 400hz Inrad filter for the 1st IF.
> Thanks for the info on your results from using narrow
> filters in both IFs, as I was wondering if there'd be enough
> noticeable difference to justify the cost. I also just
> purchased the matching SP-31 external speaker so I think
> I should be good to go. I need to stop spending money. :-)
>
> - Bill
>
> --- In TS-850_450_690@yahoogroups.com, "ve3tmt" <ve3tmt@> wrote:
> >
> > Hi Bill,
> >
> > I guarantee you are going to enjoy that radio! Currently I am
using
> > only the Kenwood 500 Hz filter in the 455 IF. I do a lot of CW and
> > RTTY and the narrow filter is a big plus at cutting down the QRM.
> > The slope tuning does work at narrowing down the passband, but in
my
> > opinion it is not as good as the optional filter. At one time had
> > the 500 Hz filters in both IF's, but didn't think the difference
was
> > that great to afford both. Generally the 455 IF filters cost a bit
> > more. With only one filter in, the slope tuning will not work
> > properly. It will not shift the passband evenly on both sides of
> > center. But I find I hardly ever use it except on SSB.
> >
> > 73,
> > Max
> > VE3TMT

> >
>

6861. Re: 500hz CW filter

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-20 15:53:48 UTC
From: bkimura66
Topic: 6843 Message: 6861

Thanks for the advice Roland. Did you have to make any mods when
installing the Inrad filters? (cut pins, etc.) Aloha!

- Bill

--- In TS-850_450_690@yahoogroups.com, "Roland Spoon" <Toesonnose@...>
wrote:
>
> Aloha Bill,
> I have Inrad filters in both IF's and find it to be excellent but
> mine are the SSB filters 1.8kHZ in the 8.83 IF and 2.1 in the 455 IF.
> It makes the radio a WORLD Class rig in a crowded contest band. With
> the Slope Tuning it even works great on PSK. Spend the extra and get
> the 455kHZ filter you will not be sorry. The INRAD filters are 10
> times better than the Kenwood filters I know as I have had both.
> Enjoy the new 850 they are most excellent rigs.
> 73 from KH6 land
> Roland AH6RR
>
>
> -- In TS-850_450_690@yahoogroups.com, "bkimura66" <bill.kimura@>
> wrote:
> >
> > Thanks Max,
> > I just ordered the 400hz Inrad filter for the 1st IF.
> > Thanks for the info on your results from using narrow
> > filters in both IFs, as I was wondering if there'd be enough
> > noticeable difference to justify the cost. I also just
> > purchased the matching SP-31 external speaker so I think
> > I should be good to go. I need to stop spending money. :-)
> >
> > - Bill
> >
> > --- In TS-850_450_690@yahoogroups.com, "ve3tmt" <ve3tmt@> wrote:
> > >
> > > Hi Bill,
> > >
> > > I guarantee you are going to enjoy that radio! Currently I am
> using
> > > only the Kenwood 500 Hz filter in the 455 IF. I do a lot of CW and
> > > RTTY and the narrow filter is a big plus at cutting down the QRM.
> > > The slope tuning does work at narrowing down the passband, but in
> my
> > > opinion it is not as good as the optional filter. At one time had
> > > the 500 Hz filters in both IF's, but didn't think the difference

> was
> > > that great to afford both. Generally the 455 IF filters cost a bit
> > > more. With only one filter in, the slope tuning will not work
> > > properly. It will not shift the passband evenly on both sides of
> > > center. But I find I hardly ever use it except on SSB.
> > >
> > > 73,
> > > Max
> > > VE3TMT
> > >
> >
>

6862. Re: 500hz CW filter

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-20 16:09:20 UTC
From: Roland Spoon
Topic: 6843 Message: 6862

Yes Bill I did have to cut some pins on the board but no big deal it
does not effect the operation of the radio in fact you could install
a factory filter anytime and it would work fine as the pins cut are
extra grounds not needed in either the Inrad or Kenwood filters.
Remember "Mesure twice cut once"
Roland AH6RR

--- In TS-850_450_690@yahoogroups.com, "bkimura66" <bill.kimura@...>
wrote:
>
> Thanks for the advice Roland. Did you have to make any mods when
> installing the Inrad filters? (cut pins, etc.) Aloha!
>
> - Bill
>
> --- In TS-850_450_690@yahoogroups.com, "Roland Spoon" <Toesonnose@>
> wrote:
> >
> > Aloha Bill,
> > I have Inrad filters in both IF's and find it to be excellent but
> > mine are the SSB filters 1.8kHZ in the 8.83 IF and 2.1 in the 455
IF.
> > It makes the radio a WORLD Class rig in a crowded contest band.
With
> > the Slope Tuning it even works great on PSK. Spend the extra and
get
> > the 455kHZ filter you will not be sorry. The INRAD filters are 10
> > times better than the Kenwood filters I know as I have had both.
> > Enjoy the new 850 they are most excellent rigs.
> > 73 from KH6 land
> > Roland AH6RR
> >
> >
> > -- In TS-850_450_690@yahoogroups.com, "bkimura66" <bill.kimura@>
> > wrote:
> > >
> > > Thanks Max,
> > > I just ordered the 400hz Inrad filter for the 1st IF.
> > > Thanks for the info on your results from using narrow
> > > filters in both IFs, as I was wondering if there'd be enough
> > > noticeable difference to justify the cost. I also just
> > > purchased the matching SP-31 external speaker so I think
> > > I should be good to go. I need to stop spending money. :-)
> > >
> > > - Bill

> > >
> > > --- In TS-850_450_690@yahoogroups.com, "ve3tmt" <ve3tmt@> wrote:
> > > >
> > > > Hi Bill,
> > > >
> > > > I guarantee you are going to enjoy that radio! Currently I am
> > using
> > > > only the Kenwood 500 Hz filter in the 455 IF. I do a lot of
CW and
> > > > RTTY and the narrow filter is a big plus at cutting down the
QRM.
> > > > The slope tuning does work at narrowing down the passband,
but in
> > my
> > > > opinion it is not as good as the optional filter. At one time
had
> > > > the 500 Hz filters in both IF's, but didn't think the
difference
> > was
> > > > that great to afford both. Generally the 455 IF filters cost
a bit
> > > > more. With only one filter in, the slope tuning will not work
> > > > properly. It will not shift the passband evenly on both sides
of
> > > > center. But I find I hardly ever use it except on SSB.
> > > >
> > > > 73,
> > > > Max
> > > > VE3TMT
> > > >
> > >
> > >
> >
>

6863. Re: [TS-850_450_690] 500hz CW filter

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-20 22:47:44 UTC
From: Thomas Jones
Topic: 6843 Message: 6863

Hello...I have the filters in mine...sad part is that
I cannot remember where I put them. I believer from
the sound that I put one in each IF and cascade them.
I have 1.8 for SSB which really does not do much of
anything. The slope tune works better than the SSB
filter does. I would have to say that the 500 in the
455 position works best without the other one in.
Hope that helps some...
Tom

--- bkimura66 <bill.kimura@...> wrote:

> Greetings,
> I'm acquiring a TS-850SAT early next week. I'm told
> that it comes
> with no optional filters. I'm a new HAM but I do
> plan to use CW and
> PSK31 quite a bit. If I was to purchase just one
> filter (I'm thinking
> a 500hz), would you recommend purchasing one for the
> 455khz IF or
> 8.83mhz IF? I understand that you can cascade the
> two together, but
> I'm trying to keep costs down at the moment. If
> anyone feels that a
> CW filter isn't even necessary, I'd be interested in
> hearing why. I
> don't know very much about radios, but I've read
> many articles where
> people state that you really need some filters for
> this rig,
> especially for CW.
>
> Thanks,
> - Bill, kb1pxd
>
>

Never miss a thing. Make Yahoo your home page.
http://www.yahoo.com/r/hs

6864. Re: Necessary cables for HRD control of TS-850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-21 01:26:18 UTC
From: Dan Janda
Topic: 6836 Message: 6864

Let me agree... I ordered G4ZLP interface cables a week and a half ago... PayPal seemed to hold up the transaction a couple days, but the cables arrived yesterday and they wored perfectly with HRD software. I chose to connect unisng a USB to dual serial port adapter, and it worked well too.

Neil's cables are professional -- not the things I turn out myself!

Dan AA3LS

(By the way, your English is at least as good as mine, and I'm sure your French is BETTER! Thanks for your comment.)

--- In TS-850_450_690@yahoogroups.com, "F8EXM" <f8exm@...> wrote:
>
> Hello everybody,
>
> This must be my first post on this group, and moreover my English is
> not very good so excuse me if I do some mistakes ;o)
>
> I also command my TS-850 with HRD and I bought the DigiMaster
> DualChannel USB Data-Audio Interface
> (http://www.g4zlp.co.uk/unified/DM_DUAL_Channel.shtml). It's really
> great : you just have to plug a USB cable and two audio cables and it
> gives you one port for digital modes, another one for CAT and the last
> one for CW transmit.
>
> Works great with my TS-850 and TM-255 (just have to change the cable
> linking the interface to the transceiver), but of course with the
> TM-255 CAT won't work !
> ZLP Electronics is one of HRD's sponsors.
>
> You can't be wrong with this interface, for 120$ you have a very nice
> metallic box much cheaper than all the Rigblaster and other expensive
> interfaces.
>
> Best 73 from Yannick - F8EXM
>

6865. Re: 500hz CW filter

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-21 03:24:58 UTC
From: Randy Brothers K9OR
Topic: 6843 Message: 6865

I'll add my 2 cents here...have used every cw and ssb Kenwood and Inrad filter in some combo in my 850's. The Kenwood 500hz filters are very good, but I prefer the 400 Inrads, as I mostly operate cw, and they're great for dx/contest use. Either 500 or 400 would be helpful for psk/digital modes. Cascaded is better, but start with one in the 8.8 if first.
As pointed out previously, the slope tuning will not operate *properly* unless cascaded, but not a big deal. Cutting a few superfluous pins to use the Inrads (it will be obvious which ones when you try to plug it in) no big deal either.

73 Randy K9OR

6866. Problem with a display of ts-850.

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-21 08:20:02 UTC
From: it9rwb
Topic: 6866 Message: 6866

Hello everyone.
I wanted information from radio amateurs experts in the forum,
regarding my kenwood ts-850. Yesterday I did qso and I turned off the
equipment and everything was ok. Today I turned suddenly and the
display did not work. All the rest is ok, ok tx, rx ok, ok memories and
everything else, only the display everything black and dead. I thought
it were a problem of electrolytic capacitor C18 (470 microfarad from 16
volts) I replaced, I reset the unit but the problem continues.
Can it help?

I await info on to help solve the problem.

Is a serious thing?
73 De IT9RWB Carmel.

6867. Re: 500hz CW filter

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-21 12:06:24 UTC
From: bkimura66
Topic: 6843 Message: 6867

Thanks to everyone for all the advice. I ended up ordering the 400hz Inrad filter for the 8.83mHz IF. Depending on whether or not I decide to keep the radio, I'll order the 400hz filter for the 455kHz IF down the road. I've confirmed from Inrad that only 2 pins need to be cut on the board, and they can be cut from either side of the slot as the filter is symmetrical. According to Inrad, this filter should be placed in the YK-88C-1 slot, and switch #3 should be set to on. Thanks again for all the feedback.

- Bill

6868. Re: Problem with a display of ts-850.

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-21 16:19:00 UTC
From: Clif
Topic: 6866 Message: 6868

You need to repair the damaged traces where C18 is soldered in.

Clif

--- In TS-850_450_690@yahoogroups.com, "it9rwb" <it9rwb@...> wrote:
>
> Hello everyone.
> I wanted information from radio amateurs experts in the forum,
> regarding my kenwood ts-850. Yesterday I did qso and I turned off the
> equipment and everything was ok. Today I turned suddenly and the
> display did not work. All the rest is ok, ok tx, rx ok, ok memories and
> everything else, only the display everything black and dead. I thought
> it were a problem of electrolytic capacitor C18 (470 microfarad from 16
> volts) I replaced, I reset the unit but the problem continues.
> Can it help?
>
> I await info on to help solve the problem.
>
> Is a serious thing?
> 73 De IT9RWB Carmel.
>

6869. Re: [TS-850_450_690] Re: Carrier point adjustment

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-22 00:34:58 UTC
From: Steve Gehring
Topic: 6832 Message: 6869

Actually, I like this K6LL method...

TS-850 CARRIER SET POINT ADJUSTMENT (without instruments) submitted by K6LL:

/1. Open the little hatch on top of the radio. Locate VR501, VR502.
2. While depressing F. LOCK, turn the transceiver ON.
3. Click the M. CH. control until MENU 00 is displayed.
4. Select LSB
5. Turn the power control all the way down.
6. Push the SEND switch.
7. Make a slight adjustment to VR501 to make your voice higher or lower while speaking into the mic, listening to yourself in the monitor.
8. Put the radio in USB.
9. Make a slight adjustment to VR502 to make your voice sound higher or lower while speaking into the mic, listening to yourself in the monitor.
10. Put the SEND/RCV switch back to RCV, and then press CLR.
11. Listen to on-the-air signals on both USB and LSB to see if additional adjustment is required./

Jordan wrote:
>
> Actually, I haven't tried that method, but hopefully the carrier point
> and bandpass still match up ok when I go to SSB and CW modes with the
> narrower filters....
>
> Does anyone remember the tube type set-up for the same adjustment....?
> Was it set at the point where the carrier level was 18-20db down the
> side of the passband...? 73...Jordan....
>
> ----- Original Message -----
> From: kdrosenlund
> To: TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>
> Sent: Wednesday, March 19, 2008 9:50 AM
> Subject: [TS-850_450_690] Re: Carrier point adjustment
>
> Hi Jordan,
>
> Have you tried this method...
>
> http://n6tr.jzap.com/850repair.html#TS-850_CARRIER_SET_POINT_ADJUSTMENT
> <http://n6tr.jzap.com/850repair.html#TS-850_CARRIER_SET_POINT_ADJUSTMENT>
>
> If you put on headphones and listen through the monitor
> function, you should hear the difference while adjusting. Make sure

> your IF filters
> are set wide and the tone control is fully clockwise.
>
> -Kit
>
> --- In TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>, "Jordan" <Outposter30@...>
> wrote:
> >
> > Hi....I wonder if you guys can give me a tip or two on doing the
> > carrier point adjustment for the 850...I haven't yet been able to get
> > it to sound quite right, and I can't see that I'm actually adjusting
> > more than a voltage level, as opposed to an oscillator...
> >
> > 73....Jordan....
> >
>
> [Non-text portions of this message have been removed]
>
>
> --
>
> No virus found in this incoming message.
> Checked by AVG.
> Version: 7.5.519 / Virus Database: 269.21.7/1335 - Release Date: 3/19/2008 9:54 AM
>

[Non-text portions of this message have been removed]

6870. Re: [TS-850_450_690] Re: 500hz CW filter

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-22 00:49:20 UTC
From: Steve Gehring
Topic: 6843 Message: 6870

Bill,

Just a note... because I don't believe anyone has mentioned it yet.
With relatively matching bandwidth filters in BOTH IF's, you'll find the
variable bandwidth tuning (VBT) come ALIVE when you go that route. The
850S already has a world-class receiver, this configuration just cements
its interference fighting capabilities.

Examples of what I am talking about:

- Pairs of Kenwood 500 Hz filters in both IF's
- Pairs of INRAD 400 Hz filters in both IF's
- Pairs of INRAD 2.1 KHz filters in both IF's (Note: This narrower
pair will allow the VBT to adequately narrow down bandwidth for wider CW
operations -- equivalent in capabilities to the wider 500 Hz pair
mentioned above)

Right now, I personally have a pair of INRAD 2.8 KHz filters in both
IF's (for nice 75M SSB ops), and also a INRAD 400 Hz filter for CW in
the 8.83 MHz IF.

For the upcoming solar cycle peak, I haven't decided to go with matched
2.1 KHz or 400 Hz INRAD filters -- it depends on how heavily I delve
into CW again.

73 de Steve, NL7W
- not in but around Palmer, Alaska

bkimura66 wrote:
>
> Thanks to everyone for all the advice. I ended up ordering the 400hz
> Inrad filter for the 8.83mHz IF. Depending on whether or not I decide
> to keep the radio, I'll order the 400hz filter for the 455kHz IF down
> the road. I've confirmed from Inrad that only 2 pins need to be cut
> on the board, and they can be cut from either side of the slot as the
> filter is symmetrical. According to Inrad, this filter should be
> placed in the YK-88C-1 slot, and switch #3 should be set to on.
> Thanks again for all the feedback.
>
> - Bill
>
>
> ---
>
> No virus found in this incoming message.
> Checked by AVG.
> Version: 7.5.519 / Virus Database: 269.21.8/1338 - Release Date: 3/21/2008 5:52 PM

>

[Non-text portions of this message have been removed]

6871. Re: Problem with a display of ts-850.

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-22 16:16:55 UTC
From: it9rwb
Topic: 6866 Message: 6871

Thanks Clif
but I checked all the tracks around the condenser and C18 are all ok, I also changed the other two electrolytic capacitors from 100 microfarad 16 volts but the display still does not work. I do not understand what happened so improvvismanete. Do not know about control.

I believe that I must send rtx assistance because the problem is more serious than I thought.

Thanks to all.
73 De IT9RWB Carmelo.

--- In TS-850_450_690@yahoogroups.com, "Clif" <clif@...> wrote:
>
> You need to repair the damaged traces where C18 is soldered in.
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "it9rwb" <it9rwb@> wrote:
> >
> > Hello everyone.
> > I wanted information from radio amateurs experts in the forum,
> > regarding my kenwood ts-850. Yesterday I did qso and I turned off the
> > equipment and everything was ok. Today I turned suddenly and the
> > display did not work. All the rest is ok, ok tx, rx ok, ok memories and
> > everything else, only the display everything black and dead. I thought
> > it were a problem of electrolytic capacitor C18 (470 microfarad from 16
> > volts) I replaced, I reset the unit but the problem continues.
> > Can it help?
> >
> > I await info on to help solve the problem.
> >
> > Is a serious thing?
> > 73 De IT9RWB Carmel.
> >
>

6872. FS: Kenwood TS-850 package

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-23 05:43:45 UTC
From: Brian VA3DXV
Topic: 6872 Message: 6872

Kenwood TS-850SAT, Includes PS-53 power supply, original microphone and power cord, original users manual and original service manual. Rig has a minor issue with the speech processor on 40m and below, but if you don't use the proc, it works and sounds fantastic. Nice condition cosmetically, no marks or scratches, minor wear around some dials. Asking $700.00 for everything, firm.

6873. Validating the mods

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-25 00:33:40 UTC
From: bkimura66
Topic: 6873 Message: 6873

Greetings everyone,
My TS-850SAT will be arriving sometime tomorrow. The previous owner has claimed to have made several mods. (DDS, NB, ALC, etc.) As a new owner, is there an easy way for me to confirm what mods have been made to the radio, and whether or not they're the latest recommended mods? (i.e., can I cross-reference against some TS-850 mod list and compare component/board part numbers, etc.) Considering that I may want to sell this rig a few months down the road, and this question will most likely be asked, I'd like to be prepared to provide someone with the mod specifics. Thanks in advance!

- Bill, KB1PXD

6874. Re: Validating the mods

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-25 01:37:18 UTC
From: ve3tmt
Topic: 6873 Message: 6874

Hi Bill,

Some of the mod tests can be performed without removing the covers. For example, to check for the 60m mod, tune to one of the 60m allocated frequencies and hit the send button. If the red TX LED lights up, you're good to go.

For the NB mod, you will have to try the NB on some electrical noise like a car alternator or some power line noise. If you don't notice a difference you may have to do a visual inspection which involves removing a small board under the top cover and see if the two offending capacitors have been removed.

For the DDS mod, you have to remove a cover to actually see the CAR board. Take off the top cover and remove the metal shield on the left hand side that houses your filter switch board. The CAR board is underneath the shield.

Not sure what you mean by the ALC mod. But where to find the ALC fix?? When you remove the top cover, look directly under the wide ribbon cable on the left hand side that runs from the rear of the front panel to your filter switch board. The small circuit board fastened down below is where the NB caps are located (on the bottom side of course) and the DC-DC converter board is the little vertical one sticking up on the right hand side of the board. Some times resistors are switched on the DC-DC board to increase the negative ALC voltage. This is really just a band-aid and doesn't solve the problem.

For the broadcast band mod, tune the radio to a local AM broadcast station and note the signal strength. It should be somewhere in the 20-30 db over depending on how close it is to you. If not, then chances are the mod was not done. It involves soldering a jumper on the RF board on the bottom side of the radio.

Enjoy your '850.

Max
VE3TMT

6875. Re: Validating the mods

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-25 12:00:02 UTC
From: ei3gsb
Topic: 6873 Message: 6875

--- In TS-850_450_690@yahoogroups.com, "bkimura66" <bill.kimura@...>
wrote:Considering that I may want to sell this rig a few months down
the road, and this question will most likely be asked, I'd like to be
prepared to provide someone with the mod specifics. Thanks in advance!

- Bill, KB1PXD

May want to sell it??? If you do you'll probably regret it!

Andrew

6876. Re: Validating the mods

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-25 13:30:27 UTC
From: ve3tmt
Topic: 6873 Message: 6876

--- In TS-850_450_690@yahoogroups.com, "ei3gsb" <ei3gsb@...> wrote:

> May want to sell it??? If you do you'll probably regret it!
>
> Andrew

I can vouch for that! My current 850 is my 5th. Between owning many other radios in between I have always come back to the 850. It will still outperform many of the newer radios available today. Would love to have the 870 but they still command top dollar, and for good reason.

Max
VE3TMT

6877. Re: FS: Kenwood TS-850 package

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-25 14:57:21 UTC
From: Brian VA3DXV
Topic: 6872 Message: 6877

--- In TS-850_450_690@yahoogroups.com, "Brian VA3DXV" <bgravesx@...>
wrote:
>
> Kenwood TS-850SAT, Includes PS-53 power supply, original microphone
> and power cord, original users manual and original service manual. Rig
> has a minor issue with the speech processor on 40m and below, but if
> you don't use the proc, it works and sounds fantastic. Nice condition
> cosmetically, no marks or scratches, minor wear around some dials.
> Asking $700.00 for everything, firm.
>

This is a nice clean rig... I have pics.. make an offer with or
without PS.

6878. TS-450s

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-25 15:25:01 UTC
From: Andrew J. Peltier Jr. KI4HVN
Topic: 6878 Message: 6878

Hi all I have a problem with my ts-450 as when I turn it on it seems to be keyed up . Now my mic is not keyed my vox isn't on and my send button isn't on , is there something I'm missing? Help please.

73 KI4HVN Andy J. Peltier

6879. Re: TS-450s

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-25 15:38:19 UTC
From: Clif
Topic: 6878 Message: 6879

What do you mean "It seems to be keyed up" Red light on? No RX?

Have you disconnected everything but the power supply?

Clif

--- In TS-850_450_690@yahoogroups.com, "Andrew J. Peltier Jr. KI4HVN"
<andy_peltier@...> wrote:
>
> Hi all I have a problem with my ts-450 as when I turn it on it seems to
> be keyed up . Now my mic is not keyed my vox isn't on and my send
> button isn't on , is there something I'm missing? Help please.
>
>
> 73 KI4HVN Andy J. Peltier
>

6880. Re: [TS-850_450_690] Re: TS-450s

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-25 16:06:44 UTC
From: andy peltier
Topic: 6878 Message: 6880

Sorry I mean my power is at full scale on the power
meter and no sound as in a strong signal coming in.

73 Andy

--- Clif <clif@...> wrote:

> What do you mean "It seems to be keyed up" Red light
> on? No RX?
>
> Have you disconnected everything but the power
> supply?
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "Andrew J.
> Peltier Jr. KI4HVN"
> <andy_peltier@...> wrote:
> >
> > Hi all I have a problem with my ts-450 as when I
> turn it on it seems to
> > be keyed up . Now my mic is not keyed my vox isn't
> on and my send
> > button isn't on , is there something I'm missing?
> Help please.
> >
> >
> > 73 KI4HVN Andy J.
> Peltier
> >
>
>
>

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http://tools.search.yahoo.com/newsearch/category.php?category=shopping

6881. ts-450s

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-25 16:31:06 UTC
From: Andrew J. Peltier Jr. KI4HVN
Topic: 991 Message: 6881

Hi All boy am I stuped a friend came over and turned the rig on and then he turned the RF nob clock wise and presto. He left laughing saying Andy Andy. Just wasn't my day. Thanks for the reply.

73 Andy J. Peltier

6882. Re: Validating the mods

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-25 17:36:14 UTC
From: bkimura66
Topic: 6873 Message: 6882

My original intent was to purchase the TS-850 as an
interim radio until my K3 was shipped, and then selling
it. If it turns out to be as great as everyone is saying,
I may end up keeping it, and postponing my K3 shipment
to a later date until I can save up the money. :-)

- Bill

--- In TS-850_450_690@yahoogroups.com, "ve3tmt" <ve3tmt@...> wrote:
>
> --- In TS-850_450_690@yahoogroups.com, "ei3gsb" <ei3gsb@> wrote:
>
> > May want to sell it??? If you do you'll probably regret it!
> >
> > Andrew
>
> I can vouch for that! My current 850 is my 5th. Between owning many
> other radios in between I have always come back to the 850. It will
> still outperform many of the newer radios available today. Would love
> to have the 870 but they still command top dollar, and for good reason.
>
> Max
> VE3TMT
>

6883. Re: [TS-850_450_690] ts-450s

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-25 18:01:38 UTC
From: mblazek@bellsouth.net
Topic: 991 Message: 6883

---------- Original message from "Andrew J. Peltier Jr. KI4HVN" <andy_peltier@...>: ----------

Hi All boy am I stuped a friend came over and turned the rig on and
then he turned the RF nob clock wise and presto. He left laughing
saying Andy Andy. Just wasn't my day. Thanks for the reply.

73 Andy J. Peltier

Don't feel bad, Andy! A few months ago I bought a TS-870 through a local ham. I didn't have a chance to operate the rig before I bought it, but between knowing the guy for quite a while and trading with him in the past, I felt comfortable in his assessment of its condition (the rig belonged to another area ham who I didn't know). I got it home, made a space on the bench and fired it up. And then, I almost cried. I had never owned a radio that the receive was so poor on - signals were weak, distorted and generally crappy. Even the local AM talk station I use as a reference sucked. I checked the usual suspects - RF Gain, check. Antenna input, check. Attenuator off, check. No change. I grabbed another beer, cracked open the manual and looked things over again and there it was.... The 870 has a variable AGC control rather than a simple fast-slow-off switch, and a coworker who is also a ham but never met a knob he could resist turning had cranked it all the way back while he
was looking at it. I only kicked myself for about half an hour.....

73,
Mike N5UKZ __.

[Non-text portions of this message have been removed]

6884. Re: [TS-850_450_690] Re: Validating the mods

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-25 18:39:14 UTC
From: kremper4-850@yahoo.com
Topic: 6873 Message: 6884

Bill,

I think you have a tough choice to make! :-)

The K3 posted some superb scores in recent ARRL Lab tests. My eyes popped when I saw the results. (See this month's [April] issue of QST.) The graphical presentation of tested-rig performance QST has been using of late makes it easy to compare tested rigs. Of course, the '850's review was done before that format was adopted, but the numbers are there.

I think the TS-850 is a great rig; I love mine. But I'd welcome the chance to play a K3 alongside the '850. If you could do it, that'd be my suggestion: compare the two side by side. Your operating needs and preferences -- as well as cost -- are factors to consider.

73,

Paul / N1FB

bkimura66 <bill.kimura@...> wrote:
My original intent was to purchase the TS-850 as an
interim radio until my K3 was shipped, and then selling
it. If it turns out to be as great as everyone is saying,
I may end up keeping it, and postponing my K3 shipment
to a later date until I can save up the money. :-)

- Bill

--- In TS-850_450_690@yahoogroups.com, "ve3tmt" <ve3tmt@...> wrote:
>
> --- In TS-850_450_690@yahoogroups.com, "ei3gsb" <ei3gsb@> wrote:
>
> > May want to sell it??? If you do you'll probably regret it!
> >
> > Andrew
>
> I can vouch for that! My current 850 is my 5th. Between owning many
> other radios in between I have always come back to the 850. It will
> still outperform many of the newer radios available today. Would love
> to have the 870 but they still command top dollar, and for good reason.
>
> Max
> VE3TMT
>

[Non-text portions of this message have been removed]

6885. Re: [TS-850_450_690] Re: Validating the mods

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-25 21:27:45 UTC
From: Crownhaven
Topic: 6873 Message: 6885

I would love to try a K3. However, the 850 still can't be sold short. The performance amazes me day in and day out. I am primarily a CW op and have every one of them but one confirmed. Most of these via CW. I just can't imagine not having one. The TS-870S is nice too.

kremper4-850@... wrote:
>
> Bill,
>
> I think you have a tough choice to make! :-)
>
> The K3 posted some superb scores in recent ARRL Lab tests. My eyes
> popped when I saw the results. (See this month's [April] issue of
> QST.) The graphical presentation of tested-rig performance QST has
> been using of late makes it easy to compare tested rigs. Of course,
> the '850's review was done before that format was adopted, but the
> numbers are there.
>
> I think the TS-850 is a great rig; I love mine. But I'd welcome the
> chance to play a K3 alongside the '850. If you could do it, that'd be
> my suggestion: compare the two side by side. Your operating needs and
> preferences -- as well as cost -- are factors to consider.
>
> 73,
>
> Paul / N1FB
>
>
> bkimura66 <bill.kimura@... <mailto:bill.kimura%40gmail.com>> wrote:
> My original intent was to purchase the TS-850 as an
> interim radio until my K3 was shipped, and then selling
> it. If it turns out to be as great as everyone is saying,
> I may end up keeping it, and postponing my K3 shipment
> to a later date until I can save up the money. :-)
>
> - Bill
>
> --- In TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>, "ve3tmt" <ve3tmt@...> wrote:
> >
> > --- In TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>, "ei3gsb" <ei3gsb@> wrote:
> >
> > > May want to sell it??? If you do you'll probably regret it!
> > >

> > > Andrew
> >
> > I can vouch for that! My current 850 is my 5th. Between owning many
> > other radios in between I have always come back to the 850. It will
> > still outperform many of the newer radios available today. Would love
> > to have the 870 but they still command top dollar, and for good reason.
> >
> > Max
> > VE3TMT
> >
>
> [Non-text portions of this message have been removed]
>
>

6886. Re: [TS-850_450_690] ts-450s

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-25 22:23:46 UTC
From: Crownhaven
Topic: 991 Message: 6886

Mike, great story. I have two TS-870's. I usually operate the 850 next to one of the 870s but the 850 is off the Clif to get well again. So, I brought out the other 870 fired it up and Wow......what happened to it??????? I sat there and stared at it scratched my head a few times, stared at it a little longer and then it dawned on me. The variable AGC. Not the first time it has happened to me and probably not the last. You know what the second thing to go with age is, right????????

Steve, N4JQQ

mblazek@... wrote:
>
>
>
> -------------- Original message from "Andrew J. Peltier Jr. KI4HVN"
> <andy_peltier@... <mailto:andy_peltier%40yahoo.com>>: --------------
>
> Hi All boy am I stuped a friend came over and turned the rig on and
> then he turned the RF nob clock wise and presto. He left laughing
> saying Andy Andy. Just wasn't my day. Thanks for the reply.
>
> 73 Andy J. Peltier
>
> Don't feel bad, Andy! A few months ago I bought a TS-870 through a
> local ham. I didn't have a chance to operate the rig before I bought
> it, but between knowing the guy for quite a while and trading with him
> in the past, I felt comfortable in his assessment of its condition
> (the rig belonged to another area ham who I didn't know). I got it
> home, made a space on the bench and fired it up. And then, I almost
> cried. I had never owned a radio that the receive was so poor on -
> signals were weak, distorted and generally crappy. Even the local AM
> talk station I use as a reference sucked. I checked the usual suspects
> - RF Gain, check. Antenna input, check. Attenuator off, check. No
> change. I grabbed another beer, cracked open the manual and looked
> things over again and there it was.... The 870 has a variable AGC
> control rather than a simple fast-slow-off switch, and a coworker who
> is also a ham but never met a knob he could resist turning had cranked
> it all the way back while he
> was looking at it. I only kicked myself for about half an hour.....
>
> 73,
> Mike N5UKZ __.
>
> [Non-text portions of this message have been removed]
>

>

6887. front foot extension for ts-850?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-25 22:34:20 UTC
From: bkimura66
Topic: 6887 Message: 6887

Greetings,
I just got my TS-850 and it's SWEET! Cosmetically
it's close to perfect. (no scratches, wears, etc.)
The only cosmetic flaw is that one of the front foot
extensions is broken. It's not a huge deal, but considering
everything else is so pristine, I figured I'd make a post
to see if anyone could either sell me one, or point
me in the direction of where I could obtain one?
Any help would be greatly appreciated. Thanks everyone!

- Bill, KB1PXD

6888. Re: [TS-850_450_690] front foot extension for ts-850?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-25 22:48:53 UTC
From: Crownhaven
Topic: 6887 Message: 6888

I am looking for the extensions for a TS-870S. I found them listed at www.kenwoodparts.com. The problem is there are two different parts that appear to be the same. The best way to search is by model number, i.e., TS-850. It is a long list but you will have a hard time finding the particular part unless you have the service manual. I believe there might be a parts facility on the west coast too. Perhaps others have some ideas.

Steve, N4JQQ

bkimura66 wrote:
>
> Greetings,
> I just got my TS-850 and it's SWEET! Cosmetically
> it's close to perfect. (no scratches, wears, etc.)
> The only cosmetic flaw is that one of the front foot
> extensions is broken. It's not a huge deal, but considering
> everything else is so pristine, I figured I'd make a post
> to see if anyone could either sell me one, or point
> me in the direction of where I could obtain one?
> Any help would be greatly appreciated. Thanks everyone!
>
> - Bill, KB1PXD
>
>

6889. Re: front foot extension for ts-850?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-25 23:14:24 UTC
From: bkimura66
Topic: 6887 Message: 6889

Thanks Steve. I've checked a service menu and found the
part#. (J02-0423-04) However, on the site it lists this part as being
discontinued, and refers you to part# J02-0423-24. The description
for this part is "FOOT W/INSULATOR R600 TS-940S" Any idea if this is
compatible with the TS-850?

Thanks,

- Bill

--- In TS-850_450_690@yahoogroups.com, Crownhaven <crownhaven@...> wrote:
>
> I am looking for the extensions for a TS-870S. I found them listed at
> www.kenwoodparts.com. The problem is there are two different parts
that
> appear to be the same. The best way to search is by model number,
> i.e., TS-850. It is a long list but you will have a hard time finding
> the particular part unless you have the service manual. I believe
there
> might be a parts facility on the west coast too. Perhaps others have
> some ideas.
>
>
>
> Steve, N4JQQ
>
> bkimura66 wrote:
> >
> > Greetings,
> > I just got my TS-850 and it's SWEET! Cosmetically
> > it's close to perfect. (no scratches, wears, etc.)
> > The only cosmetic flaw is that one of the front foot
> > extensions is broken. It's not a huge deal, but considering
> > everything else is so pristine, I figured I'd make a post
> > to see if anyone could either sell me one, or point
> > me in the direction of where I could obtain one?
> > Any help would be greatly appreciated. Thanks everyone!
> >
> > - Bill, KB1PXD
> >
> >
>

6890. Kenwood interface wanted

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-25 22:23:24 UTC
From: Jordan
Topic: 6890 Message: 6890

Hi...Im looking for an RS-232 interface for Kenwood TS-850s or 450S... I have just had surgery on my hands, otherwise I'd probably just build something....I'm in Calgary Canada...let me know if you have anything like an IF-232C with cable, or an inline MAX-232 type device, or anything as long as it's protected and uses opto-isolation......73...Jordan.....

[Non-text portions of this message have been removed]

6891. Re: [TS-850_450_690] Kenwood interface wanted

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-26 00:43:07 UTC
From: Mike Blazek
Topic: 6890 Message: 6891

Jordan wrote:
>
> Hi...Im looking for an RS-232 interface for Kenwood TS-850s or 450S...
> I have just had surgery on my hands, otherwise I'd probably just build
> something....I'm in Calgary Canada...let me know if you have anything
> like an IF-232C with cable, or an inline MAX-232 type device, or
> anything as long as it's protected and uses
> opto-isolation......73...Jordan.....
>

Hi, Jordan:

Try the Piexx -
http://www.piexx.com/index.php?main_page=product_info&cPath=7&products_id=23

I've used one with a TS-690 and 790.

73,
Mike

> --
>

6892. Re: [TS-850_450_690] TS-450s

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-26 01:13:15 UTC
From: Tom Osborne
Topic: 6878 Message: 6892

Are you hooked to a computer? Sometimes something in there will key the
radio. 73
Tom W7WHY

> Hi all I have a problem with my ts-450 as when I turn it on it seems to
> be keyed up . Now my mic is not keyed my vox isn't on and my send
> button isn't on , is there something I'm missing? Help please.

6893. Re: [TS-850_450_690] Kenwood interface wanted

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-26 01:21:47 UTC
From: Tom Osborne
Topic: 6890 Message: 6893

Hi Jordan

Go to eBay and do a search for G4ZLP. He sells a great interface for the TS-450SAT. I have 2 of them here along with 1 for my Yaesu. Price is right and great service. They are plug and play. 73
Tom W7WHY

> Hi...Im looking for an RS-232 interface for Kenwood TS-850s or 450S... I
> have just had surgery on my hands, otherwise I'd probably just build
> something....I'm in Calgary Canada...let me know if you have anything like
> an IF-232C with cable, or an inline MAX-232 type device, or anything as
> long as it's protected and uses opto-isolation......73...Jordan.....

6894. Re: Kenwood interface wanted

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-26 01:31:11 UTC
From: Dan Janda
Topic: 6890 Message: 6894

Jordan,

Let me second the below opinion. I bought two of the
IF-232-equivalent interfaces from Neil (one for the 850 and one for my
790. Work great, good price, quick delivery (a bit over a week from
start to finish, but PayPal took a couple days to pay Neil over there
which delayed everything a couple days... still, less than two weeks
in total order to parts in hand.

HamRadio Deluxe works well in controlling my rig, and its price is right.

Dan

--- In TS-850_450_690@yahoogroups.com, "Tom Osborne" <w7why@...> wrote:
>
> Hi Jordan
>
> Go to eBay and do a search for G4ZLP. He sells a great interface
for the
> TS-450SAT. I have 2 of them here along with 1 for my Yaesu. Price
is right
> and great service. They are plug and play. 73
> Tom W7WHY
>
>
> > Hi...Im looking for an RS-232 interface for Kenwood TS-850s or
450S... I
> > have just had surgery on my hands, otherwise I'd probably just build
> > something....I'm in Calgary Canada...let me know if you have
anything like
> > an IF-232C with cable, or an inline MAX-232 type device, or
anything as
> > long as it's protected and uses opto-isolation......73...Jordan.....
>

6895. Re: [TS-850_450_690] ts-450s

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-26 01:10:28 UTC
From: Mike Blazek
Topic: 991 Message: 6895

Crownhaven wrote:
>
> Mike, great story. I have two TS-870's. I usually operate the 850 next
> to one of the 870s but the 850 is off the Clif to get well again. So, I
> brought out the other 870 fired it up and Wow......what happened to
> it??????? I sat there and stared at it scratched my head a few times,
> stared at it a little longer and then it dawned on me. The variable
> AGC. Not the first time it has happened to me and probably not the
> last. You know what the second thing to go with age is, right????????
>
> Steve, N4JQQ
>

Yeah, I do - forget what the first thing is though....

> <mailto:mblazek%40bellsouth.net>
>
>
>
>

6896. Re: front foot extension for ts-850?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-26 03:33:31 UTC
From: Clif
Topic: 6887 Message: 6896

A quicky course on Kenwood's parts system.

The first 3 indicate the category of part, The next 4 are the PN, the last 2 are the rev #.

In your case the original PN was J02-0423-04 which was replaced by the J02-0423-14 which was replaced by the J02-0423-24. Same part different Rev #. Note the category and PN stayed the same. The rev changed to an upgraded or modified part, same function and fit.

The foot on the 850 is a 2 part deal. The extension or outer piece is PN J02-0423-24. The inner piece is J02-0424-04.

The 870 is a one piece deal J02-0474-05 or by now it could be a -15 or -25.

Get the picture?

Clif

--- In TS-850_450_690@yahoogroups.com, "bkimura66" <bill.kimura@...> wrote:
>
> Thanks Steve. I've checked a service menu and found the
> part#. (J02-0423-04) However, on the site it lists this part as being
> discontinued, and refers you to part# J02-0423-24. The description
> for this part is "FOOT W/INSULATOR R600 TS-940S" Any idea if this is
> compatible with the TS-850?
>
> Thanks,
>
> - Bill
>
> --- In TS-850_450_690@yahoogroups.com, Crownhaven <crownhaven@> wrote:
> >
> > I am looking for the extensions for a TS-870S. I found them listed at
> > www.kenwoodparts.com. The problem is there are two different parts that
> > appear to be the same. The best way to search is by model number,
> > i.e., TS-850. It is a long list but you will have a hard time finding
> > the particular part unless you have the service manual. I believe there
> > might be a parts facility on the west coast too. Perhaps others have
> > some ideas.
> >

> >
> >
> > Steve, N4JQQ
> >
> > bkimura66 wrote:
> > >
> > > Greetings,
> > > I just got my TS-850 and it's SWEET! Cosmetically
> > > it's close to perfect. (no scratches, wears, etc.)
> > > The only cosmetic flaw is that one of the front foot
> > > extensions is broken. It's not a huge deal, but considering
> > > everything else is so pristine, I figured I'd make a post
> > > to see if anyone could either sell me one, or point
> > > me in the direction of where I could obtain one?
> > > Any help would be greatly appreciated. Thanks everyone!
> > >
> > > - Bill, KB1PXD
> > >
> > >
> >
>

6897. Re: front foot extension for ts-850?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-26 09:54:52 UTC
From: bkimura66
Topic: 6887 Message: 6897

Very good Clif. Thank you for the detailed explanation.
Now I just need to figure out if I need the inner piece
is broken as well. Considering how cheap the parts are,
I may just order a pair of each and replace both front
feet.

Thanks,

- Bill

--- In TS-850_450_690@yahoogroups.com, "Clif" <clif@...> wrote:
>
> A quicky course on Kenwood's parts system.
>
> The first 3 indicate the category of part, The next 4 are the PN, the
> last 2 are the rev #.
>
> In your case the original PN was J02-0423-04 which was replaced by the
> J02-0423-14 which was replaced by the J02-0423-24. Same part different
> Rev #. Note the category and PN stayed the same. The rev changed to an
> upgraded or modified part, same function and fit.
>
> The foot on the 850 is a 2 part deal. The extension or outer piece is
> PN J02-0423-24. The inner piece is J02-0424-04.
>
> The 870 is a one piece deal J02-0474-05 or by now it could be a -15 or
> -25.
>
> Get the picture?
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "bkimura66" <bill.kimura@>
> wrote:
> >
> > Thanks Steve. I've checked a service menu and found the
> > part#. (J02-0423-04) However, on the site it lists this part as being
> > discontinued, and refers you to part# J02-0423-24. The description
> > for this part is "FOOT W/INSULATOR R600 TS-940S" Any idea if this is
> > compatible with the TS-850?
> >
> > Thanks,
> >
> > - Bill
> >
> > --- In TS-850_450_690@yahoogroups.com, Crownhaven <crownhaven@> wrote:

> > >
> > > I am looking for the extensions for a TS-870S. I found them
> listed at
> > > www.kenwoodparts.com. The problem is there are two different parts
> > that
> > > appear to be the same. The best way to search is by model number,
> > > i.e., TS-850. It is a long list but you will have a hard time
> finding
> > > the particular part unless you have the service manual. I believe
> > there
> > > might be a parts facility on the west coast too. Perhaps others
have
> > > some ideas.
> > >
> > >
> > >
> > > Steve, N4JQQ
> > >
> > > bkimura66 wrote:
> > > >
> > > > Greetings,
> > > > I just got my TS-850 and it's SWEET! Cosmetically
> > > > it's close to perfect. (no scratches, wears, etc.)
> > > > The only cosmetic flaw is that one of the front foot
> > > > extensions is broken. It's not a huge deal, but considering
> > > > everything else is so pristine, I figured I'd make a post
> > > > to see if anyone could either sell me one, or point
> > > > me in the direction of where I could obtain one?
> > > > Any help would be greatly appreciated. Thanks everyone!
> > > >
> > > > - Bill, KB1PXD
> > > >
> > > >
> > > >
> > >
> >
>

6898. Transverter mod?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-26 14:50:08 UTC
From: bkimura66
Topic: 6898 Message: 6898

Hello everyone,
I received my TS-850 yesterday afternoon and I noticed that the previous owner (or the owner before him) appears to have made some sort of Transverter mod. I know very little about HF radios but is this anything that I should be concerned about? Please follow the URL below to see the back of the radio:

http://bkimura.smugmug.com/gallery/4588540_zMDQZ#270554924_HxaRV-A-LB

I have emailed the previous owner to see if he can elaborate on the mod. If there's anything I should checkout, please advise.

Thanks!

- Bill

6899. Re: Transverter mod?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-26 16:09:01 UTC
From: ve3tmt
Topic: 6898 Message: 6899

Hi Bill,

I once performed a similar mod on one of my 850's. In my case I broke the line from the RF board going to the input of the final amp. This way, you get a low level signal to drive a transverter, in my case the TenTec 1210. I actually routed the RF through a switchbox so I didn't have to keep removing the coax jumper to run HF.

73,

Max
VE3TMT

6900. Re: Transverter mod?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-26 16:12:28 UTC
From: bkimura66
Topic: 6898 Message: 6900

Thanks Max. The radio appears to be working fine, but I'm concerned that this mod may somehow impact the radio in a manner that I haven't yet discovered. At this point I'm only receiving so I haven't been able to test transmitting on the various bands, etc.

- Bill

--- In TS-850_450_690@yahoogroups.com, "ve3tmt" <ve3tmt@...> wrote:
>
> Hi Bill,
>
> I once performed a similar mod on one of my 850's. In my case I broke
> the line from the RF board going to the input of the final amp. This
> way, you get a low level signal to drive a transverter, in my case the
> TenTec 1210. I actually routed the RF through a switchbox so I didn't
> have to keep removing the coax jumper to run HF.
>
> 73,
>
> Max
> VE3TMT
>

6901. Re: Transverter mod?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-26 17:06:32 UTC
From: ve3tmt
Topic: 6898 Message: 6901

Bill,

After looking at the picture of your rig again, that doesn't look to be the same mod as the one I did. It appears that you have a separate low level TX output, and a separate receive input. I would not suggest using a jumper between these two points. Once you get transmitting, check the output power on the TX jack and see what you get.

Max
VE3TMT

6902. Re: [TS-850_450_690] Re: Transverter mod?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-26 17:34:40 UTC
From: SQ6MS Maciek
Topic: 6898 Message: 6902

Hi Bill

I think that is similar to the modification made by TK5EP:

http://tk5ep.free.fr/tech/ts850/en/ts850_g.php#TS850S%20SEPARATE%20ANTENNA

Look at the Fig. 1 and 3

I think this modification will have no affect to the preformance on HF.
Proably you can ask TK5EP about details of his modification if you
discover that it`s similar to yours.

--
Vy 73 de Maciek ... --.- -.... -- ...

bkimura66 pisze:
>
>
> Thanks Max. The radio appears to be working fine, but I'm concerned
> that this mod may somehow impact the radio in a manner that I haven't
> yet discovered. At this point I'm only receiving so I haven't been
> able to test transmitting on the various bands, etc.
>
> - Bill
>
> --- In TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>, "ve3tmt" <ve3tmt@...> wrote:
> >
> > Hi Bill,
> >
> > I once performed a similar mod on one of my 850's. In my case I broke
> > the line from the RF board going to the input of the final amp. This
> > way, you get a low level signal to drive a transverter, in my case the
> > TenTec 1210. I actually routed the RF through a switchbox so I didn't
> > have to keep removing the coax jumper to run HF.
> >
> > 73,
> >
> > Max
> > VE3TMT
> >
>

6903. TS 850 Display reading all 8's

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-26 17:29:52 UTC
From: bigfork04
Topic: 6903 Message: 6903

Any ideas on what could cause the display to read mostly 888's when powered up. I did a reset on powering up and still have it. I don not know when or if the battery was last replaced.

Jim
KL1J

6904. Re: [TS-850_450_690] TS 850 Display reading all 8's

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-26 19:52:45 UTC
From: Dennis Bombardiere
Topic: 6903 Message: 6904

Sounds like the battery to me. Dennis W8YS

----- Original Message -----
From: bigfork04
To: TS-850_450_690@yahoogroups.com
Sent: Wednesday, March 26, 2008 1:29 PM
Subject: [TS-850_450_690] TS 850 Display reading all 8's

Any ideas on what could cause the display to read mostly 888's when
powered up. I did a reset on powering up and still have it. I don not
know when or if the battery was last replaced.

Jim
KL1J

[Non-text portions of this message have been removed]

6905. Re: [TS-850_450_690] TS 850 Display reading all 8's

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-26 21:04:50 UTC
From: ve3wej gmail
Topic: 6903 Message: 6905

battery is for backup only, i think

VE3WEJ
Dave Garber

10-X # 23465
echolink # 52852
irlp node 2202
email ve3wej@...
----- Original Message -----
From: Dennis Bombardiere
To: TS-850_450_690@yahoogroups.com
Sent: Wednesday, March 26, 2008 3:52 PM
Subject: Re: [TS-850_450_690] TS 850 Display reading all 8's

Sounds like the battery to me. Dennis W8YS

----- Original Message -----
From: bigfork04
To: TS-850_450_690@yahoogroups.com
Sent: Wednesday, March 26, 2008 1:29 PM
Subject: [TS-850_450_690] TS 850 Display reading all 8's

Any ideas on what could cause the display to read mostly 888's when
powered up. I did a reset on powering up and still have it. I don not
know when or if the battery was last replaced.

Jim
KL1J

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

6906. Re: TS 850 Display reading all 8's

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-26 21:57:49 UTC
From: ve3tmt
Topic: 6903 Message: 6906

--- In TS-850_450_690@yahoogroups.com, "ve3wej gmail" <ve3wej@...> wrote:
>
> battery is for backup only, i think
>
> VE3WEJ
> Dave Garber

If you can't remember when it was last changed, change it!

It won't hurt anything. Move it to a convenient location.

Max
VE3TMT

6907. Re: Transverter mod?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-26 22:19:49 UTC
From: bkimura66
Topic: 6898 Message: 6907

I meant to ask. Does anyone think that the transverter
mod will hurt the resale value?

Thanks,
- Bill

--- In TS-850_450_690@yahoogroups.com, SQ6MS Maciek <sq6ms@...> wrote:
>
> Hi Bill
>
> I think that is similar to the modification made by TK5EP:
>
>
http://tk5ep.free.fr/tech/ts850/en/ts850_g.php#TS850S%20SEPARATE%20ANTENNA
>
> Look at the Fig. 1 and 3
>
> I think this modification will have no affect to the preformance on HF.
> Proably you can ask TK5EP about details of his modification if you
> discover that it`s similar to yours.
>
>
> --
> Vy 73 de Maciek ... --.- -.... -- ...
>
>
> bkimura66 pisze:
> >
> >
> > Thanks Max. The radio appears to be working fine, but I'm concerned
> > that this mod may somehow impact the radio in a manner that I haven't
> > yet discovered. At this point I'm only receiving so I haven't been
> > able to test transmitting on the various bands, etc.
> >
> > - Bill
> >
> > --- In TS-850_450_690@yahoogroups.com
> > <mailto:TS-850_450_690%40yahoogroups.com>, "ve3tmt" <ve3tmt@> wrote:
> > >
> > > Hi Bill,
> > >
> > > I once performed a similar mod on one of my 850's. In my case I
broke
> > > the line from the RF board going to the input of the final amp.
This

> > > way, you get a low level signal to drive a transverter, in my
case the
> > > TenTec 1210. I actually routed the RF through a switchbox so I
didn't
> > > have to keep removing the coax jumper to run HF.
> > >
> > > 73,
> > >
> > > Max
> > > VE3TMT
> > >
> >
>

6908. Re: Transverter mod?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-26 22:50:04 UTC
From: ve3tmt
Topic: 6898 Message: 6908

--- In TS-850_450_690@yahoogroups.com, "bkimura66" <bill.kimura@...>
wrote:
>
> I meant to ask. Does anyone think that the transverter
> mod will hurt the resale value?

Debatable Bill. The IF OUT jack can be configured for use as a
transverter RF out signal. If it is in fact the separate RX antenna
mod, it is a very popular one.

Max
VE3TMT

6909. Re: Transverter mod?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-26 23:07:19 UTC
From: bkimura66
Topic: 6898 Message: 6909

Thanks Max,
This is from the previous owner:

.......Pressing the button switches the signal to the driver stage
completely
so there is apparently no danger of accidentally transmitting into a
transverter.
The RX input is also switched away from the main antenna jack to the BNC
connector in back.........

Not sure if that answers much though.

- Bill

--- In TS-850_450_690@yahoogroups.com, "ve3tmt" <ve3tmt@...> wrote:
>
> --- In TS-850_450_690@yahoogroups.com, "bkimura66" <bill.kimura@>
> wrote:
> >
> > I meant to ask. Does anyone think that the transverter
> > mod will hurt the resale value?
>
> Debatable Bill. The IF OUT jack can be configured for use as a
> transverter RF out signal. If it is in fact the separate RX antenna
> mod, it is a very popular one.
>
> Max
> VE3TMT
>

6910. Re: Transverter mod?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-26 23:27:12 UTC
From: ve3tmt
Topic: 6898 Message: 6910

--- In TS-850_450_690@yahoogroups.com, "bkimura66" <bill.kimura@...>
wrote:
>
> Thanks Max,
> This is from the previous owner:
>
> ....Pressing the button switches the signal to the driver stage
> completely
> so there is apparently no danger of accidentally transmitting into a
> transverter.
> The RX input is also switched away from the main antenna jack to the BNC
> connector in back.........
>
> Not sure if that answers much though.

Which button is he talking about Bill?

6911. Re: Transverter mod?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-26 23:30:40 UTC
From: bkimura66
Topic: 6898 Message: 6911

Sorry, left out part of his email:

The front panel "Dim" button activates it...turns out the TS-850 doesn't
have an abundance of display brightness so the dim button appears to
have been a logical choice....you wouldn't really want to dim an 850
display anyway!

--- In TS-850_450_690@yahoogroups.com, "ve3tmt" <ve3tmt@...> wrote:
>
> --- In TS-850_450_690@...m, "bkimura66" <bill.kimura@>
> wrote:
> >
> > Thanks Max,
> > This is from the previous owner:
> >
> > ....Pressing the button switches the signal to the driver stage
> > completely
> > so there is apparently no danger of accidentally transmitting into a
> > transverter.
> > The RX input is also switched away from the main antenna jack to
the BNC
> > connector in back.........
> >
> > Not sure if that answers much though.
>
>
> Which button is he talking about Bill?
>

6912. Re: [TS-850_450_690] Re: Transverter mod?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-27 00:15:34 UTC
From: WN9D
Topic: 6898 Message: 6912

I operate my 850 with the display dimmed. I figure it saves wear and tear on the display, and I don't have any issues reading the display that way.

'73, Randy WN9D

----- Original Message -----
From: bkimura66
To: TS-850_450_690@yahoogroups.com
Sent: Wednesday, March 26, 2008 6:30 PM
Subject: [TS-850_450_690] Re: Transverter mod?

Sorry, left out part of his email:

The front panel "Dim" button activates it...turns out the TS-850 doesn't
have an abundance of display brightness so the dim button appears to
have been a logical choice....you wouldn't really want to dim an 850
display anyway!

--- In TS-850_450_690@yahoogroups.com, "ve3tmt" <ve3tmt@...> wrote:
>
> --- In TS-850_450_690@yahoogroups.com, "bkimura66" <bill.kimura@>
> wrote:
> >
> > Thanks Max,
> > This is from the previous owner:
> >
> > ....Pressing the button switches the signal to the driver stage
> > completely
> > so there is apparently no danger of accidentally transmitting into a
> > transverter.
> > The RX input is also switched away from the main antenna jack to
the BNC
> > connector in back.........
> >
> > Not sure if that answers much though.
>
>
> Which button is he talking about Bill?
>

[Non-text portions of this message have been removed]

6913. Dim Display -- was Re: Transverter mod?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-27 15:16:48 UTC
From: Dan Janda
Topic: 6898 Message: 6913

Actually, our kitchen stove has a similar display for time and temperature, using the Vacuum Florescent Display technology. Over the past 15 years or so, the brightness has dimmed a lot (like burned-in phosphors on a static CRT display, or "used up" electron emission). Replacement of this component is far more expensive than a new stove these days! If you can see the display on dim, you may well extend its life a lot. (Computer control seems to be an option here, as well.)

Dan

--- In TS-850_450_690@yahoogroups.com, "WN9D" <wn9d@...> wrote:
>
>
> I operate my 850 with the display dimmed. I figure it saves wear and tear on the display, and I don't have any issues reading the display that way.
>
> '73, Randy WN9D
>
> ----- Original Message -----
> From: bkimura66
> To: TS-850_450_690@yahoogroups.com
> Sent: Wednesday, March 26, 2008 6:30 PM
> Subject: [TS-850_450_690] Re: Transverter mod?
>
>
> Sorry, left out part of his email:
>
> The front panel "Dim" button activates it...turns out the TS-850 doesn't
> have an abundance of display brightness so the dim button appears to
> have been a logical choice....you wouldn't really want to dim an 850
> display anyway!
>
> --- In TS-850_450_690@yahoogroups.com, "ve3tmt" <ve3tmt@> wrote:
> >
> > --- In TS-850_450_690@yahoogroups.com, "bkimura66" <bill.kimura@>
> > wrote:
> > >
> > > Thanks Max,
> > > This is from the previous owner:
> > >
> > > ....Pressing the button switches the signal to the driver stage
> > > completely
> > > so there is apparently no danger of accidentally transmitting

into a
> > > transverter.
> > > The RX input is also switched away from the main antenna jack to
> the BNC
> > > connector in back.........
> > >
> > > Not sure if that answers much though.
> >
> >
> > Which button is he talking about Bill?
> >
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

6914. Re: [TS-850_450_690] Re: Kenwood interface wanted

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-27 16:37:56 UTC
From: Jordan
Topic: 6890 Message: 6914

Thanks for the tips gang...I've ordered a pair of these from Neil....73...Jordan...

----- Original Message -----
From: Dan Janda
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, March 25, 2008 7:31 PM
Subject: [TS-850_450_690] Re: Kenwood interface wanted

Jordan,

Let me second the below opinion. I bought two of the
IF-232-equivalent interfaces from Neil (one for the 850 and one for my
790. Work great, good price, quick delivery (a bit over a week from
start to finish, but PayPal took a couple days to pay Neil over there
which delayed everything a couple days... still, less than two weeks
in total order to parts in hand.

HamRadio Deluxe works well in controlling my rig, and its price is right.

Dan

--- In TS-850_450_690@yahoogroups.com, "Tom Osborne" <w7why@...> wrote:
>
> Hi Jordan
>
> Go to eBay and do a search for G4ZLP. He sells a great interface
for the
> TS-450SAT. I have 2 of them here along with 1 for my Yaesu. Price
is right
> and great service. They are plug and play. 73
> Tom W7WHY
>
>
> > Hi...Im looking for an RS-232 interface for Kenwood TS-850s or
450S... I
> > have just had surgery on my hands, otherwise I'd probably just build
> > something....I'm in Calgary Canada...let me know if you have
anything like
> > an IF-232C with cable, or an inline MAX-232 type device, or
anything as
> > long as it's protected and uses opto-isolation......73...Jordan.....
>

[Non-text portions of this message have been removed]

6916. QRN/QRM reduction tips for TS-850?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-28 11:38:32 UTC
From: bkimura66
Topic: 6916 Message: 6916

Greetings everyone,
Can anyone recommend some tips for getting rid of background noise on a TS-850? I'm referring to the typical hissing/crackling that you hear on the bands. I've done the following thus far: (Please let me know if I'm on the right track)

* Activated AIP - My understanding is that activating AIP disables the pre-amp, which really isn't needed on most of the bands. It just seems to amplify the noise as well as the signal and doesn't improve your signal-noise ratio at all.
* Reduced RF Gain - This has helped the most. By backing off the RF Gain from "10" to about "8" or "9" seems to help tremendously. This seems to control the signal strength at which a signal will be attenuated. (i.e, if I adjust the RF Gain to S7 on the meter, all signals that are weaker than S7, such as noise, etc., are attenuated) The one side-effect seems to be that you could miss a weak signal while scanning through the bands.
* Slope Tune - This helps some.
* Notch Filter - This can help, but for most signals, it seems to hinder the audio quality some so I tend not to use it.
NB Filters - These don't seem to do anything when dealing with typical band noise.

I'd be very interested to hear from other experienced TS-850 owners as to what they've found to work best when dealing with noise. I love the receiver on this radio and it seems to have an enrmous amount of potential if adjusted properly. This is my first HF rig so I've been just winging it the past couple of days experimenting with different settings.

Thanks,
- Bill, KB1PXD

6917. Re: QRN/QRM reduction tips for TS-850?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-28 12:21:19 UTC
From: bkimura66
Topic: 6916 Message: 6917

I stand corrected on the NB. I've noticed that either NB1 OR NB2 (I have them both on now) will pretty much eliminate the "crackling" sound that I'm hearing on 80m.

- Bill

--- In TS-850_450_690@yahoogroups.com, "bkimura66" <bill.kimura@...> wrote:
>
> Greetings everyone,
> Can anyone recommend some tips for getting rid of background noise on
> a TS-850? I'm referring to the typical hissing/crackling that you
> hear on the bands. I've done the following thus far: (Please let me
> know if I'm on the right track)
>
> * Activated AIP - My understanding is that activating AIP disables the
> pre-amp, which really isn't needed on most of the bands. It just
> seems to amplify the noise as well as the signal and doesn't improve
> your signal-noise ratio at all.
> * Reduced RF Gain - This has helped the most. By backing off the RF
> Gain from "10" to about "8" or "9" seems to help tremendously. This
> seems to control the signal strength at which a signal will be
> attenuated. (i.e, if I adjust the RF Gain to S7 on the meter, all
> signals that are weaker than S7, such as noise, etc., are attenuated)
> The one side-effect seems to be that you could miss a weak signal
> while scanning through the bands.
> * Slope Tune - This helps some.
> * Notch Filter - This can help, but for most signals, it seems to
> hinder the audio quality some so I tend not to use it.
> NB Filters - These don't seem to do anything when dealing with typical
> band noise.
>
> I'd be very interested to hear from other experienced TS-850 owners as
> to what they've found to work best when dealing with noise. I love
> the receiver on this radio and it seems to have an enrmous amount of
> potential if adjusted properly. This is my first HF rig so I've been
> just winging it the past couple of days experimenting with different
> settings.
>
> Thanks,
> - Bill, KB1PXD
>

6918. Re: QRN/QRM reduction tips for TS-850?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-28 12:26:57 UTC
From: ve3tmt
Topic: 6916 Message: 6918

Hey Bill,

The 850 receiver was rated one of the best in the Sherwood reviews. It looks like you are doing everything right so far. I never turn my AIP off. The notch filter is an excellent one, but yes in some cases it does hamper the receive. By using a combination of the slope tuning and notch I have been able to work lots of nice DX on 40 CW and I still need my narrow filter in!

If you don't notice any difference when you activate the noise blanker it is possible the mod has not been done. You may need to experiment on different types of noise to be sure. The mod is very easy to do, it take more time to get at the board than doing the mod itself! There is information in both the FILES and PHOTO sections of this group.

Have you tried any external audio filtering? The Timewave DSP series are very nice and I had great success with the DSP9+. I am now using a program called DSPFIL,

http://www33.ocn.ne.jp/~je3hht/

It is a basic audio DSP program that do help alot with its DSP functions. Of course it is only audio DSP, not IF, so strong nearby stations may defeat its effectiveness.

Enjoy the 850! Still want a K3??

73,
Max

6919. Re: QRN/QRM reduction tips for TS-850?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-28 12:53:03 UTC
From: bkimura66
Topic: 6916 Message: 6919

Thanks for the quick reply Max. You've probably seen my follow-up post by now but the NB settings (either one) does in fact remove some of the crackling/popcorn-popping sound that you sometimes hear. I've also noticed that it'll drop the noise on the S-meter a fair amount as well. This is a late serial number rig, (S/N 71200055) and the previous owner did numerous mods when he first received the radio, including the NB mod. Although I don't have another HF rig to compare it to as my previous receiver was a Grundig G5 SW radio, it truly appears to be a magnificent radio. Although I have no plans of canceling the K3 order, I'm starting to seriously consider keeping the TS-850 and just delaying the K3 shipment until a later time. I added the 400hz Inrad filter yesterday and I've picked up the SP-31 speaker. It's hard to imagine that you can do much better than this radio, especially from a receiver perspective. Thanks again for the response.

- Bill

--- In TS-850_450_690@yahoogroups.com, "ve3tmt" <ve3tmt@...> wrote:
>
> Hey Bill,
>
> The 850 receiver was rated one of the best in the Sherwood reviews. It
> looks like you are doing everything right so far. I never turn my AIP
> off. The notch filter is an excellent one, but yes in some cases it
> does hamper the receive. By using a combination of the slope tuning
> and notch I have been able to work lots of nice DX on 40 CW and I
> still need my narrow filter in!
>
> If you don't notice any difference when you activate the noise blanker
> it is possible the mod has not been done. You may need to experiment
> on different types of noise to be sure. The mod is very easy to do, it
> take more time to get at the board than doing the mod itself! There is
> information in both the FILES and PHOTO sections of this group.
>
> Have you tried any external audio filtering? The Timewave DSP series
> are very nice and I had great success with the DSP9+. I am now using a
> program called DSPFIL,
>
> http://www33.ocn.ne.jp/~je3hht/
>
> It is a basic audio DSP program that do help alot with its DSP
> functions. Of course it is only audio DSP, not IF, so strong nearby
> stations may defeat its effectiveness.
>
> Enjoy the 850! Still want a K3??

>
> 73,
> Max
>

6920. Re: QRN/QRM reduction tips for TS-850?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-29 15:06:43 UTC
From: raymond
Topic: 6916 Message: 6920

--- In TS-850_450_690@yahoogroups.com, "bkimura66" <bill.kimura@...>
wrote:
>

> * Reduced RF Gain - This has helped the most. By backing off the RF
> Gain from "10" to about "8" or "9" seems to help tremendously. This
> seems to control the signal strength at which a signal will be
> attenuated. (i.e, if I adjust the RF Gain to S7 on the meter, all
> signals that are weaker than S7, such as noise, etc., are attenuated)

I don't know about that. My experience is I turn the so called rf gain
all the way up. And use the volume control. The human ear has a non
linear roll off, I use that roll off, to tweak out the noise.

I remember when they used to dupe VHS tapes they used an enhancer that
put noise into the video. I use the notch and slope controls to get
the noise pleasant to the ear, to the point where I can hear the
signal better, even though, if you put it on a scope it would make you
wonder how you could hear any signal in all that noise.

Most of the signals I see don't even budge the s meter no matter where
it's the rf gain is set. I only had this rig for 3 months.

6921. Re: QRN/QRM reduction tips for TS-850?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-29 16:05:56 UTC
From: raymond
Topic: 6916 Message: 6921

--- In TS-850_450_690@yahoogroups.com, "bkimura66" <bill.kimura@...>
wrote:
>
> NB Filters - These don't seem to do anything when dealing with typical
> band noise.

>
I just turned on my stove and the ignitor circuit creates noise that
the noise blanker takes out. Turned on the blanker and the noise was
gone. I imagine that it would be good in the mobile taking out
ignition noise.

6922. Re: [TS-850_450_690] QRN/QRM reduction tips for TS-850?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-29 20:18:26 UTC
From: Steve Gehring
Topic: 6916 Message: 6922

I like the interesting comments so far. I say adjust your radio's receiver by trying the different methods presented here.

I have a few suggestions after owning TS-850SAT's since their inception and offering:

* Use slow AGC when you can. It's smoothing effect is noticeably easier on the ears.
* Engage the AIP zero-sum (or low-gain) front-end stage on 160, 80/75, and 40 meters -- or on bands full of really strong, greater than S9 signals. It improves the receiver's intercept point slightly, but the reduction in atmospherics is noticeable.
* Reduce your RF Gain, with or without the AIP engagement. If signal strengths vary greatly, drop the AGC response time from slow to medium for quicker SSB recovery of the first syllables or short words. Almost exclusively, I run the AGC at medium on CW or digital operations, adjusting the RF Gain and AIP features accordingly.
* Usually, I run my volume control pretty high, pushing the audio amp's dynamic headroom to near distortion levels. I suffered multiple ear infections and a high fever as a child and baby, and listened to loud Rock as a teen (still do once in awhile!), and spent 21 years around flight lines in the Air Force, so I have lost some of my overall hearing. But that being the case, having most of the receiver's audio dynamic range (the TS-850S series have wonderful, wide dynamic range audio amps for ham rigs) through high, near distortion level settings, allows you to tailor the receiver's astounding RF dynamic range capabilities using the RF Gain, AIP, and other interference fighting features available, such as the effective VBT controls.

Someday soon, I am purchasing LDG's RCA-14 breakout box for the 13-pin DIN connector. It'll offer quick change flexibility for varied station activities. One of those, is accessing the fixed, low-level audio output of the 850. I have a nice Bogen 20-watt audio PA amplifier I'd like to use while operating CW, possibly SSB. The Bogen would drive some classic and out-of-this-world sounding JBL bookshelf speakers to listening levels my 850's internal audio amp could never do.

I hope these, and others' suggestions, present ideas for you to try. Have an open mind, try them all, and find what works best for you. YMMV.

73 de Steve, NL7W

bkimura66 wrote:
>

> Greetings everyone,
> Can anyone recommend some tips for getting rid of background noise on
> a TS-850? I'm referring to the typical hissing/crackling that you
> hear on the bands. I've done the following thus far: (Please let me
> know if I'm on the right track)
>
> * Activated AIP - My understanding is that activating AIP disables the
> pre-amp, which really isn't needed on most of the bands. It just
> seems to amplify the noise as well as the signal and doesn't improve
> your signal-noise ratio at all.
> * Reduced RF Gain - This has helped the most. By backing off the RF
> Gain from "10" to about "8" or "9" seems to help tremendously. This
> seems to control the signal strength at which a signal will be
> attenuated. (i.e, if I adjust the RF Gain to S7 on the meter, all
> signals that are weaker than S7, such as noise, etc., are attenuated)
> The one side-effect seems to be that you could miss a weak signal
> while scanning through the bands.
> * Slope Tune - This helps some.
> * Notch Filter - This can help, but for most signals, it seems to
> hinder the audio quality some so I tend not to use it.
> NB Filters - These don't seem to do anything when dealing with typical
> band noise.
>
> I'd be very interested to hear from other experienced TS-850 owners as
> to what they've found to work best when dealing with noise. I love
> the receiver on this radio and it seems to have an enrmous amount of
> potential if adjusted properly. This is my first HF rig so I've been
> just wining it the past couple of days experimenting with different
> settings.
>
> Thanks,
> - Bill, KB1PXD
>
>
> ---
>
> No virus found in this incoming message.
> Checked by AVG.
> Version: 7.5.519 / Virus Database: 269.22.1/1348 - Release Date: 3/28/2008 10:58 AM
>

[Non-text portions of this message have been removed]

6923. Re: [TS-850_450_690] Re: QRN/QRM reduction tips for TS-850?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-29 20:31:30 UTC
From: Steve Gehring
Topic: 6916 Message: 6923

Oh yeah... two more things.

1. If it hasn't been done already, perform the NB mod to the 850.
2. Matched pairs of International Radio SSB or CW filters will make the receiver in it absolutely incredible. Depending whether you're a SSB or CW guy, you cannot go wrong with matched 2.1 or 400 Hz filters. They make the VBT controls come ALIVE! The Q of these controls, only with matched, quality filters such as these two pairs, rival or equal their DSP counterparts -- without all the digital artifacts and terrible sounding audio.

73.

raymond wrote:
>
> --- In TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>, "bkimura66" <bill.kimura@...>
> wrote:
> >
> > NB Filters - These don't seem to do anything when dealing with typical
> > band noise.
>
> >
> I just turned on my stove and the ignitor circuit creates noise that
> the noise blanker takes out. Turned on the blanker and the noise was
> gone. I imagine that it would be good in the mobile taking out
> ignition noise.
>
>
> ---
>
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> Checked by AVG.
> Version: 7.5.519 / Virus Database: 269.22.1/1348 - Release Date: 3/28/2008 10:58 AM
>

[Non-text portions of this message have been removed]

6924. Re: QRN/QRM reduction tips for TS-850?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-29 20:51:11 UTC
From: bkimura66
Topic: 6916 Message: 6924

Thank you very much Steve for taking the
time to write up these recommendations.
I'm pretty sure that this radio has had all the
mods, including the NB mod, and I just picked up
a single 400hz Inrad filter for the 8.83mHz IF.
I'm new to amateur radio but I plan to operate using
CW/PSK31 modes most of the time.

Thanks,
- Bill

--- In TS-850_450_690@yahoogroups.com, Steve Gehring <steveg@...> wrote:
>
> I like the interesting comments so far. I say adjust your radio's
> receiver by trying the different methods presented here.
>
> I have a few suggestions after owning TS-850SAT's since their inception
> and offering:
>
> * Use slow AGC when you can. It's smoothing effect is noticeably
> easier on the ears.
> * Engage the AIP zero-sum (or low-gain) front-end stage on 160,
> 80/75, and 40 meters -- or on bands full of really strong, greater
> than S9 signals. It improves the receiver's intercept point
> slightly, but the reduction in atmospherics is noticeable.
> * Reduce your RF Gain, with or without the AIP engagement. If
> signal strengths vary greatly, drop the AGC response time from
> slow to medium for quicker SSB recovery of the first syllables or
> short words. Almost exclusively, I run the AGC at medium on CW or
> digital operations, adjusting the RF Gain and AIP features
> accordingly.
> * Usually, I run my volume control pretty high, pushing the audio
> amp's dynamic headroom to near distortion levels. I suffered
> multiple ear infections and a high fever as a child and baby, and
> listened to loud Rock as a teen (still do once in awhile!), and
> spent 21 years around flight lines in the Air Force, so I have
> lost some of my overall hearing. But that being the case, having
> most of the receiver's audio dynamic range (the TS-850S series
> have wonderful, wide dynamic range audio amps for ham rigs)
> through high, near distortion level settings, allows you to tailor
> the receiver's astounding RF dynamic range capabilities using the
> RF Gain, AIP, and other interference fighting features available,
> such as the effective VBT controls.
>
> Someday soon, I am purchasing LDG's RCA-14 breakout box for the 13-pin

> DIN connector. It'll offer quick change flexibility for varied station
> activities. One of those, is accessing the fixed, low-level audio
> output of the 850. I have a nice Bogen 20-watt audio PA amplifier I'd
> like to use while operating CW, possibly SSB. The Bogen would drive
> some classic and out-of-this-world sounding JBL bookshelf speakers to
> listening levels my 850's internal audio amp could never do.
>
> I hope these, and others' suggestions, present ideas for you to try.
> Have an open mind, try them all, and find what works best for you.
YMMV.
>
> 73 de Steve, NL7W
>
>
>
> bkimura66 wrote:
> >
> > Greetings everyone,
> > Can anyone recommend some tips for getting rid of background noise on
> > a TS-850? I'm referring to the typical hissing/crackling that you
> > hear on the bands. I've done the following thus far: (Please let me
> > know if I'm on the right track)
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> > pre-amp, which really isn't needed on most of the bands. It just
> > seems to amplify the noise as well as the signal and doesn't improve
> > your signal-noise ratio at all.
> > * Reduced RF Gain - This has helped the most. By backing off the RF
> > Gain from "10" to about "8" or "9" seems to help tremendously. This
> > seems to control the signal strength at which a signal will be
> > attenuated. (i.e, if I adjust the RF Gain to S7 on the meter, all
> > signals that are weaker than S7, such as noise, etc., are attenuated)
> > The one side-effect seems to be that you could miss a weak signal
> > while scanning through the bands.
> > * Slope Tune - This helps some.
> > * Notch Filter - This can help, but for most signals, it seems to
> > hinder the audio quality some so I tend not to use it.
> > NB Filters - These don't seem to do anything when dealing with typical
> > band noise.
> >
> > I'd be very interested to hear from other experienced TS-850 owners as
> > to what they've found to work best when dealing with noise. I love
> > the receiver on this radio and it seems to have an enrmous amount of
> > potential if adjusted properly. This is my first HF rig so I've been
> > just wining it the past couple of days experimenting with different
> > settings.
> >
> > Thanks,
> > - Bill, KB1PXD
> >

> >
> >

> >
> > No virus found in this incoming message.
> > Checked by AVG.
> > Version: 7.5.519 / Virus Database: 269.22.1/1348 - Release Date:
3/28/2008 10:58 AM
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>
> [Non-text portions of this message have been removed]
>

6925. Occasional beep

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-29 20:59:47 UTC
From: bkimura66
Topic: 6925 Message: 6925

I've been noticing that my TS-850 emits an occasional single "beep". I've noticed it on different frequencies so I'm assuming it's coming from the radio and not being transmitted on the frequency. I haven't timed it but it seems to come at regular intervals. (i.e., every few minutes or so) Any idea what this might be?

Thanks,
- Bill

6926. Re: Occasional beep

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-29 21:09:21 UTC
From: bkimura66
Topic: 6925 Message: 6926

I just timed it and it's occurring every 5 minutes. Ideas?

- Bill

--- In TS-850_450_690@yahoogroups.com, "bkimura66" <bill.kimura@...>
wrote:
>
> I've been noticing that my TS-850 emits an occasional single "beep".
> I've noticed it on different frequencies so I'm assuming it's coming
> from the radio and not being transmitted on the frequency. I haven't
> timed it but it seems to come at regular intervals. (i.e., every few
> minutes or so) Any idea what this might be?
>
> Thanks,
> - Bill
>

6927. Re: [TS-850_450_690] Occasional beep

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-29 21:10:09 UTC
From: Steve Gehring
Topic: 6925 Message: 6927

Hey Bill,

That's interesting, too! On a particular freq in the 40M CW band, there's a singular dash "beacon", somewhere between 7030 and 7040, if memory serves me correctly. There might be one or two more others (maybe the same on but further up the low end of 40M) operating. From what I hear, it's some kind of clandestine thing emanating from somewhere in SE Asia, emitting those beaconing beeps or dashs for hours or days on end, until... a short number group is sent.

We Alaskans hear SE Asia like it's next door, for the most part. It's quite prevalent.

Are you hearing the same thing?

SG

bkimura66 wrote:
>
> I've been noticing that my TS-850 emits an occasional single "beep".
> I've noticed it on different frequencies so I'm assuming it's coming
> from the radio and not being transmitted on the frequency. I haven't
> timed it but it seems to come at regular intervals. (i.e., every few
> minutes or so) Any idea what this might be?
>
> Thanks,
> - Bill
>
>
> ---
>
> No virus found in this incoming message.
> Checked by AVG.
> Version: 7.5.519 / Virus Database: 269.22.1/1348 - Release Date: 3/28/2008 10:58 AM
>

[Non-text portions of this message have been removed]

6928. Re: Occasional beep

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-29 21:17:10 UTC
From: bkimura66
Topic: 6925 Message: 6928

I'm hearing it on numerous frequencies however, including on 80m right now. (3933) I suspect it's coming from the radio. It's every 5 minutes right to the second.

- Bill

--- In TS-850_450_690@yahoogroups.com, Steve Gehring <steveg@...> wrote:
>
> Hey Bill,
>
> That's interesting, too! On a particular freq in the 40M CW band,
> there's a singular dash "beacon", somewhere between 7030 and 7040, if
> memory serves me correctly. There might be one or two more others
> (maybe the same on but further up the low end of 40M) operating. From
> what I hear, it's some kind of clandestine thing emanating from
> somewhere in SE Asia, emitting those beaconing beeps or dashs for hours
> or days on end, until... a short number group is sent.
>
> We Alaskans hear SE Asia like it's next door, for the most part. It's
> quite prevalent.
>
> Are you hearing the same thing?
>
> SG
>
> bkimura66 wrote:
> >
> > I've been noticing that my TS-850 emits an occasional single "beep".
> > I've noticed it on different frequencies so I'm assuming it's coming
> > from the radio and not being transmitted on the frequency. I haven't
> > timed it but it seems to come at regular intervals. (i.e., every few
> > minutes or so) Any idea what this might be?
> >
> > Thanks,
> > - Bill
> >
> >
> >

> >
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> > Version: 7.5.519 / Virus Database: 269.22.1/1348 - Release Date:
3/28/2008 10:58 AM
> >

>
>
>
> [Non-text portions of this message have been removed]
>

6929. Re: Occasional beep

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-29 22:36:30 UTC
From: bkimura66
Topic: 6925 Message: 6929

I turned the volume entirely, and the beeping appears to be coming
from the right bottom corner of the front the radio. (Right near the
SLOPE TUNE knob) ...again, every 5 minutes...a single beep

- Bill

--- In TS-850_450_690@yahoogroups.com, "bkimura66" <bill.kimura@...>
wrote:
>
> I'm hearing it on numerous frequencies however, including on 80m right
> now. (3933) I suspect it's coming from the radio. It's every 5
> minutes right to the second.
>
> - Bill
>
> --- In TS-850_450_690@yahoogroups.com, Steve Gehring <steveg@> wrote:
> >
> > Hey Bill,
> >
> > That's interesting, too! On a particular freq in the 40M CW band,
> > there's a singular dash "beacon", somewhere between 7030 and 7040, if
> > memory serves me correctly. There might be one or two more others
> > (maybe the same on but further up the low end of 40M) operating.
From
> > what I hear, it's some kind of clandestine thing emanating from
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> >
> > We Alaskans hear SE Asia like it's next door, for the most part.
It's
> > quite prevalent.
> >
> > Are you hearing the same thing?
> >
> > SG
> >
> > bkimura66 wrote:
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> > > from the radio and not being transmitted on the frequency. I haven't
> > > timed it but it seems to come at regular intervals. (i.e., every few
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> > > Thanks,
> > > - Bill
> > >
> > >
> > >
> ---
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> 3/28/2008 10:58 AM
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> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>

6930. Re: QRN/QRM reduction tips for TS-850?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-29 22:48:38 UTC
From: Paul Spiteri
Topic: 6916 Message: 6930

Hi all,
I notice this things. In these days many of us have a computer in the shack. I notice big signal on 160 Mtrs like Sig 9. I try to do my best to reduce it. Also I notice that when I TX with some more power the computer shut down and internet goes offline. I found the solution for this problem. I make an extension wire about 30 feet long and I turn it in many turns about 15 inch diameter and I use it to plug the computer with it. With this wire the Noise level from Sig 9 goes down to S5 and sometimes lower with no AIP, 6db, 12db buttons pressed. I notice also that when TX with power the computer and also the internet remains connected. I use to use the 6db button to lower a little bit more the noise level, mostly to hear DX stations in CW. The AIP will lower too much the signal level so did not use it for DX stations.
I think that this info will help someone.
73s de'
9H1SP
Paul

--
I am using the free version of SPAMfighter for private users.
It has removed 578 spam emails to date.
Paying users do not have this message in their emails.
Get the free SPAMfighter here: http://www.spamfighter.com/len

[Non-text portions of this message have been removed]

6931. Re: [TS-850_450_690] Re: QRN/QRM reduction tips for TS-850?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-30 00:11:39 UTC
From: Steve Gehring
Topic: 6916 Message: 6931

Hi Paul,

I forgot that point... the attenuator buttons! The 6 dB attenuator is a wonderful way to reduce noise levels, without resorting to the sometimes "more than too much" drop in gain the AIP portends. Signals do pop out of the quieter background when the 6 dB pad is used. Good thought, again!

73.

Paul Spiteri wrote:
>
> Hi all,
> I notice this things. In these days many of us have a computer in the
> shack. I notice big signal on 160 Mtrs like Sig 9. I try to do my best
> to reduce it. Also I notice that when I TX with some more power the
> computer shut down and internet goes offline. I found the solution for
> this problem. I make an extension wire about 30 feet long and I turn
> it in many turns about 15 inch diameter and I use it to plug the
> computer with it. With this wire the Noise level from Sig 9 goes down
> to S5 and sometimes lower with no AIP, 6db, 12db buttons pressed. I
> notice also that when TX with power the computer and also the internet
> remains connected. I use to use the 6db button to lower a little bit
> more the noise level, mostly to hear DX stations in CW. The AIP will
> lower too much the signal level so did not use it for DX stations.
> I think that this info will help someone.
> 73s de'
> 9H1SP
> Paul
>
> --
> I am using the free version of SPAMfighter for private users.
> It has removed 578 spam emails to date.
> Paying users do not have this message in their emails.
> Get the free SPAMfighter here: http://www.spamfighter.com/len
> <http://www.spamfighter.com/len>
>
> [Non-text portions of this message have been removed]
>
>
> ---
>
> No virus found in this incoming message.
> Checked by AVG.
> Version: 7.5.519 / Virus Database: 269.22.1/1349 - Release Date: 3/29/2008 5:02 PM
>

[Non-text portions of this message have been removed]

6932. Re: QRN/QRM reduction tips for TS-850?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-30 00:23:20 UTC
From: Dan Janda
Topic: 6916 Message: 6932

Another technique for this (rfi) problem between your rig and computer... get a toroid and wrap a few turns of the computer's power cable around it (through it). It may also be helpful to do this to other computer related cables.

What you've described is conducted rfi being conducted out of your computer into the radio's environment.

In my own case, my HF antenna is about 40 feet up and 100+ feet away from my TS-850. There was a lot of noise this morning on 80 meters... I had the computer on to review some net procedures. To check whether the noise was my computer or from outside, I switched the antenna to see what I'd hear with the antenna grounded. Noise (and signals) went away. Switched back on, signals and the S9+ noise were back.

I felt confirmed when several other net stations remarked about the high background noise as well.

In your case, Paul, you might also check to see the PC case fastners are tight, and maybe check the routing of cables behind the rig and computer. Still, sounds like you fixed your problem.

Thanks for contributing,

Dan

AA3LS

--- In TS-850_450_690@yahoogroups.com, "Paul Spiteri" <9h1sp@...> wrote:
>
> Hi all,
> I notice this things. In these days many of us have a computer in the shack. I notice big signal on 160 Mtrs like Sig 9. I try to do my best to reduce it. Also I notice that when I TX with some more power the computer shut down and internet goes offline. I found the solution for this problem. I make an extension wire about 30 feet long and I turn it in many turns about 15 inch diameter and I use it to plug the computer with it. With this wire the Noise level from Sig 9 goes down to S5 and sometimes lower with no AIP, 6db, 12db buttons pressed. I notice also that when TX with power the computer and also the internet remains connected. I use to use the 6db button to lower a little bit more the noise level, mostly to hear DX stations in CW. The AIP will lower too much the signal level so did not use it for DX stations.
> I think that this info will help someone.
> 73s de'
> 9H1SP

> Paul
>
>
>
> --
> I am using the free version of SPAMfighter for private users.
> It has removed 578 spam emails to date.
> Paying users do not have this message in their emails.
> Get the free SPAMfighter here: http://www.spamfighter.com/len
>
>
> [Non-text portions of this message have been removed]
>

6933. TS-850 Beeping. PLEASE HELP.

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-30 12:51:28 UTC
From: bkimura66
Topic: 6925 Message: 6933

UPDATE: The radio continued to emit a single "BEEP" every 5 minutes throughout last night after the radio and power supply were shutdown. For the record, I was told that backup battery had been replaced when the previous owner had purchased the radio 2 years ago.

Thanks!

- Bill

--- In TS-850_450_690@yahoogroups.com, "bkimura66" <bill.kimura@...> wrote:
>
> I turned the volume entirely, and the beeping appears to be coming
> from the right bottom corner of the front the radio. (Right near the
> SLOPE TUNE knob) ...again, every 5 minutes...a single beep
>
> - Bill
>
> --- In TS-850_450_690@yahoogroups.com, "bkimura66" <bill.kimura@>
> wrote:
> >
> > I'm hearing it on numerous frequencies however, including on 80m right
> > now. (3933) I suspect it's coming from the radio. It's every 5
> > minutes right to the second.
> >
> > - Bill
> >
> > --- In TS-850_450_690@yahoogroups.com, Steve Gehring <steveg@> wrote:
> > >
> > > Hey Bill,
> > >
> > > That's interesting, too! On a particular freq in the 40M CW band,
> > > there's a singular dash "beacon", somewhere between 7030 and
7040, if
> > > memory serves me correctly. There might be one or two more others
> > > (maybe the same on but further up the low end of 40M) operating.
> From
> > > what I hear, it's some kind of clandestine thing emanating from
> > > somewhere in SE Asia, emitting those beaconing beeps or dashs for
> hours
> > > or days on end, until... a short number group is sent.
> > >
> > > We Alaskans hear SE Asia like it's next door, for the most part.
> It's
> > > quite prevalent.
> > >

> > > Are you hearing the same thing?
> > >
> > > SG
> > >
> > > bkimura66 wrote:
> > > >
> > > > I've been noticing that my TS-850 emits an occasional single
"beep".
> > > > I've noticed it on different frequencies so I'm assuming it's
coming
> > > > from the radio and not being transmitted on the frequency. I
haven't
> > > > timed it but it seems to come at regular intervals. (i.e.,
every few
> > > > minutes or so) Any idea what this might be?
> > > >
> > > > Thanks,
> > > > - Bill
> > > >
> > > >
> > > >
> >

> > > >
> > > > No virus found in this incoming message.
> > > > Checked by AVG.
> > > > Version: 7.5.519 / Virus Database: 269.22.1/1348 - Release Date:
> > 3/28/2008 10:58 AM
> > > >
> > >
> > >
> > >
> > > [Non-text portions of this message have been removed]
> > >
> >
>

6934. Re: [TS-850_450_690] TS-850 Beeping. PLEASE HELP.

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-30 13:01:35 UTC
From: WW3S
Topic: 6925 Message: 6934

There is nothing in a stock 850 that will beep with the power off, The backup battery is for memory only, there is no speaker or anything that will beep connected to it....

73, Jamie WW3S

On 3/30/2008 8:51:28 AM, bkimura66 (bill.kimura@...) wrote:
> UPDATE: The radio continued to emit a single "BEEP" every 5 minutes
> throughout last night after the radio and power supply were shutdown.
> For the record, I was told that backup battery had been replaced when
> the previous owner had purchased the radio 2 years ago.
>
> Thanks!
>
> - Bill
>
>
> --- In TS-850_450_690@yahoogroups.com, "bkimura66" <bill.kimura@...>
> wrote:
> >
> > I turned the volume entirely, and the beeping appears to be coming
> > from the right bottom corner of the front the radio. (Right near the
> > SLOPE TUNE knob) ...again, every 5 minutes...a single beep
> >
> > - Bill
> >
> > --- In TS-850_450_690@yahoogroups.com, "bkimura66" <bill.kimura@>
> > wrote:
> > >
> > >
> I'm hearing it on numerous frequencies however, including on 80m right
> > > now. (3933) I suspect it's
> coming from the radio.
> It's every 5
> > > minutes right to the second.
> > >
> > > - Bill
> > >
> > > --- In TS-850_450_690@yahoogroups.com, Steve Gehring <steveg@> wrote:
> > > >
> > > > Hey Bill,
> > > >
> > > > That's
> interesting, too! On a particular freq

6935. Re: TS-850 Beeping. PLEASE HELP.

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-30 13:56:35 UTC
From: bkimura66
Topic: 6925 Message: 6935

FALSE ALARM, MY BAD! :-) It turns out that the beep was coming from
my cell phone which was buried under some paperwork next to the radio.
My deepest apologies.

- Bill

--- In TS-850_450_690@yahoogroups.com, "WW3S" <ww3s@...> wrote:
>
> There is nothing in a stock 850 that will beep with the power off, The
> backup battery is for memory only, there is no speaker or anything
that will
> beep connected to it....
>
> 73, Jamie WW3S
>
> On 3/30/2008 8:51:28 AM, bkimura66 (bill.kimura@...) wrote:
> > UPDATE: The radio continued to emit a single "BEEP" every 5 minutes
> > throughout last night after the radio and power supply were shutdown.
> > For the record, I was told that backup battery had been replaced when
> > the previous owner had purchased the radio 2 years ago.
> >
> > Thanks!
> >
> > - Bill
> >
> >
> > --- In TS-850_450_690@yahoogroups.com, "bkimura66" <bill.kimura@>
> > wrote:
> > >
> > > I turned the volume entirely, and the beeping appears to be coming
> > > from the right bottom corner of the front the radio. (Right near the
> > > SLOPE TUNE knob) ...again, every 5 minutes...a single beep
> > >
> > > - Bill
> > >
> > > --- In TS-850_450_690@yahoogroups.com, "bkimura66" <bill.kimura@>
> > > wrote:
> > > >
> > > >
> > I'm hearing it on numerous frequencies however, including on 80m right
> > > > now. (3933) I suspect it's
> > coming from the radio.
> > It's every 5
> > > > minutes right to the second.
> > > >

> > > > - Bill
> > > >
> > > > --- In TS-850_450_690@yahoogroups.com, Steve Gehring <steveg@>
wrote:
> > > > >
> > > > > Hey Bill,
> > > > >
> > > > > That's
> > interesting, too! On a particular freq
>

6936. Re: [TS-850_450_690] Re: TS-850 Beeping. PLEASE HELP.

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-30 14:18:36 UTC
From: Crownhaven
Topic: 6925 Message: 6936

Bill, I'm laughing but you are dangerous. I hope you are laughing too.
We are all probably envious that you are having so much fun learning
about your new radio.

bkimura66 wrote:
>
> FALSE ALARM, MY BAD! :-) It turns out that the beep was coming from
> my cell phone which was buried under some paperwork next to the radio.
> My deepest apologies.
>
> - Bill
>
> --- In TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>, "WW3S" <ww3s@...> wrote:
> >
> > There is nothing in a stock 850 that will beep with the power off, The
> > backup battery is for memory only, there is no speaker or anything
> that will
> > beep connected to it....
> >
> > 73, Jamie WW3S
> >
> > On 3/30/2008 8:51:28 AM, bkimura66 (bill.kimura@...) wrote:
> > > UPDATE: The radio continued to emit a single "BEEP" every 5 minutes
> > > throughout last night after the radio and power supply were shutdown.
> > > For the record, I was told that backup battery had been replaced when
> > > the previous owner had purchased the radio 2 years ago.
> > >
> > > Thanks!
> > >
> > > - Bill
> > >
> > >
> > > --- In TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>, "bkimura66" <bill.kimura@>
> > > wrote:
> > > >
> > > > I turned the volume entirely, and the beeping appears to be coming
> > > > from the right bottom corner of the front the radio. (Right near the
> > > > SLOPE TUNE knob) ...again, every 5 minutes...a single beep
> > > >
> > > > - Bill
> > > >
> > > > --- In TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>, "bkimura66" <bill.kimura@>

> > > > wrote:
> > > > >
> > > > >
> > > I'm hearing it on numerous frequencies however, including on 80m right
> > > > > now. (3933) I suspect it's
> > > coming from the radio.
> > > It's every 5
> > > > > minutes right to the second.
> > > > >
> > > > > - Bill
> > > > >
> > > > > --- In TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>, Steve Gehring <steveg@>
> wrote:
> > > > > >
> > > > > > Hey Bill,
> > > > > >
> > > > > > That's
> > > interesting, too! On a particular freq
> >
>
>

6937. Re: [TS-850_450_690] Re: TS-850 Beeping. PLEASE HELP.

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-30 15:31:29 UTC
From: Sam M
Topic: 6925 Message: 6937

bkimura66 wrote:
> FALSE ALARM, MY BAD! :-) It turns out that the beep was coming from
> my cell phone which was buried under some paperwork next to the radio.
> My deepest apologies.
>
don't feel so all alone Bill,
last time I went through a similar situation......
faint steady tone about 600-800 hz
I have 3 computers on the same desk as the rig(s)
took me to days to find my pico keyer,
buried under some paperwork was keyed up.
unknown to me I had pushed the straight key up against
something and caused the shorting bar to key the keyer
but since the keyer wasn't plugged into a rig,
I never heard a sidetone loud enough to identify the source

I tore down 3 computers, a clock, and 2 power supplies looking for it
sigh....
the joys of to many toys, hi hi

--
GB & 73
KA5OAI
Sam Morgan
http://linuxbasics.org
Linux, the lifetime learning experience.

6938. TS850SAT +DSP-100 FUNCTION?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-30 23:07:54 UTC
From: dmschertzer
Topic: 6938 Message: 6938

Got a DSP-100 and notice when I use the TX button on the DSP-100 (pushed-in) I'm unable to auto-tune correctly, keeps going and going.

When I tune the TS850SAT 1st then press in the TX on the DSP-100 all is fine.

Am I missing a step-up function? or what? Clear a mud.....thanks

6939. Re: TS850SAT +DSP-100 FUNCTION?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-31 01:44:52 UTC
From: ve3tmt
Topic: 6938 Message: 6939

--- In TS-850_450_690@yahoogroups.com, "dmschertzer" <dmschertzer@...>
wrote:
>
> Got a DSP-100 and notice when I use the TX button on the DSP-100
> (pushed-in) I'm unable to auto-tune correctly, keeps going and going.
>
> When I tune the TS850SAT 1st then press in the TX on the DSP-100 all
> is fine.
>
> Am I missing a step-up function? or what? Clear a mud.....thanks
>

Is there not a carrier level control on the DSP100? If so it may need
to be turned up.

Max
VE3TMT

6940. Looking For TS-690

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-03-31 22:30:07 UTC
From: Ed Karsin
Topic: 6940 Message: 6940

Hello Group,
I'm new here, and am interested in buying a TS-690S in fairly good shape cosmetically (6-7 out of 10), and fully operational. Will only pay with Pay Pal.
Tnx es 73,
Ed-W3BMW

Like movies? Here's a limited-time offer: Blockbuster Total Access for one month at no cost.

[Non-text portions of this message have been removed]

6944. Re: [TS-850_450_690] Re: TS850SAT +DSP-100 FUNCTION?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-04-01 23:27:51 UTC
From: dave schertzer
Topic: 6938 Message: 6944

Well, it's working fine now...huh? Carrier level was set 1/2way on the DSP-100. Gremlins I figure. thanks.

----- Original Message ----
From: ve3tmt <ve3tmt@...>
To: TS-850_450_690@yahoogroups.com
Sent: Sunday, March 30, 2008 6:44:52 PM
Subject: [TS-850_450_690] Re: TS850SAT +DSP-100 FUNCTION?

--- In TS-850_450_690@ yahoogroups. com, "dmschertzer" <dmschertzer@ ...>
wrote:
>
> Got a DSP-100 and notice when I use the TX button on the DSP-100
> (pushed-in) I'm unable to auto-tune correctly, keeps going and going.
>
> When I tune the TS850SAT 1st then press in the TX on the DSP-100 all
> is fine.
>
> Am I missing a step-up function? or what? Clear a mud.....thanks
>

Is there not a carrier level control on the DSP100? If so it may need
to be turned up.

Max
VE3TMT

<!--

#ygrp-mkp{
border:1px solid #d8d8d8;font-family:Arial;margin:14px 0px;padding:0px 14px;}
#ygrp-mkp hr{
border:1px solid #d8d8d8;}
#ygrp-mkp #hd{
color:#628c2a;font-size:85%;font-weight:bold;line-height:122%;margin:10px 0px;}
#ygrp-mkp #ads{
margin-bottom:10px;}
#ygrp-mkp .ad{
padding:0 0;}
#ygrp-mkp .ad a{
color:#0000ff;text-decoration:none;}
-->

<!--

#ygrp-sponsor #ygrp-lc{
font-family:Arial;}

```
#ygrp-sponsor #ygrp-lc #hd{
margin:10px 0px;font-weight:bold;font-size:78%;line-height:122%;}
#ygrp-sponsor #ygrp-lc .ad{
margin-bottom:10px;padding:0 0;}
-->

<!--

#ygrp-mlmsg {font-size:13px;font-family:arial, helvetica, clean, sans-serif;}
#ygrp-mlmsg table {font-size:inherit;font:100%;}
#ygrp-mlmsg select, input, textarea {font:99% arial, helvetica, clean, sans-serif;}
#ygrp-mlmsg pre, code {font:115% monospace;}
#ygrp-mlmsg * {line-height:1.22em;}
#ygrp-text{
font-family:Georgia;
}
#ygrp-text p{
margin:0 0 1em 0;}
#ygrp-tpmsgs{
font-family:Arial;
clear:both;}
#ygrp-vitnav{
padding-top:10px;font-family:Verdana;font-size:77%;margin:0;}
#ygrp-vitnav a{
padding:0 1px;}
#ygrp-actbar{
clear:both;margin:25px 0;white-space:nowrap;color:#666;text-align:right;}
#ygrp-actbar .left{
float:left;white-space:nowrap;}
.bld{font-weight:bold;}
#ygrp-grft{
font-family:Verdana;font-size:77%;padding:15px 0;}
#ygrp-ft{
font-family:verdana;font-size:77%;border-top:1px solid #666;
padding:5px 0;
}
#ygrp-mlmsg #logo{
padding-bottom:10px;}

#ygrp-reco {
margin-bottom:20px;padding:0px;}
#ygrp-reco #reco-head {
font-weight:bold;color:#ff7900;}

#reco-grpname{
font-weight:bold;margin-top:10px;}
#reco-category{
font-size:77%;}
#reco-desc{
font-size:77%;}
```

```
#ygrp-vital{
background-color:#e0ecee;margin-bottom:20px;padding:2px 0 8px 8px;}
#ygrp-vital #vithd{
font-size:77%;font-family:Verdana;font-weight:bold;color:#333;text-transform:uppercase;}
#ygrp-vital ul{
padding:0;margin:2px 0;}
#ygrp-vital ul li{
list-style-type:none;clear:both;border:1px solid #e0ecee;
}
#ygrp-vital ul li .ct{
font-weight:bold;color:#ff7900;float:right;width:2em;text-align:right;padding-right:.5em;}
#ygrp-vital ul li .cat{
font-weight:bold;}
#ygrp-vital a{
text-decoration:none;}

#ygrp-vital a:hover{
text-decoration:underline;}

#ygrp-sponsor #hd{
color:#999;font-size:77%;}
#ygrp-sponsor #ov{
padding:6px 13px;background-color:#e0ecee;margin-bottom:20px;}
#ygrp-sponsor #ov ul{
padding:0 0 0 8px;margin:0;}
#ygrp-sponsor #ov li{
list-style-type:square;padding:6px 0;font-size:77%;}
#ygrp-sponsor #ov li a{
text-decoration:none;font-size:130%;}
#ygrp-sponsor #nc{
background-color:#eee;margin-bottom:20px;padding:0 8px;}
#ygrp-sponsor .ad{
padding:8px 0;}
#ygrp-sponsor .ad #hd1{
font-family:Arial;font-weight:bold;color:#628c2a;font-size:100%;line-height:122%;}
#ygrp-sponsor .ad a{
text-decoration:none;}
#ygrp-sponsor .ad a:hover{
text-decoration:underline;}
#ygrp-sponsor .ad p{
margin:0;}
o{font-size:0;}
.MsoNormal{
margin:0 0 0 0;}
#ygrp-text tt{
font-size:120%;}
blockquote{margin:0 0 0 4px;}
.replbq{margin:4;}
-->

_____________________________________________________________________________
You rock. That's why Blockbuster's offering you one month of Blockbuster Total Access, No
```

Cost.
http://tc.deals.yahoo.com/tc/blockbuster/text5.com

[Non-text portions of this message have been removed]

6945. Re: Symptoms of TS-690S oscillation

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-04-03 14:28:52 UTC
From: aa5te
Topic: 6607 Message: 6945

OK. I tried the bias adjustment (it was spec on before, and I adjusted it both ways a little to troubleshoot and check for symptoms - they are still there). Thanks for that suggestion, though, it was something I hadn't thought of.

Anyway, further info now:

I initially reported these symptoms existed with a dummy load, but I can't get them to reproduce on the dummy load any more. They only occur when an antenna is hooked up (fed with new RG8U - 6M super J-pole, yagi, or doublet (ladderline fed), all greater than 30' away from the rig).

Also, the symptoms occur at greater than approximately 25-30W. At or below this level, operations appear to be fine/normal. Crank up the power anywhere above 25W on the 690 meter, or 30W on the tuner's meter, and problems return. Since this seems power related, potentially RFI back into the rig, I've adjusted my grounding setup, added 6M radials to it, removed all ground connections to the rig, all without any change. As an aside, I used to get RF shocks/burns and RFI on 6M, 12M and 17M (relatively closely harmonically related it seems) before I upgraded my grounding system, now they are non-existent on all bands. But I upgraded my grounding well before these problems appeared.

The symptoms occur with/on voice peaks, or sending dits with a key (not dashes). If I instantly key down for a very long dash, operations at full power (50-60W) are fine for a while. If I send a string of dots, the problem almost always (90% or more of the time) appears immediately. Same with voice - a long "ahhh" or whistle is good for a bit, until I unkey or start talking normally, then the problem returns. It almost seems as this is an ALC related problem, but I hadn't adjusted it prior to this, and now have a little (actually a lot, the pot was taken to both limits without a change in behavior) in both directions without any luck (or change in behavior).

Is it time to send it in, or is there something else I can try (I could just keep it at 25W - it shouldn't make a big difference in my signal: 3db, 1/2 S-unit, I know...)?

One more thing - I modded this 690 and my other one so that the built in AT works on receive as well as xmit by cutting a few board traces and putting a jumper in the appropriate place on the filter board, but this doesn't function on 6M anyway - just thought I would throw that in, and I did this mod long before this problem appeared.

--- In TS-850_450_690@yahoogroups.com, "ve3tmt" <ve3tmt@...> wrote:
>
> Have you checked the bias setting in the 6m final? I had a same type
> of situation on the 850 where the RF output had been turned up too
> high causing the final amplifier to go into oscillation. Kind of
> sounded like a low rumble with the symptoms you described. Turning the
> power back to normal ceased it. Just a suggestion.
>
> Max
> VE3TMT
>

6946. Re: Symptoms of TS-690S oscillation

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-04-03 15:59:03 UTC
From: ve3tmt
Topic: 6607 Message: 6946

Possibly RF getting back into the radio? The lower the power level the less chance of this happening which explains why it disappears when you decrease power. I have had all sorts of strange conditions, some into a dummy load as you describe and some into my longwire on certain bands. For example if I use the longwire on 10m it locks up the computer. If I use it on 160m it causes my internet connection to go out. I have also modded my 850's tuner for receive as well and found this to have no effect on the problem.

Max
VE3TMT

6947. Auto tune question

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-04-04 21:51:02 UTC
From: bkimura66
Topic: 6947 Message: 6947

Greetings everyone,
Tomorrow I'll be putting up my 1st HF antenna. (Cobra Ultralite Senior) Can someone please advise on what the PWR & CAR settings should be set to prior to auto tuning? Also, any other tips pertaining to auto tuning would be greatly appreciated.

Thanks,
- Bill

6948. Re: [TS-850_450_690] Auto tune question

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-04-04 22:00:47 UTC
From: ve3wej gmail
Topic: 6947 Message: 6948

reading the manual and the meters you have either in the radio or inline will have to tell you exactly where to set the knobs, because at least I have found that every antenna gives the radio different charachteristics, so setting can change.

VE3WEJ
Dave Garber

10-X # 23465
echolink # 52852
irlp node 2202
email ve3wej@...
----- Original Message -----
From: bkimura66
To: TS-850_450_690@yahoogroups.com
Sent: Friday, April 04, 2008 5:51 PM
Subject: [TS-850_450_690] Auto tune question

Greetings everyone,
Tomorrow I'll be putting up my 1st HF antenna. (Cobra Ultralite Senior) Can someone please advise on what the PWR & CAR settings should be set to prior to auto tuning? Also, any other tips pertaining to auto tuning would be greatly appreciated.

Thanks,
- Bill

[Non-text portions of this message have been removed]

6949. Re: Auto tune question

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-04-05 01:19:58 UTC
From: ve3tmt
Topic: 6947 Message: 6949

--- In TS-850_450_690@yahoogroups.com, "bkimura66" <bill.kimura@...>
wrote:
>
> Greetings everyone,
> Tomorrow I'll be putting up my 1st HF antenna. (Cobra Ultralite
> Senior) Can someone please advise on what the PWR & CAR settings
> should be set to prior to auto tuning? Also, any other tips
> pertaining to auto tuning would be greatly appreciated.
>
> Thanks,
> - Bill
>

Crank them both to the right as far as they will go. If the tuner
doesn't achieve a match in a few seconds check your connections.

Max
VE3TMT

6950. Auto Tuner for TS-850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-04-06 12:49:36 UTC
From: bkimura66
Topic: 6947 Message: 6950

Hello,
I installed a multi-band cobra ultralite senior antenna yesterday afternoon. The TS-850 ATU seems to tune every band with the exception of a small range within 20m. (14.230 - 14.350) However, I can tune 14.100, 14.150, 14.200, etc. I cranked both the power and car level fully clockwise prior to tuning. Questions:

1.) Does this sound like typical behavior?
2.) Does the ATU beep if it's unable to achieve an SWR of 1:1, or does it beep if it's unable to achieve an SWR of 3:1 or less? (The SWR meter shows about 1.4/1.5 when it finally beeps)
3.) I haven't tried it yet, but should I attempt to manual tune these sections of 20m?

As always, any tips would be greatly appreciated.

Thanks!

- Bill

6951. Re: [TS-850_450_690] Auto Tuner for TS-850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-04-06 13:38:29 UTC
From: Crownhaven
Topic: 6947 Message: 6951

If it emits a series of beeps, it is not able to achieve a match. If it beeps once and the tuner stops, it has achieved a match. At least this is my experience with these tuners. If you are saying you are getting a match of 1.5:1, that would be fine as far as I am concerned. I assume you aren't seeing any power fold back when you transmit? It isn't necessary to have a flat SWR.

Steve, N4JQQ

bkimura66 wrote:
>
> Hello,
> I installed a multi-band cobra ultralite senior antenna yesterday
> afternoon. The TS-850 ATU seems to tune every band with the exception
> of a small range within 20m. (14.230 - 14.350) However, I can tune
> 14.100, 14.150, 14.200, etc. I cranked both the power and car level
> fully clockwise prior to tuning. Questions:
>
> 1.) Does this sound like typical behavior?
> 2.) Does the ATU beep if it's unable to achieve an SWR of 1:1, or does
> it beep if it's unable to achieve an SWR of 3:1 or less? (The SWR
> meter shows about 1.4/1.5 when it finally beeps)
> 3.) I haven't tried it yet, but should I attempt to manual tune these
> sections of 20m?
>
> As always, any tips would be greatly appreciated.
>
> Thanks!
>
> - Bill
>
>

6952. Re: Auto Tuner for TS-850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-04-06 13:44:34 UTC
From: bkimura66
Topic: 6947 Message: 6952

Hi Steve,
I'm getting a series of beeps, and I'm noticing the SWR is at around
1.4/1.5 when the series of beeps emits. I guess my question is this:
Is it beeping because it's unable to achieve a 1:1 SWR, and that last
reading on the meter is the final SWR, or is it beeping because it's
unable to achieve an SWR of 3:1 or better, in which case I have a
problem. I don't have any way to measure power unfortunately.

Thanks for your reply.

- Bill

--- In TS-850_450_690@yahoogroups.com, Crownhaven <crownhaven@...> wrote:
>
> If it emits a series of beeps, it is not able to achieve a match.
If it
> beeps once and the tuner stops, it has achieved a match. At least this
> is my experience with these tuners. If you are saying you are getting a
> match of 1.5:1, that would be fine as far as I am concerned. I assume
> you aren't seeing any power fold back when you transmit? It isn't
> necessary to have a flat SWR.
>
> Steve, N4JQQ
>
> bkimura66 wrote:
> >
> > Hello,
> > I installed a multi-band cobra ultralite senior antenna yesterday
> > afternoon. The TS-850 ATU seems to tune every band with the exception
> > of a small range within 20m. (14.230 - 14.350) However, I can tune
> > 14.100, 14.150, 14.200, etc. I cranked both the power and car level
> > fully clockwise prior to tuning. Questions:
> >
> > 1.) Does this sound like typical behavior?
> > 2.) Does the ATU beep if it's unable to achieve an SWR of 1:1, or does
> > it beep if it's unable to achieve an SWR of 3:1 or less? (The SWR
> > meter shows about 1.4/1.5 when it finally beeps)
> > 3.) I haven't tried it yet, but should I attempt to manual tune these
> > sections of 20m?
> >
> > As always, any tips would be greatly appreciated.
> >
> > Thanks!
> >
> > - Bill
> >

> >
>

6953. Re: [TS-850_450_690] Re: Auto Tuner for TS-850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-04-06 13:52:44 UTC
From: Crownhaven
Topic: 6947 Message: 6953

I can't really answer that. However, the internal tuner on the radio
can't tune everything. It is possible there is something about the
antenna that it doesn't like. A friend of mine used my TS-450S in a CW
contest and tuned a 40 meter dipole to 80 meters with the internal
tuner. He burned it up.

bkimura66 wrote:
>
> Hi Steve,
> I'm getting a series of beeps, and I'm noticing the SWR is at around
> 1.4/1.5 when the series of beeps emits. I guess my question is this:
> Is it beeping because it's unable to achieve a 1:1 SWR, and that last
> reading on the meter is the final SWR, or is it beeping because it's
> unable to achieve an SWR of 3:1 or better, in which case I have a
> problem. I don't have any way to measure power unfortunately.
>
> Thanks for your reply.
>
> - Bill
>
> --- In TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>, Crownhaven <crownhaven@...>
> wrote:
> >
> > If it emits a series of beeps, it is not able to achieve a match.
> If it
> > beeps once and the tuner stops, it has achieved a match. At least this
> > is my experience with these tuners. If you are saying you are getting a
> > match of 1.5:1, that would be fine as far as I am concerned. I assume
> > you aren't seeing any power fold back when you transmit? It isn't
> > necessary to have a flat SWR.
> >
> > Steve, N4JQQ
> >
> > bkimura66 wrote:
> > >
> > > Hello,
> > > I installed a multi-band cobra ultralite senior antenna yesterday
> > > afternoon. The TS-850 ATU seems to tune every band with the exception
> > > of a small range within 20m. (14.230 - 14.350) However, I can tune
> > > 14.100, 14.150, 14.200, etc. I cranked both the power and car level
> > > fully clockwise prior to tuning. Questions:
> > >
> > > 1.) Does this sound like typical behavior?
> > > 2.) Does the ATU beep if it's unable to achieve an SWR of 1:1, or does

> > > it beep if it's unable to achieve an SWR of 3:1 or less? (The SWR
> > > meter shows about 1.4/1.5 when it finally beeps)
> > > 3.) I haven't tried it yet, but should I attempt to manual tune these
> > > sections of 20m?
> > >
> > > As always, any tips would be greatly appreciated.
> > >
> > > Thanks!
> > >
> > > - Bill
> > >
> > >
> >
>
>

6954. Re: [TS-850_450_690] Re: Auto Tuner for TS-850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-04-06 15:07:43 UTC
From: Alexandr Kobranov
Topic: 6947 Message: 6954

Bill,
take another 50 ohm cable, connect to cable from ant (as extension)
and try to tune again. You will see. If better then check all bands
again because there can be "problem" on some other band with new
lenght. As I do not know more about your antenna this is my first
idea...Then you can look for the best cable lenght compromise or
switch cable for some bands etc...
Maybe this can help and you will have some other experience :-)
GL
73!
L. -dst-
TS-850SAT
and soon K3 :-)

bkimura66 napsal(a):
> Hi Steve,
> I'm getting a series of beeps, and I'm noticing the SWR is at around
> 1.4/1.5 when the series of beeps emits. I guess my question is this:
> Is it beeping because it's unable to achieve a 1:1 SWR, and that last
> reading on the meter is the final SWR, or is it beeping because it's
> unable to achieve an SWR of 3:1 or better, in which case I have a
> problem. I don't have any way to measure power unfortunately.
>
> Thanks for your reply.
>
> - Bill
>
> --- In TS-850_450_690@yahoogroups.com, Crownhaven <crownhaven@...> wrote:
>> If it emits a series of beeps, it is not able to achieve a match.
> If it
>> beeps once and the tuner stops, it has achieved a match. At least this
>> is my experience with these tuners. If you are saying you are getting a
>> match of 1.5:1, that would be fine as far as I am concerned. I assume
>> you aren't seeing any power fold back when you transmit? It isn't
>> necessary to have a flat SWR.
>>
>> Steve, N4JQQ
>>
>> bkimura66 wrote:
>>> Hello,
>>> I installed a multi-band cobra ultralite senior antenna yesterday
>>> afternoon. The TS-850 ATU seems to tune every band with the exception
>>> of a small range within 20m. (14.230 - 14.350) However, I can tune
>>> 14.100, 14.150, 14.200, etc. I cranked both the power and car level
>>> fully clockwise prior to tuning. Questions:

>>>
>>> 1.) Does this sound like typical behavior?
>>> 2.) Does the ATU beep if it's unable to achieve an SWR of 1:1, or does
>>> it beep if it's unable to achieve an SWR of 3:1 or less? (The SWR
>>> meter shows about 1.4/1.5 when it finally beeps)
>>> 3.) I haven't tried it yet, but should I attempt to manual tune these
>>> sections of 20m?
>>>
>>> As always, any tips would be greatly appreciated.
>>>
>>> Thanks!
>>>
>>> - Bill
>>>
>>>
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>

6955. Re: [TS-850_450_690] Auto Tuner for TS-850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-04-06 14:34:27 UTC
From: Sam M
Topic: 6947 Message: 6955

bkimura66 wrote:
> Hello,
> I installed a multi-band cobra ultralite senior antenna yesterday
> afternoon. The TS-850 ATU seems to tune every band with the exception
> of a small range within 20m. (14.230 - 14.350) However, I can tune
> 14.100, 14.150, 14.200, etc. I cranked both the power and car level
> fully clockwise prior to tuning. Questions:
>
may I suggest you try inserting a few feet extra (6'-12' for example) into your
existing feedline length.... perhaps it's just not a good length. would be
simple enough to try.
--
GB & 73
KA5OAI
Sam Morgan
http://linuxbasics.org
Linux, the lifetime learning experience.

6956. Re: [TS-850_450_690] Auto Tuner for TS-850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-04-06 19:09:05 UTC
From: Tom Osborne
Topic: 6947 Message: 6956

Hi Bill

What is the SWR without the tuner?? You should actually strive to get the best SWR possible, then use the tuner. It will work better that way. 73 and have fun with the new antenna.
Tom W7WHY

> Hello,
> I installed a multi-band cobra ultralite senior antenna yesterday
> afternoon. The TS-850 ATU seems to tune every band with the exception
> of a small range within 20m. (14.230 - 14.350) However, I can tune
> 14.100, 14.150, 14.200, etc. I cranked both the power and car level
> fully clockwise prior to tuning. Questions:
>
> 1.) Does this sound like typical behavior?
> 2.) Does the ATU beep if it's unable to achieve an SWR of 1:1, or does
> it beep if it's unable to achieve an SWR of 3:1 or less? (The SWR
> meter shows about 1.4/1.5 when it finally beeps)
> 3.) I haven't tried it yet, but should I attempt to manual tune these
> sections of 20m?
>
> As always, any tips would be greatly appreciated.
>
> Thanks!
>
> - Bill
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>
>

6957. RE: [TS-850_450_690] Auto Tuner for TS-850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-04-07 01:36:49 UTC
From: Rich Schmuke
Topic: 6947 Message: 6957

Bill . I always try to adjust my antenna up with the radio straight through "no antenna tuner" with a external SWR meter. Then when I know the antenna is good the ATU can take out any small discrepancies as you tune across the band. It is difficult to get an commercial multi band antenna to have good SWR from the CW thru the SSB section all at one time.

Rich , Kd0zz

Subject: [TS-850_450_690] Auto Tuner for TS-850

Hello,
I installed a multi-band cobra ultralite senior antenna yesterday afternoon. The TS-850 ATU seems to tune every band with the exception of a small range within 20m. (14.230 - 14.350) However, I can tune 14.100, 14.150, 14.200, etc. I cranked both the power and car level fully clockwise prior to tuning. Questions:

1.) Does this sound like typical behavior?
2.) Does the ATU beep if it's unable to achieve an SWR of 1:1, or does it beep if it's unable to achieve an SWR of 3:1 or less? (The SWR meter shows about 1.4/1.5 when it finally beeps)
3.) I haven't tried it yet, but should I attempt to manual tune these sections of 20m?

As always, any tips would be greatly appreciated.

Thanks!

- Bill

[Non-text portions of this message have been removed]

6958. SWR problems at the top of 20M

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-04-08 00:07:03 UTC
From: bkimura66
Topic: 6958 Message: 6958

I posted this already but I'm going to try one more time to see if anyone has any more suggestions:

I installed a Cobra Ultralite Senior antenna. I'm using all 100 feet of ladder line, to an LDG 4:1 balun, to 8 feet of RG8X coax into my TS-850 rig with a built-in ATU. All bands tune 1:1 with the exception of the upper half of 20m. (14.225-14.350) This section of 20m will at times tune as high as 2:1, thus dropping my power output by about 50%. At best it does 1.5:1 which isn't too too bad. Any recommendations on how I can resolve this? Should I add additional coax? Should I need to buy an external tuner? I was expecting to have tuning problems with 160m but not 20m. All other bands tune perfectly 1:1, including the lower half of 20m. Please help.

Thanks,
- Bill

6959. Re: [TS-850_450_690] SWR problems at the top of 20M

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-04-08 00:13:31 UTC
From: Crownhaven
Topic: 6958 Message: 6959

1.5:1 is near perfect. What are you concerned about Bill?????? Is the power on the rig folding back? Most of us don't operate resonant antennas that are perfectly flat. I believe someone suggested that you add a piece of coax to the line. It might solve the problem. Otherwise, I wouldn't worry about it at all.

Steve, N4JQQ

bkimura66 wrote:
>
> I posted this already but I'm going to try one more time to see if
> anyone has any more suggestions:
>
> I installed a Cobra Ultralite Senior antenna. I'm using all 100 feet
> of ladder line, to an LDG 4:1 balun, to 8 feet of RG8X coax into my
> TS-850 rig with a built-in ATU. All bands tune 1:1 with the exception
> of the upper half of 20m. (14.225-14.350) This section of 20m will at
> times tune as high as 2:1, thus dropping my power output by about 50%.
> At best it does 1.5:1 which isn't too too bad. Any recommendations on
> how I can resolve this? Should I add additional coax? Should I need to
> buy an external tuner? I was expecting to have tuning problems with
> 160m but not 20m. All other bands tune perfectly 1:1, including the
> lower half of 20m. Please help.
>
> Thanks,
> - Bill
>
>

6960. Re: SWR problems at the top of 20M

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-04-08 00:20:26 UTC
From: bkimura66
Topic: 6958 Message: 6960

Many times it's at 2:1, and as I had mentioned, the power drops to around 50%. That's not acceptable. I haven't had a chance to try the extra coax yet but I plan to.

Thanks,
- Bill

--- In TS-850_450_690@yahoogroups.com, Crownhaven <crownhaven@...> wrote:
>
> 1.5:1 is near perfect. What are you concerned about Bill?????? Is the
> power on the rig folding back? Most of us don't operate resonant
> antennas that are perfectly flat. I believe someone suggested that you
> add a piece of coax to the line. It might solve the problem.
> Otherwise, I wouldn't worry about it at all.
>
> Steve, N4JQQ
>
> bkimura66 wrote:
> >
> > I posted this already but I'm going to try one more time to see if
> > anyone has any more suggestions:
> >
> > I installed a Cobra Ultralite Senior antenna. I'm using all 100 feet
> > of ladder line, to an LDG 4:1 balun, to 8 feet of RG8X coax into my
> > TS-850 rig with a built-in ATU. All bands tune 1:1 with the exception
> > of the upper half of 20m. (14.225-14.350) This section of 20m will at
> > times tune as high as 2:1, thus dropping my power output by about 50%.
> > At best it does 1.5:1 which isn't too too bad. Any recommendations on
> > how I can resolve this? Should I add additional coax? Should I need to
> > buy an external tuner? I was expecting to have tuning problems with
> > 160m but not 20m. All other bands tune perfectly 1:1, including the
> > lower half of 20m. Please help.
> >
> > Thanks,
> > - Bill
> >
> >
>

6961. Re: [TS-850_450_690] Re: SWR problems at the top of 20M

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-04-08 00:25:16 UTC
From: Crownhaven
Topic: 6958 Message: 6961

Sorry Bill, I was speed reading.....Sure, try the additional piece of coax. It works for me between exciters and amps. I had a TH-5 up once that only gave me 2:1 on 15 meters. The extra piece of coax fooled it. When I moved and put it together again it was flat without it.

Regards,

Steve

bkimura66 wrote:
>
> Many times it's at 2:1, and as I had mentioned, the power drops to
> around 50%. That's not acceptable. I haven't had a chance to try the
> extra coax yet but I plan to.
>
> Thanks,
> - Bill
>
> --- In TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>, Crownhaven <crownhaven@...>
> wrote:
> >
> > 1.5:1 is near perfect. What are you concerned about Bill?????? Is the
> > power on the rig folding back? Most of us don't operate resonant
> > antennas that are perfectly flat. I believe someone suggested that you
> > add a piece of coax to the line. It might solve the problem.
> > Otherwise, I wouldn't worry about it at all.
> >
> > Steve, N4JQQ
> >
> > bkimura66 wrote:
> > >
> > > I posted this already but I'm going to try one more time to see if
> > > anyone has any more suggestions:
> > >
> > > I installed a Cobra Ultralite Senior antenna. I'm using all 100 feet
> > > of ladder line, to an LDG 4:1 balun, to 8 feet of RG8X coax into my
> > > TS-850 rig with a built-in ATU. All bands tune 1:1 with the exception
> > > of the upper half of 20m. (14.225-14.350) This section of 20m will at
> > > times tune as high as 2:1, thus dropping my power output by about 50%.
> > > At best it does 1.5:1 which isn't too too bad. Any recommendations on
> > > how I can resolve this? Should I add additional coax? Should I need to
> > > buy an external tuner? I was expecting to have tuning problems with
> > > 160m but not 20m. All other bands tune perfectly 1:1, including the
> > > lower half of 20m. Please help.
> > >

> > > Thanks,
> > > - Bill
> > >
> > >
> >
>
>

6962. Re: SWR problems at the top of 20M

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-04-08 00:31:46 UTC
From: bkimura66
Topic: 6958 Message: 6962

No problem Steve. Thanks for the advice. So you think an additional
6 feet may do it? I'm not concerned with 1.5:1 as that seems to have
a negligible impact on my power output, but once it approaches to 2:1
or slightly higher, the power output is reduced considerably.
Thanks again for your response. Is this type of behavior expected
with a multi-band dipole? Excuse my ignorance but this is my first HF
rig/antenna, and I just got my General ticket over the weekend so I'm
still very GREEN. :-)

- Bill

--- In TS-850_450_690@yahoogroups.com, Crownhaven <crownhaven@...> wrote:
>
> Sorry Bill, I was speed reading.....Sure, try the additional piece of
> coax. It works for me between exciters and amps. I had a TH-5 up once
> that only gave me 2:1 on 15 meters. The extra piece of coax fooled
it.
> When I moved and put it together again it was flat without it.
>
> Regards,
>
> Steve
>
> bkimura66 wrote:
> >
> > Many times it's at 2:1, and as I had mentioned, the power drops to
> > around 50%. That's not acceptable. I haven't had a chance to try the
> > extra coax yet but I plan to.
> >
> > Thanks,
> > - Bill
> >
> > --- In TS-850_450_690@yahoogroups.com
> > <mailto:TS-850_450_690%40yahoogroups.com>, Crownhaven <crownhaven@>
> > wrote:
> > >
> > > 1.5:1 is near perfect. What are you concerned about Bill??????
Is the
> > > power on the rig folding back? Most of us don't operate resonant
> > > antennas that are perfectly flat. I believe someone suggested
that you
> > > add a piece of coax to the line. It might solve the problem.
> > > Otherwise, I wouldn't worry about it at all.
> > >
> > > Steve, N4JQQ

> > >
> > > bkimura66 wrote:
> > > >
> > > > I posted this already but I'm going to try one more time to see if
> > > > anyone has any more suggestions:
> > > >
> > > > I installed a Cobra Ultralite Senior antenna. I'm using all
100 feet
> > > > of ladder line, to an LDG 4:1 balun, to 8 feet of RG8X coax
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> > > > TS-850 rig with a built-in ATU. All bands tune 1:1 with the
exception
> > > > of the upper half of 20m. (14.225-14.350) This section of 20m
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> > > > times tune as high as 2:1, thus dropping my power output by
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> > > > At best it does 1.5:1 which isn't too too bad. Any
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> > > > how I can resolve this? Should I add additional coax? Should I
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> > > > buy an external tuner? I was expecting to have tuning problems
with
> > > > 160m but not 20m. All other bands tune perfectly 1:1,
including the
> > > > lower half of 20m. Please help.
> > > >
> > > > Thanks,
> > > > - Bill
> > > >
> > > >
> > >
> >
> >
>

6963. Memory Encoder WO2-1660

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-04-08 01:26:42 UTC
From: Crownhaven
Topic: 6963 Message: 6963

I am trying to locate a memory encoder, WO2-1660 for TS-850S. The usual suspects, East Coast and Pacific Parts do not have it. Any assistance would be appreciated. Maybe someone out there has a sick TS-850S that can be parted out.

Regards,

Steve, N4JQQ

6964. Re: SWR problems at the top of 20M

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-04-08 02:01:30 UTC
From: Roland Spoon
Topic: 6958 Message: 6964

This antenna must have a problem in this portion of the 20M band. Put a antenna analyzer on it to see if in fact it is the antenna or the RG-8X feed line I have had problems with RG-8X even in short sections. If it is the antenna send it back and get either a new one or your money back. Of course 1.5:1 is not a bad match. After looking at the makers web page I see it is a multi-band wire that claims to be the best thing since Wesson Oil it is more like snake oil. If you want a good all-band antenna build it yourself either with traps or a Fan Dipole. Antennas like the G5RV and this Cobra are poor at best. It is just a long dummy load. Sorry to sound so rash but I have tried a few of these and was very dissapointed everytime. It got to the point I wiped out my savings and bought a Tower, Beam, Rotor and LMR-400 coax :=)
Roland AH6RR

--- In TS-850_450_690@yahoogroups.com, "bkimura66" <bill.kimura@...> wrote:
>
> I posted this already but I'm going to try one more time to see if
> anyone has any more suggestions:
>
> I installed a Cobra Ultralite Senior antenna. I'm using all 100 feet
> of ladder line, to an LDG 4:1 balun, to 8 feet of RG8X coax into my
> TS-850 rig with a built-in ATU. All bands tune 1:1 with the
exception
> of the upper half of 20m. (14.225-14.350) This section of 20m will
at
> times tune as high as 2:1, thus dropping my power output by about
50%.
> At best it does 1.5:1 which isn't too too bad. Any recommendations
on
> how I can resolve this? Should I add additional coax? Should I need
to
> buy an external tuner? I was expecting to have tuning problems with
> 160m but not 20m. All other bands tune perfectly 1:1, including the
> lower half of 20m. Please help.
>
> Thanks,
> - Bill
>

6965. Re: [TS-850_450_690] Re: SWR problems at the top of 20M

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-04-08 02:05:33 UTC
From: Crownhaven
Topic: 6958 Message: 6965

Roland is pretty much on the money. When I first got on the air, I had a 40 meter dipole that I used on 40/15 and a 20 meter dipole. We have all looked for the perfect all-band antenna but there aren't really any. Something has to give.

Steve, N4JQQ

Roland Spoon wrote:
>
> This antenna must have a problem in this portion of the 20M band.
> Put a antenna analyzer on it to see if in fact it is the antenna or
> the RG-8X feed line I have had problems with RG-8X even in short
> sections. If it is the antenna send it back and get either a new one
> or your money back. Of course 1.5:1 is not a bad match. After looking
> at the makers web page I see it is a multi-band wire that claims to
> be the best thing since Wesson Oil it is more like snake oil. If you
> want a good all-band antenna build it yourself either with traps or a
> Fan Dipole. Antennas like the G5RV and this Cobra are poor at best.
> It is just a long dummy load. Sorry to sound so rash but I have tried
> a few of these and was very dissapointed everytime. It got to the
> point I wiped out my savings and bought a Tower, Beam, Rotor and LMR-
> 400 coax :=)
> Roland AH6RR
>
> --- In TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>, "bkimura66" <bill.kimura@...>
> wrote:
> >
> > I posted this already but I'm going to try one more time to see if
> > anyone has any more suggestions:
> >
> > I installed a Cobra Ultralite Senior antenna. I'm using all 100 feet
> > of ladder line, to an LDG 4:1 balun, to 8 feet of RG8X coax into my
> > TS-850 rig with a built-in ATU. All bands tune 1:1 with the
> exception
> > of the upper half of 20m. (14.225-14.350) This section of 20m will
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> > times tune as high as 2:1, thus dropping my power output by about
> 50%.
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> > how I can resolve this? Should I add additional coax? Should I need
> to
> > buy an external tuner? I was expecting to have tuning problems with
> > 160m but not 20m. All other bands tune perfectly 1:1, including the

> > lower half of 20m. Please help.
> >
> > Thanks,
> > - Bill
> >
>
>

6966. Re: [TS-850_450_690] SWR problems at the top of 20M

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-04-08 03:13:34 UTC
From: Tom Osborne
Topic: 6958 Message: 6966

Hi Bill

It is kinda hard to use a 4:1 balun on ladder line.

The impedance from band to band varies too much. If you put up an 80 meter dipole, and use the 4:1 balun with the twinlead, it would work pretty good as you would be matching the 50 ohm coax to about a 75 ohm load.

But on 40, the antenna now has about 4000 (I may be wrong on this, but don't think so) ohms impedance, and you are trying to match 4000 ohms to a 50 ohm feedline, so you can see what the SWR would be. And it varies from band to band.

I'm not sure of the configuration of the Cobra is, but I'm sure it has the same impedance problem when going from band to band.

If your antenna tuner would let you, you'd be better off to run the twinlead all the way to the shack and use the tuner to match it. Then you could use the tuner in the '850 to tweak it when moving frequency a bit. 73 and GL!
Tom W7WHY

>I posted this already but I'm going to try one more time to see if
> anyone has any more suggestions:
>
> I installed a Cobra Ultralite Senior antenna. I'm using all 100 feet
> of ladder line, to an LDG 4:1 balun, to 8 feet of RG8X coax into my
> TS-850 rig with a built-in ATU. All bands tune 1:1 with the exception
> of the upper half of 20m. (14.225-14.350) This section of 20m will at
> times tune as high as 2:1, thus dropping my power output by about 50%.
> At best it does 1.5:1 which isn't too too bad. Any recommendations on
> how I can resolve this? Should I add additional coax? Should I need to
> buy an external tuner? I was expecting to have tuning problems with
> 160m but not 20m. All other bands tune perfectly 1:1, including the
> lower half of 20m. Please help.
>
> Thanks,
> - Bill

6967. RE: [TS-850_450_690] Re: SWR problems at the top of 20M

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-04-08 02:57:03 UTC
From: Rich Schmuke
Topic: 6958 Message: 6967

I did not want to say it before and put down you antenna but I agree with Roland , many antennas claim to do it all. If the antenna is resonate on a frequency it will transmit all the power in a set pattern. If it is not, a tuner will fool the radio into putting power out but the power can be lost in the line or if the antenna is not producing a good radiation pattern. Any multi-band set up will be OK in a small amount of the band and a compromise every where else.

I have a ☐fan☐ dipole on 80, 40,20,17 and 10 , it works good on PSK frequencies but it gets ragged in the upper parts of the SSB area. My 15m beam is SSB only. The only wide band antenna I have is a 20m vertical, it is a 4 ¼ diameter ☐cage☐ of 8 wires. The center is 30 ft high and it has 16 radials adjusted in spread to give 50 ohms. It covers 14.07 to 14.20 with a 1.2 SWR , above and below that the tuner will work. If some one you know has a MFJ 259B or other analyzer have them put it on your antenna , it will spot any problems. Like I said in a note before I always try to get my antenna as good as possible with a SWR meter then let the tuner take of the small stuff. I have made and tried the GR5V type and Windom type, I had a full size 40m vertical with radials in the center of my shed , and a Wilson multi band vertical to compare them to , the full size resonate antenna would win out in the long run (nothing wrong with my 40M vert , it is down for rework into a 5/8 wave 20m vert.)

Rich , Kd0zz

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of Roland Spoon
Sent: Monday, April 07, 2008 9:02 PM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] Re: SWR problems at the top of 20M

This antenna must have a problem in this portion of the 20M band.
Put a antenna analyzer on it to see if in fact it is the antenna or
the RG-8X feed line I have had problems with RG-8X even in short
sections. If it is the antenna send it back and get either a new one
or your money back. Of course 1.5:1 is not a bad match. After looking
at the makers web page I see it is a multi-band wire that claims to
be the best thing since Wesson Oil it is more like snake oil. If you
want a good all-band antenna build it yourself either with traps or a
Fan Dipole. Antennas like the G5RV and this Cobra are poor at best.
It is just a long dummy load. Sorry to sound so rash but I have tried
a few of these and was very dissapointed everytime. It got to the
point I wiped out my savings and bought a Tower, Beam, Rotor and LMR-
400 coax :=)
Roland AH6RR

--- In TS-850_450_690@yahoogroups.com
<mailto:TS-850_450_690%40yahoogroups.com> , "bkimura66" <bill.kimura@...>
wrote:
>
> I posted this already but I'm going to try one more time to see if
> anyone has any more suggestions:
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> I installed a Cobra Ultralite Senior antenna. I'm using all 100 feet
> of ladder line, to an LDG 4:1 balun, to 8 feet of RG8X coax into my
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> of the upper half of 20m. (14.225-14.350) This section of 20m will
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to
> buy an external tuner? I was expecting to have tuning problems with
> 160m but not 20m. All other bands tune perfectly 1:1, including the
> lower half of 20m. Please help.
>
> Thanks,
> - Bill
>

[Non-text portions of this message have been removed]

6968. Re: SWR problems at the top of 20M

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-04-08 16:11:25 UTC
From: Dan Janda
Topic: 6958 Message: 6968

Many years ago, as a Navy Electronics Technician, I learned that a 35 foot long whip worked against ground (the ship and the ocean!) worked pretty well on any frequency, without regard to wavelength resonances. The way we did it was with an antenna tuner (generally close to the base of the antenna) which had to be tuned as frequency was changed. We generally worked where we needed with 500 watt output SSB transmitters. I'm convinced antenna length is not critical once you have a reasonable point -- you need current flowing (in a standing wave pattern) on the antenna conductor(s) if you want radiation.

I generally get satisfactory (not great, but satisfactory) results on almost all bands (I don't know of one that doesn't work at least OK) using a fairly low (50 foot) 80-meter dipole fed with about 150 feet of RG-213 type coax, and my TS-850S-AT seems to get signals out on the air. I'm often complimented about my signal strength on a morning net -- my 100 watts vs several other folks' amplifiers.

My empirical advice is to get as much wire length up as high as practical. Low isn't all bad (NVIS, cloud warming modes do well for several hundred miles (up to 500 or so for me on 80 meters)).

The only problem with SWR on lower (maybe not 10 meters) HF bands is that the rig will do a power foldback to protect itself. Any kind of tuner (L-network up to glorious transmatches) can fix that right in the shack for most folks. (Is there anyone else who read the "Reflections" series in QST about 15-20 years ago?).

Dan AA3LS

--- In TS-850_450_690@yahoogroups.com, "Rich Schmuke" <rdj@...> wrote:
>
> I did not want to say it before and put down you antenna but I agree with
> Roland , many antennas claim to do it all. If the antenna is resonate on a
> frequency it will transmit all the power in a set pattern. If it is not, a
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My 15m
> beam is SSB only. The only wide band antenna I have is a 20m
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> any problems. Like I said in a note before I always try to get my
antenna as
> good as possible with a SWR meter then let the tuner take of the small
> stuff. I have made and tried the GR5V type and Windom type, I had a
full
> size 40m vertical with radials in the center of my shed , and a
Wilson multi
> band vertical to compare them to , the full size resonate antenna
would win
> out in the long run (nothing wrong with my 40M vert , it is down
for rework
> into a 5/8 wave 20m vert.)
>
> Rich , Kd0zz
>
>
>
> From: TS-850_450_690@yahoogroups.com
[mailto:TS-850_450_690@yahoogroups.com]
> On Behalf Of Roland Spoon
> Sent: Monday, April 07, 2008 9:02 PM
> To: TS-850_450_690@yahoogroups.com
> Subject: [TS-850_450_690] Re: SWR problems at the top of 20M
>
>
>
> This antenna must have a problem in this portion of the 20M band.
> Put a antenna analyzer on it to see if in fact it is the antenna or
> the RG-8X feed line I have had problems with RG-8X even in short
> sections. If it is the antenna send it back and get either a new one
> or your money back. Of course 1.5:1 is not a bad match. After looking
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> Fan Dipole. Antennas like the G5RV and this Cobra are poor at best.
> It is just a long dummy load. Sorry to sound so rash but I have tried
> a few of these and was very dissapointed everytime. It got to the
> point I wiped out my savings and bought a Tower, Beam, Rotor and LMR-

> 400 coax :=)
> Roland AH6RR
>
> --- In TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com> , "bkimura66" <bill.kimura@>
> wrote:
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> > I posted this already but I'm going to try one more time to see if
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> > buy an external tuner? I was expecting to have tuning problems with
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> > lower half of 20m. Please help.
> >
> > Thanks,
> > - Bill
> >
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

6969. TS-450SAT 455 cw filter

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-04-09 01:31:49 UTC
From: Sam M
Topic: 6969 Message: 6969

I think there are two 455khz cw filters for the TS-450SAT
what are the numbers for them?

is it:
YG-455C-1 for the 500hz bandwidth one
YG-455CN-1 for the 270hz bandwidth one

TIA
--
GB & 73
KA5OAI
Sam Morgan
http://linuxbasics.org
Linux, the lifetime learning experience.

6970. Re: [TS-850_450_690] TS-450SAT 455 cw filter

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-04-09 02:08:09 UTC
From: Crownhaven
Topic: 6969 Message: 6970

YG-455CN-1 (250)
YG-455C-1 (500)

The YK-88CN-1 is the 270 Hz model if I have it right.

Sam M wrote:
>
> I think there are two 455khz cw filters for the TS-450SAT
> what are the numbers for them?
>
> is it:
> YG-455C-1 for the 500hz bandwidth one
> YG-455CN-1 for the 270hz bandwidth one
>
> TIA
> --
> GB & 73
> KA5OAI
> Sam Morgan
> http://linuxbasics.org <http://linuxbasics.org>
> Linux, the lifetime learning experience.
>
>

6971. Re: [TS-850_450_690] TS-450SAT 455 cw filter

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-04-09 02:38:01 UTC
From: Mike Blazek
Topic: 6969 Message: 6971

You are correct, sir!

73,
Mike N5UKZ
Sam M wrote:
>
> I think there are two 455khz cw filters for the TS-450SAT
> what are the numbers for them?
>
> is it:
> YG-455C-1 for the 500hz bandwidth one
> YG-455CN-1 for the 270hz bandwidth one
>
> TIA
> --
> GB & 73
> KA5OAI
> Sam Morgan
> http://linuxbasics.org <http://linuxbasics.org>
> Linux, the lifetime learning experience.
>
>

6972. 450 Autotuner

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-04-10 12:42:34 UTC
From: cw_ham
Topic: 6972 Message: 6972

I just received a very nice 450AT, but the tuner is not working. The gentleman said it was upon shipping. I pulled it apart and looked at CN3 and CN4 also the 7 pin connector CN9. They all look fine. Any ideas???

Thank you.

6973. Re: 450 Autotuner

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-04-10 13:51:49 UTC
From: Steve Matda
Topic: 6972 Message: 6973

Check the battery. Has it leaked and ate the trace running under the
battery holder?

Steve, KE4MOB

--- In TS-850_450_690@yahoogroups.com, "cw_ham" <cw_ham@...> wrote:
>
> I just received a very nice 450AT, but the tuner is not working. The
> gentleman said it was upon shipping. I pulled it apart and looked at
> CN3 and CN4 also the 7 pin connector CN9. They all look fine. Any
> ideas???
>
> Thank you.
>

6974. Re: 450 Autotuner

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-04-10 15:21:05 UTC
From: Clif
Topic: 6972 Message: 6974

Did you check the tuner before doing anything to the radio?
Specifically going into the Option setting menu? If you turn on #1 in
that menu it enables a AT-300 external tuner and disables the internal
tuner.

Clif

--- In TS-850_450_690@yahoogroups.com, "cw_ham" <cw_ham@...> wrote:
>
> I just received a very nice 450AT, but the tuner is not working. The
> gentleman said it was upon shipping. I pulled it apart and looked at
> CN3 and CN4 also the 7 pin connector CN9. They all look fine. Any
> ideas???
>
> Thank you.
>

6975. Re: 450 Autotuner

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-04-10 15:26:22 UTC
From: cw_ham
Topic: 6972 Message: 6975

Yes, I went into the menu and #31 was set for (on). Guess I will open up one more time, and gently, see if those connections I mentioned before are nice and snug. Thank you. KK7XE

--- In TS-850_450_690@yahoogroups.com, "Clif" <clif@...> wrote:
>
> Did you check the tuner before doing anything to the radio?
> Specifically going into the Option setting menu? If you turn on #1 in
> that menu it enables a AT-300 external tuner and disables the internal
> tuner.
>
> Clif
>
>
> --- In TS-850_450_690@yahoogroups.com, "cw_ham" <cw_ham@> wrote:
> >
> > I just received a very nice 450AT, but the tuner is not working. The
> > gentleman said it was upon shipping. I pulled it apart and looked at
> > CN3 and CN4 also the 7 pin connector CN9. They all look fine. Any
> > ideas???
> >
> > Thank you.
> >
>

6976. Re: 450 Autotuner

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-04-10 15:29:02 UTC
From: cw_ham
Topic: 6972 Message: 6976

Thank you. Never thought of that. Will check and see if the battery
is leaking. KK7XE

-- In TS-850_450_690@yahoogroups.com, "Steve Matda" <smatda@...> wrote:
>
> Check the battery. Has it leaked and ate the trace running under the
> battery holder?
>
> Steve, KE4MOB
>
> --- In TS-850_450_690@yahoogroups.com, "cw_ham" <cw_ham@> wrote:
> >
> > I just received a very nice 450AT, but the tuner is not working.
The
> > gentleman said it was upon shipping. I pulled it apart and looked
at
> > CN3 and CN4 also the 7 pin connector CN9. They all look fine. Any
> > ideas???
> >
> > Thank you.
> >
>

6977. Re: 450 Autotuner

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-04-10 15:39:44 UTC
From: Clif
Topic: 6972 Message: 6977

Did you turn it OFF????

Clif

--- In TS-850_450_690@yahoogroups.com, "cw_ham" <cw_ham@...> wrote:
>
> Yes, I went into the menu and #31 was set for (on). Guess I will open
> up one more time, and gently, see if those connections I mentioned
> before are nice and snug. Thank you. KK7XE
>
> --- In TS-850_450_690@yahoogroups.com, "Clif" <clif@> wrote:
> >
> > Did you check the tuner before doing anything to the radio?
> > Specifically going into the Option setting menu? If you turn on #1
> in
> > that menu it enables a AT-300 external tuner and disables the
> internal
> > tuner.
> >
> > Clif
> >
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> > --- In TS-850_450_690@yahoogroups.com, "cw_ham" <cw_ham@> wrote:
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> looked at
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> Any
> > > ideas???
> > >
> > > Thank you.
> > >
> >
>

6978. RE: [TS-850_450_690] Re: 450 Autotuner

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-04-10 15:40:27 UTC
From: Fred VE3FAL
Topic: 6972 Message: 6978

I just had same issue with a 450SAT that I have, radio functions great,
tuner wont tune and hold tune...
I needed to have lithium memory battery replaced at the shop and an
alignment, but that is all.

Fred
VE3FAL

-----Original Message-----
From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of Clif
Sent: Thursday, April 10, 2008 11:21 AM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] Re: 450 Autotuner

Did you check the tuner before doing anything to the radio?
Specifically going into the Option setting menu? If you turn on #1 in
that menu it enables a AT-300 external tuner and disables the internal
tuner.

Clif

--- In TS-850_450_690@yahoogroups.com, "cw_ham" <cw_ham@...> wrote:
>
> I just received a very nice 450AT, but the tuner is not working. The
> gentleman said it was upon shipping. I pulled it apart and looked at
> CN3 and CN4 also the 7 pin connector CN9. They all look fine. Any
> ideas???
>
> Thank you.
>

THANKS FOR USING TS-850_450_690@...! Groups Links

6979. Re: 450 Autotuner

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-04-10 15:47:34 UTC
From: cw_ham
Topic: 6972 Message: 6979

Thank you Fred. yep, I might do the same. really like the radio,
and loaded with two CW filters and the SSB filter. Had one of these
rigs about 4 years ago, without the tuner. I just ordered a Palstar
so that I would have a tuner and be able to use the radio. My
antennas are a Zero Five vertical and need a tuner for that and also
have a homebrew OCF dipole/windom.
Thank you much for your time.
KK7XE

In TS-850_450_690@yahoogroups.com, "Fred VE3FAL" <flesnick@...>
wrote:
>
> I just had same issue with a 450SAT that I have, radio functions
great,
> tuner wont tune and hold tune...
> I needed to have lithium memory battery replaced at the shop and an
> alignment, but that is all.
>
> Fred
> VE3FAL
>
> -----Original Message-----
> From: TS-850_450_690@yahoogroups.com [mailto:TS-
850_450_690@yahoogroups.com]
> On Behalf Of Clif
> Sent: Thursday, April 10, 2008 11:21 AM
> To: TS-850_450_690@yahoogroups.com
> Subject: [TS-850_450_690] Re: 450 Autotuner
>
> Did you check the tuner before doing anything to the radio?
> Specifically going into the Option setting menu? If you turn on #1
in
> that menu it enables a AT-300 external tuner and disables the
internal
> tuner.
>
> Clif
>
>
> --- In TS-850_450_690@yahoogroups.com, "cw_ham" <cw_ham@> wrote:
> >
> > I just received a very nice 450AT, but the tuner is not working.
The
> > gentleman said it was upon shipping. I pulled it apart and
looked at

> > CN3 and CN4 also the 7 pin connector CN9. They all look fine.
Any
> > ideas???
> >
> > Thank you.
> >
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>

6980. Re: 450 Autotuner

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-04-10 15:50:18 UTC
From: cw_ham
Topic: 6972 Message: 6980

I turned it off, just to see if that would do anything, but with it off, that would (disable) the internal tuner if I am not mistaken....

In TS-850_450_690@yahoogroups.com, "Clif" <clif@...> wrote:
>
> Did you turn it OFF????
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "cw_ham" <cw_ham@> wrote:
> >
> > Yes, I went into the menu and #31 was set for (on). Guess I will open
> > up one more time, and gently, see if those connections I mentioned
> > before are nice and snug. Thank you. KK7XE
> >
> > --- In TS-850_450_690@yahoogroups.com, "Clif" <clif@> wrote:
> > >
> > > Did you check the tuner before doing anything to the radio?
> > > Specifically going into the Option setting menu? If you turn on #1
> > > in
> > > that menu it enables a AT-300 external tuner and disables the
> > > internal
> > > tuner.
> > >
> > > Clif
> > >
> > >
> > > --- In TS-850_450_690@yahoogroups.com, "cw_ham" <cw_ham@> wrote:
> > > >
> > > > I just received a very nice 450AT, but the tuner is not working.
> > > > The
> > > > gentleman said it was upon shipping. I pulled it apart and
> > > > looked at
> > > > CN3 and CN4 also the 7 pin connector CN9. They all look fine.
> > > > Any
> > > > ideas???
> > > >
> > > > Thank you.
> > > >
> > >

> >
>

6981. Re: 450 Autotuner

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-04-10 15:55:25 UTC
From: Clif
Topic: 6972 Message: 6981

I give up.

Turn it off...

Clif

--- In TS-850_450_690@yahoogroups.com, "cw_ham" <cw_ham@...> wrote:
>
> I turned it off, just to see if that would do anything, but with it
> off, that would (disable) the internal tuner if I am not mistaken....
>
>
> In TS-850_450_690@yahoogroups.com, "Clif" <clif@> wrote:
> >
> > Did you turn it OFF????
> >
> > Clif
> >
> > --- In TS-850_450_690@yahoogroups.com, "cw_ham" <cw_ham@> wrote:
> > >
> > > Yes, I went into the menu and #31 was set for (on). Guess I will
> open
> > > up one more time, and gently, see if those connections I
> mentioned
> > > before are nice and snug. Thank you. KK7XE
> > >
> > > --- In TS-850_450_690@yahoogroups.com, "Clif" <clif@> wrote:
> > > >
> > > > Did you check the tuner before doing anything to the radio?
> > > > Specifically going into the Option setting menu? If you turn on
> #1
> > > in
> > > > that menu it enables a AT-300 external tuner and disables the
> > > internal
> > > > tuner.
> > > >
> > > > Clif
> > > >
> > > >
> > > > --- In TS-850_450_690@yahoogroups.com, "cw_ham" <cw_ham@> wrote:
> > > > >
> > > > > I just received a very nice 450AT, but the tuner is not
> working.
> > > The
> > > > > gentleman said it was upon shipping. I pulled it apart and
> > > looked at

> > > > > CN3 and CN4 also the 7 pin connector CN9. They all look
> fine.
> > > Any
> > > > > ideas???
> > > > > >
> > > > > > Thank you.
> > > > > >
> > > > >
> > > >
> > >
>

6982. Re: [TS-850_450_690] Re: 450 Autotuner

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-04-10 16:05:20 UTC
From: Zack Widup
Topic: 6972 Message: 6982

The 850 also has a setting in the setup menu where you can use the tuner manually, using some of the knobs as adjustments while watching the SWR meter. Does the 450 have that feature?

73, Zack W9SZ

On Thu, 10 Apr 2008, cw_ham wrote:

> I turned it off, just to see if that would do anything, but with it
> off, that would (disable) the internal tuner if I am not mistaken....
>
>
> In TS-850_450_690@yahoogroups.com, "Clif" <clif@...> wrote:
>>
>> Did you turn it OFF????
>>
>> Clif
>>
>> --- In TS-850_450_690@yahoogroups.com, "cw_ham" <cw_ham@> wrote:
>>>
>>> Yes, I went into the menu and #31 was set for (on). Guess I will
> open
>>> up one more time, and gently, see if those connections I
> mentioned
>>> before are nice and snug. Thank you. KK7XE
>>>
>>> --- In TS-850_450_690@yahoogroups.com, "Clif" <clif@> wrote:
>>>>
>>>> Did you check the tuner before doing anything to the radio?
>>>> Specifically going into the Option setting menu? If you turn on
> #1
>>> in
>>>> that menu it enables a AT-300 external tuner and disables the
>>> internal
>>>> tuner.
>>>>
>>>> Clif
>>>>
>>>>
>>>> --- In TS-850_450_690@yahoogroups.com, "cw_ham" <cw_ham@> wrote:
>>>>>
>>>>> I just received a very nice 450AT, but the tuner is not
> working.
>>> The
>>>>> gentleman said it was upon shipping. I pulled it apart and
>>> looked at

>>>>> CN3 and CN4 also the 7 pin connector CN9. They all look
> fine.
>>> Any
>>>>> ideas???
>>>>>
>>>>> Thank you.
>>>>>
>>>>
>>>
>>
>
>
>

6983. Re: 450 Autotuner

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-04-10 16:09:35 UTC
From: cw_ham
Topic: 6972 Message: 6983

Hi Zack. yes it does, but the tuner does not function at all. Even in Manual Mode, the tune light would come on, and it does not. I have menu item#1, off and #31, on. Nothing happening. Thank you.
KK7XE Dennis

In TS-850_450_690@yahoogroups.com, Zack Widup <w9sz@...> wrote:
>
>
> The 850 also has a setting in the setup menu where you can use the tuner
> manually, using some of the knobs as adjustments while watching the SWR
> meter. Does the 450 have that feature?
>
> 73, Zack W9SZ
>
> On Thu, 10 Apr 2008, cw_ham wrote:
>
> > I turned it off, just to see if that would do anything, but with it
> > off, that would (disable) the internal tuner if I am not mistaken....
> >
> >
> > In TS-850_450_690@yahoogroups.com, "Clif" <clif@> wrote:
> >>
> >> Did you turn it OFF????
> >>
> >> Clif
> >>
> >> --- In TS-850_450_690@yahoogroups.com, "cw_ham" <cw_ham@> wrote:
> >>>
> >>> Yes, I went into the menu and #31 was set for (on). Guess I will
> > open
> >>> up one more time, and gently, see if those connections I
> > mentioned
> >>> before are nice and snug. Thank you. KK7XE
> >>>
> >>> --- In TS-850_450_690@yahoogroups.com, "Clif" <clif@> wrote:
> >>>>
> >>>> Did you check the tuner before doing anything to the radio?
> >>>> Specifically going into the Option setting menu? If you turn on
> > #1
> >>> in
> >>>> that menu it enables a AT-300 external tuner and disables the

> >>> internal
> >>>> tuner.
> >>>>
> >>>> Clif
> >>>>
> >>>>
> >>>> --- In TS-850_450_690@yahoogroups.com, "cw_ham" <cw_ham@>
wrote:
> >>>>>
> >>>>> I just received a very nice 450AT, but the tuner is not
> > working.
> >>> The
> >>>>> gentleman said it was upon shipping. I pulled it apart and
> >>> looked at
> >>>>> CN3 and CN4 also the 7 pin connector CN9. They all look
> > fine.
> >>> Any
> >>>>> ideas???
> >>>>>
> >>>>> Thank you.
> >>>>>
> >>>>
> >>>
> >>
> >
> >
> >
>

6984. Re: 450 Autotuner

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-04-10 16:21:06 UTC
From: Clif
Topic: 6972 Message: 6984

Ok a little clarification.

In the extended menu where you turned on the filters the number 1 item must be off. It is for use with an EXTERNAL tuner and when turned on for use with an EXTERNAL tuner it disables the internal tuner.

In extended menu #2 item 31 must be on.

With those settings what happens?

Clif

--- In TS-850_450_690@yahoogroups.com, "cw_ham" <cw_ham@...> wrote:
>
> Hi Zack. yes it does, but the tuner does not function at all. Even
> in Manual Mode, the tune light would come on, and it does not. I have
> menu item#1, off and #31, on. Nothing happening. Thank you.
> KK7XE Dennis
>
> In TS-850_450_690@yahoogroups.com, Zack Widup <w9sz@> wrote:
> >
> >
> > The 850 also has a setting in the setup menu where you can use the
> tuner
> > manually, using some of the knobs as adjustments while watching the
> SWR
> > meter. Does the 450 have that feature?
> >
> > 73, Zack W9SZ
> >
> > On Thu, 10 Apr 2008, cw_ham wrote:
> >
> > > I turned it off, just to see if that would do anything, but with
> it
> > > off, that would (disable) the internal tuner if I am not
> mistaken....
> > >
> > >
> > > In TS-850_450_690@yahoogroups.com, "Clif" <clif@> wrote:
> > >>
> > >> Did you turn it OFF????
> > >>
> > >> Clif
> > >>
> > >> --- In TS-850_450_690@yahoogroups.com, "cw_ham" <cw_ham@> wrote:
> > >>>

> > >>> Yes, I went into the menu and #31 was set for (on). Guess I will
> > > open
> > >>> up one more time, and gently, see if those connections I
> > > mentioned
> > >>> before are nice and snug. Thank you. KK7XE
> > >>>
> > >>> --- In TS-850_450_690@yahoogroups.com, "Clif" <clif@> wrote:
> > >>>>
> > >>>> Did you check the tuner before doing anything to the radio?
> > >>>> Specifically going into the Option setting menu? If you turn on
> > > #1
> > >>> in
> > >>>> that menu it enables a AT-300 external tuner and disables the
> > >>> internal
> > >>>> tuner.
> > >>>>
> > >>>> Clif
> > >>>>
> > >>>>
> > >>>> --- In TS-850_450_690@yahoogroups.com, "cw_ham" <cw_ham@>
> wrote:
> > >>>>>
> > >>>>> I just received a very nice 450AT, but the tuner is not
> > > working.
> > >>> The
> > >>>>> gentleman said it was upon shipping. I pulled it apart and
> > >>> looked at
> > >>>>> CN3 and CN4 also the 7 pin connector CN9. They all look
> > > fine.
> > >>> Any
> > >>>>> ideas???
> > >>>>>
> > >>>>> Thank you.
> > >>>>>
> > >>>>
> > >>>
> > >>
> > >
> > >
> > >
> >
>

6985. Re: [TS-850_450_690] Re: 450 Autotuner

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-04-10 16:14:41 UTC
From: kremper4-850@yahoo.com
Topic: 6972 Message: 6985

Clif, thanks for the laugh! :-)

Sometimes, it just gets to be too much!

73,

Paul / N1FB

Clif <clif@...> wrote:
I give up.

Turn it off...

Clif

--- In TS-850_450_690@yahoogroups.com, "cw_ham" <cw_ham@...> wrote:
>
> I turned it off, just to see if that would do anything, but with it
> off, that would (disable) the internal tuner if I am not mistaken....
>
>
> In TS-850_450_690@yahoogroups.com, "Clif" <clif@> wrote:
> >
> > Did you turn it OFF????
> >
> > Clif
> >
> > --- In TS-850_450_690@yahoogroups.com, "cw_ham" <cw_ham@> wrote:
> > >
> > > Yes, I went into the menu and #31 was set for (on). Guess I will
> open
> > > up one more time, and gently, see if those connections I
> mentioned
> > > before are nice and snug. Thank you. KK7XE
> > >
> > > --- In TS-850_450_690@yahoogroups.com, "Clif" <clif@> wrote:
> > > >
> > > > Did you check the tuner before doing anything to the radio?
> > > > Specifically going into the Option setting menu? If you turn on
> #1
> > > in
> > > > that menu it enables a AT-300 external tuner and disables the
> > > internal
> > > > tuner.
> > > >
> > > > Clif
> > > >

> > > >
> > > > --- In TS-850_450_690@yahoogroups.com, "cw_ham" <cw_ham@> wrote:
> > > > >
> > > > > I just received a very nice 450AT, but the tuner is not
> working.
> > > The
> > > > > gentleman said it was upon shipping. I pulled it apart and
> > > looked at
> > > > > CN3 and CN4 also the 7 pin connector CN9. They all look
> fine.
> > > Any
> > > > > ideas???
> > > > >
> > > > > Thank you.
> > > > >
> > > >
> > >
> >
>

[Non-text portions of this message have been removed]

6986. Re: 450 Autotuner

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-04-10 16:22:59 UTC
From: Clif
Topic: 6972 Message: 6986

Ok a little clarification.

In the extended menu where you turned on the filters the number 1 item must be off. It is for use with an EXTERNAL tuner and when turned on for use with an EXTERNAL tuner it disables the internal tuner.

In extended menu #2 item 31 must be on.

With those settings what happens?

Clif

--- In TS-850_450_690@yahoogroups.com, "cw_ham" <cw_ham@...> wrote:
>
> Hi Zack. yes it does, but the tuner does not function at all. Even
> in Manual Mode, the tune light would come on, and it does not. I have
> menu item#1, off and #31, on. Nothing happening. Thank you.
> KK7XE Dennis
>
> In TS-850_450_690@yahoogroups.com, Zack Widup <w9sz@> wrote:
> >
> >
> > The 850 also has a setting in the setup menu where you can use the
> tuner
> > manually, using some of the knobs as adjustments while watching the
> SWR
> > meter. Does the 450 have that feature?
> >
> > 73, Zack W9SZ
> >
> > On Thu, 10 Apr 2008, cw_ham wrote:
> >
> > > I turned it off, just to see if that would do anything, but with
> it
> > > off, that would (disable) the internal tuner if I am not
> mistaken....
> > >
> > >
> > > In TS-850_450_690@yahoogroups.com, "Clif" <clif@> wrote:
> > >>
> > >> Did you turn it OFF????
> > >>
> > >> Clif
> > >>
> > >> --- In TS-850_450_690@yahoogroups.com, "cw_ham" <cw_ham@> wrote:
> > >>>

> > >>> Yes, I went into the menu and #31 was set for (on). Guess I will
> > > open
> > >>> up one more time, and gently, see if those connections I
> > > mentioned
> > >>> before are nice and snug. Thank you. KK7XE
> > >>>
> > >>> --- In TS-850_450_690@yahoogroups.com, "Clif" <clif@> wrote:
> > >>>>
> > >>>> Did you check the tuner before doing anything to the radio?
> > >>>> Specifically going into the Option setting menu? If you turn on
> > > #1
> > >>> in
> > >>>> that menu it enables a AT-300 external tuner and disables the
> > >>> internal
> > >>>> tuner.
> > >>>>
> > >>>> Clif
> > >>>>
> > >>>>
> > >>>> --- In TS-850_450_690@yahoogroups.com, "cw_ham" <cw_ham@>
> wrote:
> > >>>>>
> > >>>>> I just received a very nice 450AT, but the tuner is not
> > > working.
> > >>> The
> > >>>>> gentleman said it was upon shipping. I pulled it apart and
> > >>> looked at
> > >>>>> CN3 and CN4 also the 7 pin connector CN9. They all look
> > > fine.
> > >>> Any
> > >>>>> ideas???
> > >>>>>
> > >>>>> Thank you.
> > >>>>>
> > >>>>
> > >>>
> > >>
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> > >
> > >
> >
>

6987. Re: 450 Autotuner

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-04-10 16:57:38 UTC
From: cw_ham
Topic: 6972 Message: 6987

OK, problem fixed. Thank you everyone for all the help and hope I provided enough humor and frustration for all. CN9 did have a broken wire, that upon moving it, it reared it's ugly head to show me something gone bad.

In TS-850_450_690@yahoogroups.com, "Clif" <clif@...> wrote:
>
> Ok a little clarification.
>
> In the extended menu where you turned on the filters the number 1 item
> must be off. It is for use with an EXTERNAL tuner and when turned on
> for use with an EXTERNAL tuner it disables the internal tuner.
>
> In extended menu #2 item 31 must be on.
>
> With those settings what happens?
>
> Clif
>
>
> --- In TS-850_450_690@yahoogroups.com, "cw_ham" <cw_ham@> wrote:
> >
> > Hi Zack. yes it does, but the tuner does not function at all. Even
> > in Manual Mode, the tune light would come on, and it does not. I have
> > menu item#1, off and #31, on. Nothing happening. Thank you.
> > KK7XE Dennis
> >
> > In TS-850_450_690@yahoogroups.com, Zack Widup <w9sz@> wrote:
> > >
> > >
> > > The 850 also has a setting in the setup menu where you can use the
> > tuner
> > > manually, using some of the knobs as adjustments while watching the
> > SWR
> > > meter. Does the 450 have that feature?
> > >
> > > 73, Zack W9SZ
> > >
> > > On Thu, 10 Apr 2008, cw_ham wrote:
> > >

> > > > I turned it off, just to see if that would do anything, but
with
> > it
> > > > > off, that would (disable) the internal tuner if I am not
> > mistaken....
> > > > >
> > > > >
> > > > > In TS-850_450_690@yahoogroups.com, "Clif" <clif@> wrote:
> > > > >>
> > > > >> Did you turn it OFF????
> > > > >>
> > > > >> Clif
> > > > >>
> > > > >> --- In TS-850_450_690@yahoogroups.com, "cw_ham" <cw_ham@>
wrote:
> > > > >>>
> > > > >>> Yes, I went into the menu and #31 was set for (on). Guess I
will
> > > > > open
> > > > >>> up one more time, and gently, see if those connections I
> > > > > mentioned
> > > > >>> before are nice and snug. Thank you. KK7XE
> > > > >>>
> > > > >>> --- In TS-850_450_690@yahoogroups.com, "Clif" <clif@> wrote:
> > > > >>>>
> > > > >>>> Did you check the tuner before doing anything to the radio?
> > > > >>>> Specifically going into the Option setting menu? If you
turn on
> > > > > #1
> > > > >>> in
> > > > >>>> that menu it enables a AT-300 external tuner and disables
the
> > > > >>> internal
> > > > >>>> tuner.
> > > > >>>>
> > > > >>>> Clif
> > > > >>>>
> > > > >>>>
> > > > >>>> --- In TS-850_450_690@yahoogroups.com, "cw_ham" <cw_ham@>
> > wrote:
> > > > >>>>>
> > > > >>>>> I just received a very nice 450AT, but the tuner is not
> > > > > working.
> > > > >>> The
> > > > >>>>> gentleman said it was upon shipping. I pulled it apart
and
> > > > >>> looked at
> > > > >>>>> CN3 and CN4 also the 7 pin connector CN9. They all look
> > > > > fine.
> > > > >>> Any

> > > >>>>> ideas???
> > > >>>>>
> > > >>>>> Thank you.
> > > >>>>>
> > > >>>>
> > > >>>
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>

6989. Increased Power on TS450SAT

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-04-11 01:31:50 UTC
From: Clif
Topic: 6989 Message: 6989

In case anyone wants to increase the power out on their TS450SAT look in the picture folder under Increased power on TS450SAT. The picture illustrates what happens when a tuner has to handle more power than it was designed for. This particular radio was putting out 215w on 20m. Needless to say it's now a plain S model. The PCB is Discontinued and the tuner is not repairable. The black area is where the board has turned to charcoal. The hole in the trace is where a coil fell out.

This applies to any of the Kenwoods with a built-in tuner.

Clif

6990. Quick TS-850 ATU Question

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-04-11 22:22:59 UTC
From: bkimura66
Topic: 6990 Message: 6990

Greetings,
Is there any way to configure the TS-850 ATU to stop tuning at the best SWR after the first try versus continuing to tune if it can't achieve a 1:1?

Thanks,
- Bill

6992. Re: [TS-850_450_690] Quick TS-850 ATU Question

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-04-11 23:10:23 UTC
From: johnnygm7lsi@aol.com
Topic: 6990 Message: 6992

No, but if you hit the tune button when the swr is at its lowest point it will set there

Greetings,
Is there any way to configure the TS-850 ATU to stop tuning at the best SWR after the first try versus continuing to tune if it can't achieve a 1:1?

Thanks,
- Bill

[Non-text portions of this message have been removed]

6993. Converting a TS-850 from UK to US Ham Band specifications

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-04-12 10:46:16 UTC
From: James Newton
Topic: 6993 Message: 6993

I am an owner/ dedicated operator of a UK standard TS-850. I have been UK licensed and resident for a number of years but now must consider returning to the US. My TS-850 is factory issue with band coverage for the UK preset.

Is there a modification which will convert the band coverage to the US standard?? For example, the full 40m coverage on the radio [old style IARU Zone 1] is 7.000 to 7.100 mhz whereas the US model's coverage would have been 7.000 to 7.300 mhz.

I know the full wide open modification is possible but I would like to retain the added out-of-band protection of limited access.

Thanks in advance
Jim m0ygw/k9ygw

6994. Re: Converting a TS-850 from UK to US Ham Band specifications

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-04-12 21:55:57 UTC
From: ve3tmt
Topic: 6993 Message: 6994

Jim,

As far as I am aware, there is only the "general coverage" mod. I don't believe you can only open up certain segments.

Max
VE3TMT

6995. Re: Converting a TS-850 from UK to US Ham Band specifications

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-04-12 22:50:20 UTC
From: James Newton
Topic: 6993 Message: 6995

Max,

I understand, and yet, there must be "hardware" distinction between the two configurations which creates the UK versus the US versions. The versions are the same in all other matters; functionality, features, physical features, and most interesting specifications.

I am not technically competent to ascertain the differentiating factor but cannot help but feel that there may be a diode configuration or "dip switch" setting somewhere in the circuitry which more qualified TS-850 practitioners might be aware of.

I hope someone may have an insight here. Thanks for responding and hope to work you one day soon.

Jim
m0ygw/k9ygw

--- In TS-850_450_690@yahoogroups.com, "ve3tmt" <ve3tmt@...> wrote:
>
> Jim,
>
> As far as I am aware, there is only the "general coverage" mod. I
> don't believe you can only open up certain segments.
>
> Max
> VE3TMT
>

6996. Re: Converting a TS-850 from UK to US Ham Band specifications

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-04-12 23:17:44 UTC
From: Jordan
Topic: 6993 Message: 6996

I believe it would be a case of the "Type" marker Kenwood uses, such as "K", "W", etc. depending on the destination market. Normally these differences are set using diode arrays, that you clip to enable or re-connect to disable. There can also be board level differences, as well as differences in the ROM, I know Kenwood uses the diodes and, in some cases, different circuit boards.

Going through the service manual shows Diodes D-6 thru D-12 as "Destination selection", as well as showing several different Digital unit boards which also depend on the intended destination. There doesn't seem to be anything indicated with a "T" , which is the code for England, but there are some difference with a generic "M" destination... My guess is it`s a board level issue...73...Jordan...

--- In TS-850_450_690@yahoogroups.com, "James Newton" <jamestnewton@...> wrote:
>
> I am an owner/ dedicated operator of a UK standard TS-850. I have been
> UK licensed and resident for a number of years but now must consider
> returning to the US. My TS-850 is factory issue with band coverage for
> the UK preset.
>
> Is there a modification which will convert the band coverage to the US
> standard?? For example, the full 40m coverage on the radio [old style
> IARU Zone 1] is 7.000 to 7.100 mhz whereas the US model's coverage
> would have been 7.000 to 7.300 mhz.
>
> I know the full wide open modification is possible but I would like to
> retain the added out-of-band protection of limited access.
>
> Thanks in advance
> Jim m0ygw/k9ygw
>

6997. New TS-????

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-04-13 08:05:56 UTC
From: Paul Spiteri
Topic: 6997 Message: 6997

Hello,
Can someone please tell me if Kenwood are going to launch a new model in Dayton ?? I am about to purchuse a new tranceiver, so it's better for me to buy a new model.
Thanks for any help in advance
73s all
de'
9H1SP
Paul
www.9h1sp.com

--
I am using the free version of SPAMfighter for private users.
It has removed 606 spam emails to date.
Paying users do not have this message in their emails.
Get the free SPAMfighter here: http://www.spamfighter.com/len

[Non-text portions of this message have been removed]

6998. Re: [TS-850_450_690] New TS-????

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-04-13 08:49:42 UTC
From: John Kramer
Topic: 6997 Message: 6998

Nope, 'fraid not Paul. I was at the Orlando Hamfest in February, I chatted
to the Kenwood rep - he tells me they are first working on a replacement
for the TH-D7A handheld, when that is out, then only will they get to the drawing
boards and design a new HF rig. He suggests it could be at least another 2 - 3
years away before we see a new one on the shelves. The major problem he says,
is that Kenwood are pumping most of their resources, time and money into
building commercial gear - because they sell 12 times more commercial stuff than
ham stuff. So, due to ecconomics - and you can't blame them, they have to go
where the money is, to prosper. We get a small percentage of their R & D time,
according to sales. It's a pity, they produced the finest equipment in the 80's
and 90's. Although the TS-2000 is still an amazing transceiver, and very well
worth the money. You can't go wrong if you buy a TS-2000 or a really good
used TS-870 or TS-850.

73

John ZS5J

On 13 Apr 2008, at 10:05 AM, Paul Spiteri wrote:

> Hello,
> Can someone please tell me if Kenwood are going to launch a new
> model in Dayton ?? I am about to purchuse a new tranceiver, so it's
> better for me to buy a new model.
> Thanks for any help in advance
> 73s all
> de'
> 9H1SP
> Paul
> www.9h1sp.com
>
> --
> I am using the free version of SPAMfighter for private users.
> It has removed 606 spam emails to date.
> Paying users do not have this message in their emails.
> Get the free SPAMfighter here: http://www.spamfighter.com/len

>
> [Non-text portions of this message have been removed]
>
>
>

Email sent using apple mail, with Apple iMac 2 core duo computer.

John Kramer

[Non-text portions of this message have been removed]

6999. Re: [TS-850_450_690] New TS-????

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-04-13 10:17:06 UTC
From: Steve Gehring
Topic: 6997 Message: 6999

Yes, an excellent TS-850s or TS-870 are fine radios, even by today's standards. Their receivers are STILL competitive.

73.

John Kramer wrote:
>
> Nope, 'fraid not Paul. I was at the Orlando Hamfest in February, I
> chatted
> to the Kenwood rep - he tells me they are first working on a replacement
> for the TH-D7A handheld, when that is out, then only will they get to
> the drawing
> boards and design a new HF rig. He suggests it could be at least
> another 2 - 3
> years away before we see a new one on the shelves. The major problem
> he says,
> is that Kenwood are pumping most of their resources, time and money into
> building commercial gear - because they sell 12 times more commercial
> stuff than
> ham stuff. So, due to ecconomics - and you can't blame them, they have
> to go
> where the money is, to prosper. We get a small percentage of their R &
> D time,
> according to sales. It's a pity, they produced the finest equipment in
> the 80's
> and 90's. Although the TS-2000 is still an amazing transceiver, and
> very well
> worth the money. You can't go wrong if you buy a TS-2000 or a really
> good
> used TS-870 or TS-850.
>
> 73
>
> John ZS5J
>
> On 13 Apr 2008, at 10:05 AM, Paul Spiteri wrote:
>
> > Hello,
> > Can someone please tell me if Kenwood are going to launch a new
> > model in Dayton ?? I am about to purchuse a new tranceiver, so it's
> > better for me to buy a new model.
> > Thanks for any help in advance
> > 73s all
> > de'
> > 9H1SP

> > Paul
> > www.9h1sp.com
> >
> > --
> > I am using the free version of SPAMfighter for private users.
> > It has removed 606 spam emails to date.
> > Paying users do not have this message in their emails.
> > Get the free SPAMfighter here: http://www.spamfighter.com/len
> <http://www.spamfighter.com/len>
> >
> > [Non-text portions of this message have been removed]
> >
> >
> >
>
> Email sent using apple mail, with Apple iMac 2 core duo computer.
>
> John Kramer
>
> [Non-text portions of this message have been removed]
>
>
> ---
>
> No virus found in this incoming message.
> Checked by AVG.
> Version: 7.5.519 / Virus Database: 269.22.13/1375 - Release Date: 4/12/2008 11:32 AM
>

[Non-text portions of this message have been removed]

7000. Re: [TS-850_450_690] New TS-????

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-04-13 13:12:54 UTC
From: Anthony W. DePrato
Topic: 6997 Message: 7000

At 06:17 AM 4/13/2008, you wrote:
>Yes, an excellent TS-850s or TS-870 are fine radios, even by today's
>standards. Their receivers are STILL competitive.
>
>73.
>
>
>John Kramer wrote:
>yes john is correct. the TS series 950,850, and 870 are outstanding
>rigs. i have two of each. one ts 950sd still in the box. guess i
>need to get it on the air or sell hihi.. but like john said this
>series are the chose of contesters and the receiver is why. they are
>not as EZ plug and play as the other two companies radios when it
>comes to computer control but with the new G4ZLP interface and a
>few others it is a breeze now. i also do not think you can go wrong
>with one of these. i had been hoping kenwood would come out with a
>new one but they are now providing HT's for a lot of law enforcement
>and Homeland Security groups.

73 Tony

QBE ZUT DE WA4JQS

ANTHONY W. (Tony) DePrato WA4JQS EXTRA - HEAVY
Since 1962
CQ DX HALL OF FAME # 35
A1-OP FISTS # 10573 SKCC #1227 F.O.P. LODGE 68
DXCC PHONE- DXCC CW- DXCC RTTY- DXCC MIXED
DXCC 40, 20, 15, 10 METERS
South Sandwich Island Dxpedition Group
CALLS HELD:
WA4JQS/ZS1, WA4JQS/KC4, WA4JQS/4K1
ZD8JQS, V31SS, VP8BZL, VP8SSI, 3Y0PI

[Non-text portions of this message have been removed]

7001. Re: Increased Power on TS450SAT

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-04-14 15:39:39 UTC
From: Steve Matda
Topic: 6989 Message: 7001

Now that was definitely worth that extra 3 dB gain...I just wonder how
well the finals have fared...

Steve, KE4MOB

--- In TS-850_450_690@yahoogroups.com, "Clif" <clif@...> wrote:
>
> In case anyone wants to increase the power out on their TS450SAT look
> in the picture folder under Increased power on TS450SAT. The picture
> illustrates what happens when a tuner has to handle more power than it
> was designed for. This particular radio was putting out 215w on 20m.
> Needless to say it's now a plain S model. The PCB is Discontinued and
> the tuner is not repairable. The black area is where the board has
> turned to charcoal. The hole in the trace is where a coil fell out.
>
> This applies to any of the Kenwoods with a built-in tuner.
>
> Clif
>

7002. Kenwood SM220 Monitor Scope on a TS-450?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-04-15 03:10:22 UTC
From: Sam M
Topic: 7002 Message: 7002

Will a Kenwood SM220 Monitor Scope work on a TS-450?
Also if it doesn't have the BS-8 unit already installed,
how hard are they to come by?
--
GB & 73
KA5OAI
Sam Morgan
http://linuxbasics.org
Linux, the lifetime learning experience.

7003. Re: Increased Power on TS450SAT

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-04-15 04:32:07 UTC
From: Clif
Topic: 6989 Message: 7003

The finals are still trucking right along. About the only thing that hurts them is overvoltage. They are rated at 18v C-E MAX, so if your homebrew power supply fails and puts 20v on them they are usually toast.

Clif

--- In TS-850_450_690@yahoogroups.com, "Steve Matda" <smatda@...> wrote:
>
> Now that was definitely worth that extra 3 dB gain...I just wonder how
> well the finals have fared...
>
>
> Steve, KE4MOB
>
>
> --- In TS-850_450_690@yahoogroups.com, "Clif" <clif@> wrote:
> >
> > In case anyone wants to increase the power out on their TS450SAT look
> > in the picture folder under Increased power on TS450SAT. The picture
> > illustrates what happens when a tuner has to handle more power than it
> > was designed for. This particular radio was putting out 215w on 20m.
> > Needless to say it's now a plain S model. The PCB is Discontinued and
> > the tuner is not repairable. The black area is where the board has
> > turned to charcoal. The hole in the trace is where a coil fell out.
> >
> > This applies to any of the Kenwoods with a built-in tuner.
> >
> > Clif
> >
>

7004. Re: [TS-850_450_690] Kenwood SM220 Monitor Scope on a TS-450?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-04-15 20:36:45 UTC
From: ve3wej gmail
Topic: 7002 Message: 7004

your manual should tell you if the sm220 will work. any scope will work on rf output, but the bs-8 is needed for the pan to work on either model.

availability....search google, ebay, eham, qth.com and any other swaps around to check on this

VE3WEJ
Dave Garber

10-X # 23465
echolink # 52852
irlp node 2202
email ve3wej@...
----- Original Message -----
From: Sam M
To: TS-850_450_690@yahoogroups.com
Sent: Monday, April 14, 2008 11:10 PM
Subject: [TS-850_450_690] Kenwood SM220 Monitor Scope on a TS-450?

Will a Kenwood SM220 Monitor Scope work on a TS-450?
Also if it doesn't have the BS-8 unit already installed,
how hard are they to come by?
--
GB & 73
KA5OAI
Sam Morgan
http://linuxbasics.org
Linux, the lifetime learning experience.

[Non-text portions of this message have been removed]

7005. Re: [TS-850_450_690] Kenwood SM220 Monitor Scope on a TS-450?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-04-15 22:54:03 UTC
From: Sam M
Topic: 7002 Message: 7005

ve3wej gmail wrote:
> your manual should tell you if the sm220 will work. any scope will work on rf output, but the bs-8 is needed for the pan to work on either model.
>
nothing in the TS-450S instruction manual or service manual
says anything about an SM220,
but the SM220 manual says it works with 88.3mhz if's
--
GB & 73
KA5OAI
Sam Morgan
http://linuxbasics.org
Linux, the lifetime learning experience.

7006. Re: [TS-850_450_690] Kenwood SM220 Monitor Scope on a TS-450?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-04-16 01:31:00 UTC
From: ve3wej gmail
Topic: 7002 Message: 7006

checked the kenwood booklet, and it shows the sm230 for the 850 and 950, with no dot in the other models (450s included)

sm220 is actually for the 820/830 series... other than the coloring, not sure if there is actually anything different

VE3WEJ
Dave Garber

10-X # 23465
echolink # 52852
irlp node 2202
email ve3wej@...
----- Original Message -----
From: Sam M
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, April 15, 2008 6:54 PM
Subject: Re: [TS-850_450_690] Kenwood SM220 Monitor Scope on a TS-450?

ve3wej gmail wrote:
> your manual should tell you if the sm220 will work. any scope will work on rf output, but the bs-8 is needed for the pan to work on either model.
>
nothing in the TS-450S instruction manual or service manual
says anything about an SM220,
but the SM220 manual says it works with 88.3mhz if's
--
GB & 73
KA5OAI
Sam Morgan
http://linuxbasics.org
Linux, the lifetime learning experience.

[Non-text portions of this message have been removed]

7007. Hmmm.....New (to me) TS-850 and I need.....

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-04-16 16:09:43 UTC
From: Steven Hays
Topic: 7007 Message: 7007

I just retired the old TS-130SE and replaced it with a very nice TS-850S. I need the AT-850 tuner that mounts inside the radio if anybody has a working one they would be willing to part with.

73,
Steve kc0rey

7008. Fw: [TS-850_450_690] Kenwood SM220 Monitor Scope on a TS-450?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-04-16 19:08:05 UTC
From: ve3wej gmail
Topic: 7008 Message: 7008

no problem, here is the forward from another user. Paul, who is haveing trouble replying..

Paul, check your user name etc on yahoo to make sure your default email account is indeed the correct subscribed email account

VE3WEJ
Dave Garber

----- Original Message -----
From: condor@...
To: ve3wej@...
Sent: Wednesday, April 16, 2008 2:12 AM
Subject: Re: [TS-850_450_690] Kenwood SM220 Monitor Scope on a TS-450?

Good morning.

Every time I reply to a message on this forum, I get a "Cannot send" message.
I thought I would send a copy of this directly to you, and you can post it (or not).

Paul - K2BK

condor@... wrote:
The SM-220 was also usable for the TS-940.

There was a world of difference between the SM-220 and the SM-230.

The SM-220 could also be used to tune linear amplifiers via a two tone output and a trapezoid display, a RTTY tuning aid (with crossed ellipses) , and a standard X/Y oscilloscope.

The SM-230 was just a band scope with dual trace abilities - the lower trace covered ~100 Kcs or so of band, and the upper trace covered a adjustable smaller section, down to 5Kcs (IIRC), and was designed for the TS-950 only. This dual trace functioned like a standard dual trace scope, with the smaller trace on the top highlighted by a brighter section of the lower trace - this feature only worked with the TS-950 using a special cable.

When used with the TS-850, only a single trace can be seen, and it used a single RCA cable.

Paul - K2BK

ve3wej gmail wrote:
checked the kenwood booklet, and it shows the sm230 for the 850 and 950,

with no dot in the other models (450s included)

sm220 is actually for the 820/830 series... other than the coloring, not sure if there is actually anything different

VE3WEJ
Dave Garber

10-X # 23465
echolink # 52852
irlp node 2202
email ve3wej@...
----- Original Message -----
From: Sam M
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, April 15, 2008 6:54 PM
Subject: Re: [TS-850_450_690] Kenwood SM220 Monitor Scope on a TS-450?

ve3wej gmail wrote:
> your manual should tell you if the sm220 will work. any scope will work on rf output, but the bs-8 is needed for the pan to work on either model.
>
nothing in the TS-450S instruction manual or service manual
says anything about an SM220,
but the SM220 manual says it works with 88.3mhz if's
--
GB & 73
KA5OAI
Sam Morgan
http://linuxbasics.org
Linux, the lifetime learning experience.

[Non-text portions of this message have been removed]

7009. Re: Fw: [TS-850_450_690] Kenwood SM220 Monitor Scope on a TS-450?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-04-17 16:31:34 UTC
From: Clif
Topic: 7008 Message: 7009

I differ with K2BK. The SM230 is a much improved SM220. It has a much
better pan adapter and can be used as such with any radio that can use
a SM220, with not add-ons needed (IE BS5 or BS8). It has a 2-tone
generator. It will function as an 'scope. It has RTTY mark and space
inputs. The only thing it doesn't have is the capability to check the
linearity of an amplifier but does have the ability to monitor the
transmitted signal thru a pick-off point.

Clif

--- In TS-850_450_690@yahoogroups.com, "ve3wej gmail" <ve3wej@...> wrote:
>
> no problem, here is the forward from another user. Paul, who is haveing
> trouble replying..
>
>
> Paul, check your user name etc on yahoo to make sure your default email
> account is indeed the correct subscribed email account
>
>
>
> VE3WEJ
> Dave Garber
>
>
> ----- Original Message -----
> From: condor@...
> To: ve3wej@...
> Sent: Wednesday, April 16, 2008 2:12 AM
> Subject: Re: [TS-850_450_690] Kenwood SM220 Monitor Scope on a TS-450?
>
>
> Good morning.
>
> Every time I reply to a message on this forum, I get a "Cannot send"
> message.
> I thought I would send a copy of this directly to you, and you can
post it
> (or not).
>
> Paul - K2BK
>
>
> condor@... wrote:
> The SM-220 was also usable for the TS-940.

>
> There was a world of difference between the SM-220 and the SM-230.
>
> The SM-220 could also be used to tune linear amplifiers via a two
tone
> output and a trapezoid display, a RTTY tuning aid (with crossed
ellipses) ,
> and a standard X/Y oscilloscope.
>
> The SM-230 was just a band scope with dual trace abilities - the
lower
> trace covered ~100 Kcs or so of band, and the upper trace covered a
> adjustable smaller section, down to 5Kcs (IIRC), and was designed
for the
> TS-950 only. This dual trace functioned like a standard dual trace
scope,
> with the smaller trace on the top highlighted by a brighter section
of the
> lower trace - this feature only worked with the TS-950 using a special
> cable.
>
> When used with the TS-850, only a single trace can be seen, and it
used a
> single RCA cable.
>
> Paul - K2BK
>
> ve3wej gmail wrote:
> checked the kenwood booklet, and it shows the sm230 for the 850
and 950,
> with no dot in the other models (450s included)
>
> sm220 is actually for the 820/830 series... other than the
coloring, not
> sure if there is actually anything different
>
> VE3WEJ
> Dave Garber
>
> 10-X # 23465
> echolink # 52852
> irlp node 2202
> email ve3wej@...
> ----- Original Message -----
> From: Sam M
> To: TS-850_450_690@yahoogroups.com
> Sent: Tuesday, April 15, 2008 6:54 PM
> Subject: Re: [TS-850_450_690] Kenwood SM220 Monitor Scope on a
TS-450?
>

> ve3wej gmail wrote:
> > your manual should tell you if the sm220 will work. any scope
will
> work on rf output, but the bs-8 is needed for the pan to work on either
> model.
> >
> nothing in the TS-450S instruction manual or service manual
> says anything about an SM220,
> but the SM220 manual says it works with 88.3mhz if's
> --
> GB & 73
> KA5OAI
> Sam Morgan
> http://linuxbasics.org
> Linux, the lifetime learning experience.
>
> [Non-text portions of this message have been removed]
>

7010. Re: Hmmm.....New (to me) TS-850 and I need.....

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-04-20 01:41:10 UTC
From: mickatthelake
Topic: 7007 Message: 7010

--- In TS-850_450_690@yahoogroups.com, "Steven Hays" <kc0rey@...> wrote:
>
> I just retired the old TS-130SE and replaced it with a very nice
> TS-850S. I need the AT-850 tuner that mounts inside the radio if
> anybody has a working one they would be willing to part with.
>
> 73,
> Steve kc0rey
>
Hi Steve;
I just saw an AT-850 at the KC Hamfest today
Call Associated Radio and ask for Dan. I think it had a price tag of
$185.00 Their phone # is 800 497 1457
Good luck Frank KI0RQ

7011. Re: Auto Tuner for TS-850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-04-20 01:31:32 UTC
From: mickatthelake
Topic: 6947 Message: 7011

--- In TS-850_450_690@yahoogroups.com, "bkimura66" <bill.kimura@...>
wrote:
>Hello; I was just reading the July 1991 QST review of the 850, and I
think I remember reading that the 850 will send Morse code for SWR if
no match, and the Letter T if match is good.
I can't verify this, but try it.
Frank KI0RQ

> Hi Steve,
> I'm getting a series of beeps, and I'm noticing the SWR is at around
> 1.4/1.5 when the series of beeps emits. I guess my question is this:
> Is it beeping because it's unable to achieve a 1:1 SWR, and that last
> reading on the meter is the final SWR, or is it beeping because it's
> unable to achieve an SWR of 3:1 or better, in which case I have a
> problem. I don't have any way to measure power unfortunately.
>
> Thanks for your reply.
>
> - Bill
>
> --- In TS-850_450_690@yahoogroups.com, Crownhaven <crownhaven@> wrote:
> >
> > If it emits a series of beeps, it is not able to achieve a match.
> If it
> > beeps once and the tuner stops, it has achieved a match. At least
this
> > is my experience with these tuners. If you are saying you are
getting a
> > match of 1.5:1, that would be fine as far as I am concerned. I
assume
> > you aren't seeing any power fold back when you transmit? It isn't
> > necessary to have a flat SWR.
> >
> > Steve, N4JQQ
> >
> > bkimura66 wrote:
> > >
> > > Hello,
> > > I installed a multi-band cobra ultralite senior antenna yesterday
> > > afternoon. The TS-850 ATU seems to tune every band with the
exception
> > > of a small range within 20m. (14.230 - 14.350) However, I can tune
> > > 14.100, 14.150, 14.200, etc. I cranked both the power and car level
> > > fully clockwise prior to tuning. Questions:
> > >

> > > 1.) Does this sound like typical behavior?
> > > 2.) Does the ATU beep if it's unable to achieve an SWR of 1:1,
or does
> > > it beep if it's unable to achieve an SWR of 3:1 or less? (The SWR
> > > meter shows about 1.4/1.5 when it finally beeps)
> > > 3.) I haven't tried it yet, but should I attempt to manual tune
these
> > > sections of 20m?
> > >
> > > As always, any tips would be greatly appreciated.
> > >
> > > Thanks!
> > >
> > > - Bill
> > >
> > >
> >
>

7012. TS850s queries

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-04-20 10:22:49 UTC
From: Brian
Topic: 7012 Message: 7012

Hi All,
I am new to this group and new to the TS850sat.
For the last week I have had a TS850sat sitting on the bench next to a IC746Pro and have to make a choice, at the moment, whatever signal I can pull out of the QRM etc with the Pro the 850 can do the same, the 850 is going to be the keeper.
I have checked out the battery, perfect, also checked for leaky cap's, all clean, everything is so clean in fact I don't think the fan has ever turned.
This is in the 3mill serial number, is there anything else I should look for ????
G4ZLP offers the IP232 interface, will this plug into the back and work or is there an optional extra needed within the rig ????
73
Brian
ZL4AD

[Non-text portions of this message have been removed]

7013. Re: [TS-850_450_690] TS850s queries

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-04-20 13:50:14 UTC
From: Ken, KA0W
Topic: 7012 Message: 7013

Hello Brian!

the G4ZLP Kenwood CAT Interface is all you need to hook up to a computer. I just received one, excellent quality and reasonable price.

I recently picked up a very clean 30 mil TS-850S. Not a mark on it, appears to have never been used. I am very happy with it. I installed a pair of Inrad 400Hz IF filters and a 250 Hz IF filter. Backup battery and CAR board caps all "OK" at this time in mine as well. I will change the battery anyway, 5 year life span for them.

If I want DSP noise reduction I hook the audio to a CLRdsp and a SCAF-1, than to a powered speaker. Most excellent to listen to. Better audio than what I heard out of my Orion II, and without the constant dialing looking for the audio sweet spot. At least for me it is. Much prefer the feel of the rigs before software driven mistakes showed up on the market to waste my money on.

Have fun!

Ken, KA0W

--- On Sun, 4/20/08, Brian <be.jo@...> wrote:

> From: Brian <be.jo@...>
> Subject: [TS-850_450_690] TS850s queries
> To: TS-850_450_690@yahoogroups.com
> Date: Sunday, April 20, 2008, 5:22 AM
> Hi All,
> I am new to this group and new to the TS850sat.
> For the last week I have had a TS850sat sitting on the
> bench next to a IC746Pro and have to make a choice, at the
> moment, whatever signal I can pull out of the QRM etc with
> the Pro the 850 can do the same, the 850 is going to be the
> keeper.
> I have checked out the battery, perfect, also checked for
> leaky cap's, all clean, everything is so clean in fact
> I don't think the fan has ever turned.
> This is in the 3mill serial number, is there anything else
> I should look for ????
> G4ZLP offers the IP232 interface, will this plug into the
> back and work or is there an optional extra needed within
> the rig ????
> 73
> Brian
> ZL4AD
>
>
>

>
>
>
> [Non-text portions of this message have been removed]
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...!
> Groups Links
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>

7014. Re: TS850s queries

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-04-20 14:24:49 UTC
From: ve3tmt
Topic: 7012 Message: 7014

Brian,

Tough choice. What the 746PRO lacks in receiver quality, it makes up for in band coverage. If you plan to do any VHF SSB work and keep the 850, you will need another 2m rig, unless you already have one. Downside to the the HF/VHF/UHF all mode rigs, is..if it is the only rig you own, and it needs to go to the shop for repair, you are off the bands 100%. With a separate rig, at least you can stay on the air somewhat. I would go with the 850, pick yourself up an older Kenwood TS-711 2m all-mode for the VHF activity.

73,
Max
VE3TMT

7015. Re: [TS-850_450_690] TS850s queries

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-04-20 14:45:37 UTC
From: Anthony W. DePrato
Topic: 7012 Message: 7015

>
>Brian
>ZL4AD
>You have a winner with the TS850SAT. i have two of them and they
>still outperform any of the new rigs i have tried. have not tried
>the new Ten Tec or K3 as yet. but the old 850's like the Drake R4's
>are real workhorses. what i would do is go ahead and have
>the 16Volt caps replaced just to be on the safe side. they will go
>bad. i also got a battery holder and moved the battery up topside
>where i could just take the top cover off to replace. there is a
>webpage that shows all of these mods. as for G4ZLP's interface that
>is what i have. i got the ones for my 870 and 570 which work great.
>i ordered just one for the 850 as i wanted to make sure it would do
>the job before i got 3 more for the other 850 and two 950's. here is
>what i have found in the past two weeks as i have been setting up my
>stations for computer operation after years of not doing so. hihi..

the ZLP interface with the 570 and DXLAB suite of software works
great. there is a learning curve to the software setup but i can not
use it of rtty psk and cw note on the cw it does not decode cw but
you can send keyboard cw if you want. since i use a bug for cw i do
not use the keyboarding but wanted to see if i could get it to work.
what you will need to do if decide if you want FSK or AFSK . the
AFSK is the EZ way to go all you need to make up is two cables (you
can get them from ZLP) one takes the audio from the speaker jack on
the back of the radio to the line in on the sound card. you will need
to take a 10k and 1k resistor and put them in series to ground and
tap the audio off between the two resistors to keep from overdriving
your sound card. you could make yourself a small box with a variable
pot and tap off the center lead. the other lead will take line out to
the mic in and mic sheild pins on the mic jack on the radios front..
i have tried to use the 13 pin DIN plug on the back of the radio but
the pins are dead till you switch pin 9 to active . i just have not
had time to build a interface to do that. ZLP's interface will work
with Hamradiodeluxe dxlab and n1mm software.you just have to decide
what you want to do with the software.
1 HRD rig control sat log and psk dx cluster
2 N1MM rig control contesting dx cluster
3 DXLAB rig control rtty psk cw logging dx cluster prop path
grayline call sign lookup

so the bottom line is that with the ZLP and the 850 you will still
need to make up two cables one for audio in and one for audio out. to
decode and send cw you will either have to use a digi keyer or a
pk232 pk900 kam ect. also for fsk you will need the pk or kam. i

think some of the guys have gotten fsk to work with their soundcards but i have not as yet. one think to keep in mind the new computers either do not have a serial port or only have one and two ports are ideal for all of this. you can use the printer port for the digikeyer and the pk/kam but i have not gotten that far as yet. hope this has been of some little help. keep us all informed as to how it is going. of course i may have made a mistake or two in this email as it is very early in the morning here in KY and the coffee is not yet ready . so boys if i have please correct my mistakes so Brian can get the 850 up and going
73 Tony

QBE ZUT DE WA4JQS

ANTHONY W. (Tony) DePrato WA4JQS EXTRA - HEAVY
Since 1962
CQ DX HALL OF FAME # 35
A1-OP FISTS # 10573 SKCC #1227 F.O.P. LODGE 68
DXCC PHONE- DXCC CW- DXCC RTTY- DXCC MIXED
DXCC 40, 20, 15, 10 METERS
South Sandwich Island Dxpedition Group
CALLS HELD:
WA4JQS/ZS1, WA4JQS/KC4, WA4JQS/4K1
ZD8JQS, V31SS, VP8BZL, VP8SSI, 3Y0PI

[Non-text portions of this message have been removed]

7016. Re: [TS-850_450_690] TS850s queries

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-04-20 16:25:16 UTC
From: Tom Osborne
Topic: 7012 Message: 7016

Hi Brian

Not sure what else to look for on the '850, but G4ZLP's interface will work fine. I have 2 of them here on '450SAT's and they are plug and play. 73
Tom W7WHY

> G4ZLP offers the IP232 interface, will this plug into the back and work or
> is there an optional extra needed within the rig ????
> 73
> Brian
> ZL4AD
>
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> [Non-text portions of this message have been removed]
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>
> THANKS FOR USING TS-850_450_690@...! Groups Links
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7017. TS-850S Memory Encoder

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-04-20 16:36:31 UTC
From: Crownhaven
Topic: 7017 Message: 7017

I am still looking for a memory encoder for a TS-850S. The part has
been discontinued and no one appears to have any of them anymore.

Steve, N4JQQ

7018. Transverter 10mtrs to 6 mtrs

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-04-20 17:05:48 UTC
From: Paul Spiteri
Topic: 7018 Message: 7018

Hello everyone,
I am looking for a transverter 100 Watts from 28 Mhz to 54Mhz (10 Mtrs to 6 Mtrs) for my TS-850. Can someone please help me on one. If you want send personal e-mail on qrz.com.
Thanks in advance
73s all
de'
9H1SP
Paul

--
I am using the free version of SPAMfighter for private users.
It has removed 610 spam emails to date.
Paying users do not have this message in their emails.
Get the free SPAMfighter here: http://www.spamfighter.com/len

[Non-text portions of this message have been removed]

7019. Re: [TS-850_450_690] TS850s queries

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-04-20 21:09:15 UTC
From: Brian
Topic: 7012 Message: 7019

Hi All,
Many thanks for all the good info, great stuff.
I will have to sort out Filters in the future but at the moment will see how it goes with the standard Kenwood ones, and once I get used to using the Slope Tune.
I use logger32, and have done so for years,I will use the ZLP, then transfer my home brewed interface over to the ACC2, and hope I strike a good day with no shaky hands.
Just one last question at the moment, I have the PS-52, are they capable of running FSK RTTY for extended periods, like doing the odd contest ????
I wont miss 2m, we have no one to talk to here on that band, and 6m is also off limits owing to the TV channels.
73 and thank you all
Brian
ZL4AD

----- Original Message -----
From: "Brian" <be.jo@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Sunday, April 20, 2008 10:22 PM
Subject: [TS-850_450_690] TS850s queries

> Hi All,
> I am new to this group and new to the TS850sat.
> For the last week I have had a TS850sat sitting on the bench next to a
> IC746Pro and have to make a choice, at the moment, whatever signal I can
> pull out of the QRM etc with the Pro the 850 can do the same, the 850 is
> going to be the keeper.
> I have checked out the battery, perfect, also checked for leaky cap's, all
> clean, everything is so clean in fact I don't think the fan has ever
> turned.
> This is in the 3mill serial number, is there anything else I should look
> for ????
> G4ZLP offers the IP232 interface, will this plug into the back and work or
> is there an optional extra needed within the rig ????
> 73
> Brian
> ZL4AD
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> [Non-text portions of this message have been removed]

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>
> THANKS FOR USING TS-850_450_690@...! Groups Links
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7020. Re: TS850s queries

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-04-20 23:33:15 UTC
From: ve3tmt
Topic: 7012 Message: 7020

--- In TS-850_450_690@yahoogroups.com, "Brian" <be.jo@...> wrote:

> Just one last question at the moment, I have the PS-52, are they capable of running FSK RTTY for extended periods, like doing the odd contest ????

Brian,

I use mine for most of the RTTY contests and have no problem running 100W for extended periods of time. I use a home brew well regulated 40A supply so I have no concerns about the power supply. The 850 has never missed a beat. They are great FSK radios.

Max
VE3TMT

7021. Re: [TS-850_450_690] TS850s queries

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-04-20 23:37:41 UTC
From: Anthony W. DePrato WA4JQS
Topic: 7012 Message: 7021

>BRIAN

I have used the p52's for rtty contests for years have 4 that i leave
on 24/7/365 and no problems
73 Tony

>----- Original Message -----
>From: "Brian" <be.jo@...>
>To: <TS-850_450_690@yahoogroups.com>
>Sent: Sunday, April 20, 2008 10:22 PM
>Subject: [TS-850_450_690] TS850s queries
>
>
> > Hi All,
> > I am new to this group and new to the TS850sat.
> > For the last week I have had a TS850sat sitting on the bench next to a
> > IC746Pro and have to make a choice, at the moment, whatever signal I can
> > pull out of the QRM etc with the Pro the 850 can do the same, the 850 is
> > going to be the keeper.
> > I have checked out the battery, perfect, also checked for leaky cap's, all
> > clean, everything is so clean in fact I don't think the fan has ever
> > turned.
> > This is in the 3mill serial number, is there anything else I should look
> > for ????
> > G4ZLP offers the IP232 interface, will this plug into the back and work or
> > is there an optional extra needed within the rig ????
> > 73
> > Brian
> > ZL4AD
> >
> >
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> > [Non-text portions of this message have been removed]
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> >
> > THANKS FOR USING TS-850_450_690@...! Groups Links
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>
>THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>
Anthony W. DePrato WA4JQS
QCWA # 23602 10X # 3621
A1-OP FISTS # 10573 VBA # 55 AMI # 1274
NCDXF # 1036 RNARS # 1309 SKCC # 1227
DXCC PHONE DXCC RTTY DXCC CW
Lis. 1962 Calls Held
VP8BZL VP8SSI 3Y0PI V31SS ZD8JQS
WA4JQS/ZS1 WA4JQS/4K1 WA4JQS/KC4

7022. TS870 queries

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-04-20 23:49:36 UTC
From: Anthony W. DePrato WA4JQS
Topic: 7012 Message: 7022

>ok guys just one question as i got corn fused as they say. reading
>the help files. got the ts 870 hooked up. have the G4ZLP interface
>make up a cable to take line out from the sound card to the mic jack
>on the front for afsk. tapped into the speaker out for audio input
>to the sound cards line in. configered dxlab commander everything
>works fine psk rtty made a few contects go good reports the imd
>is good. now i have switched to cw. wanted to try some keyboarding.
>(note i copy by ear) so no decoder needed. set up for 20 wpm hit the
>start button it keys the ts 870 the buffer on ww starts and the
>little green lite flashed. but i get no input to the rig.

am i wrong to think that i should be able to produce cw with the 870
,ww and the g4zlp interface. know i am overlooking something because
i had the 570 going a week ago before i stuck one of the 850's on
the computer to set it up.
thanks for any tips
73 Tony

Anthony W. DePrato WA4JQS
QCWA # 23602 10X # 3621
A1-OP FISTS # 10573 VBA # 55 AMI # 1274
NCDXF # 1036 RNARS # 1309 SKCC # 1227
DXCC PHONE DXCC RTTY DXCC CW
Lis. 1962 Calls Held
VP8BZL VP8SSI 3Y0PI V31SS ZD8JQS
WA4JQS/ZS1 WA4JQS/4K1 WA4JQS/KC4

7023. Antenna Tuner Problems

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-04-23 18:28:47 UTC
From: carl.bohman
Topic: 7023 Message: 7023

Hi,

I have a TS-450SAT. The antenna tuner isn't quite working correctly.

If the match (SWR) is close, then the tuner will tune.

If it is off, if I keep starting and stoping the tuner it will eventally tune. While tuning you see forward power and reverse power on the bargraph meter, but after a split second you then see the forward and reverse power go to 0, nothing.

This radio when I received it was adjusted for more RF output, 150+ watts. I have since readjusted per service manual spec.

I removed the tuner and can see no obvious defective or blown parts. Can anyone make some suggestions where to begin? How do you troubleshoot, in or out of the radio?

I do have a TS-690SAT and have duplicated the problem with the tuner in the TS-690SAT and have put the tuner from the TS-690S into the TS-450SAT and verified that the radio and interface are working correctly.

73,

Carl - W9PMZ

7024. Re: [TS-850_450_690] Antenna Tuner Problems

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-04-23 20:52:26 UTC
From: ve3wej gmail
Topic: 7023 Message: 7024

sounds like you verified the 450's tuner is bad......seen this before asked on this group, maybe searching the archives, if no one gives you an answer.

VE3WEJ
Dave Garber

10-X # 23465
echolink # 52852
irlp node 2202
email ve3wej@...
----- Original Message -----
From: carl.bohman
To: TS-850_450_690@yahoogroups.com
Sent: Wednesday, April 23, 2008 2:28 PM
Subject: [TS-850_450_690] Antenna Tuner Problems

Hi,

I have a TS-450SAT. The antenna tuner isn't quite working
correctly.

If the match (SWR) is close, then the tuner will tune.

If it is off, if I keep starting and stoping the tuner it will
eventally tune. While tuning you see forward power and reverse power
on the bargraph meter, but after a split second you then see the
forward and reverse power go to 0, nothing.

This radio when I received it was adjusted for more RF output, 150+
watts. I have since readjusted per service manual spec.

I removed the tuner and can see no obvious defective or blown parts.
Can anyone make some suggestions where to begin? How do you
troubleshoot, in or out of the radio?

I do have a TS-690SAT and have duplicated the problem with the tuner
in the TS-690SAT and have put the tuner from the TS-690S into the TS-
450SAT and verified that the radio and interface are working
correctly.

73,

Carl - W9PMZ

[Non-text portions of this message have been removed]

7025. Re: Hmmm.....New (to me) TS-850 and I need.....

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-04-24 18:45:43 UTC
From: Steven Hays
Topic: 7007 Message: 7025

--- In TS-850_450_690@yahoogroups.com, "mickatthelake" <goober@...> wrote:
>
> --- In TS-850_450_690@yahoogroups.com, "Steven Hays" <kc0rey@> wrote:
> >
> > I just retired the old TS-130SE and replaced it with a very nice
> > TS-850S. I need the AT-850 tuner that mounts inside the radio if
> > anybody has a working one they would be willing to part with.
> >
> > 73,
> > Steve kc0rey
> >
> Hi Steve;
> I just saw an AT-850 at the KC Hamfest today
> Call Associated Radio and ask for Dan. I think it had a price tag of
> $185.00 Their phone # is 800 497 1457
> Good luck Frank KI0RQ
>
Thanks Frank! I'll call Dan!
73,
Steve

7026. Re: Hmmm.....New (to me) TS-850 and I need.....

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-04-25 00:34:41 UTC
From: Dan Janda
Topic: 7007 Message: 7026

I was browsing e-bay the other day and note that someone there seems
to have a TS-850 he is selling as pieces (or maybe a couple of them,
or maybe he was a servicer) You can check it out, as I recall seeing
the ATU for TS-850 among his pieces and parts.

Dan AA3LS

--- In TS-850_450_690@yahoogroups.com, "Steven Hays" <kc0rey@...> wrote:
>
> --- In TS-850_450_690@yahoogroups.com, "mickatthelake" <goober@> wrote:
> >
> > --- In TS-850_450_690@yahoogroups.com, "Steven Hays" <kc0rey@> wrote:
> > >
> > > I just retired the old TS-130SE and replaced it with a very nice
> > > TS-850S. I need the AT-850 tuner that mounts inside the radio if
> > > anybody has a working one they would be willing to part with.
> > >
> > > 73,
> > > Steve kc0rey
> > >
> > Hi Steve;
> > I just saw an AT-850 at the KC Hamfest today
> > Call Associated Radio and ask for Dan. I think it had a price tag of
> > $185.00 Their phone # is 800 497 1457
> > Good luck Frank KI0RQ
> >
> Thanks Frank! I'll call Dan!
> 73,
> Steve
>

7027. Re: Hmmm.....New (to me) TS-850 and I need.....

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-04-26 01:23:48 UTC
From: ve3tmt
Topic: 7007 Message: 7027

--- In TS-850_450_690@yahoogroups.com, "Dan Janda"
<birchardvilleobservatory@...> wrote:
>
> I was browsing e-bay the other day and note that someone there seems
> to have a TS-850 he is selling as pieces (or maybe a couple of them,
> or maybe he was a servicer) You can check it out, as I recall seeing
> the ATU for TS-850 among his pieces and parts.

That is probably Fred, N8BX. I have purchased TS850 parts from him in
the past. As you can tell by his photos, everything is like new and is
in great shape.

Max
VE3TMT

7028. Memory Encoder

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-04-26 02:53:15 UTC
From: Crownhaven
Topic: 7028 Message: 7028

Still looking for a memory encoder for TS-850S.

Steve, N4JQQ

7029. Re: Memory Encoder

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-04-26 15:59:24 UTC
From: Dan Janda
Topic: 7028 Message: 7029

See two previous messages for a possible source...

If you don't have them in your in-box, go to the yahoo group and look
at the messages online.

Dan
AA3LS

--- In TS-850_450_690@yahoogroups.com, Crownhaven <crownhaven@...> wrote:
>
> Still looking for a memory encoder for TS-850S.
>
> Steve, N4JQQ
>

7030. Re: [TS-850_450_690] Re: Memory Encoder

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-04-26 16:07:04 UTC
From: Crownhaven
Topic: 7028 Message: 7030

Thanks much. They don't have them. Already checked.

Steve, N4JQQ

Dan Janda wrote:
>
> See two previous messages for a possible source...
>
> If you don't have them in your in-box, go to the yahoo group and look
> at the messages online.
>
> Dan
> AA3LS
>
> --- In TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>, Crownhaven <crownhaven@...>
> wrote:
> >
> > Still looking for a memory encoder for TS-850S.
> >
> > Steve, N4JQQ
> >
>
>

7034. Power control on SSB

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-04-30 08:30:25 UTC
From: Samir Popaja
Topic: 7034 Message: 7034

Hello,

Is any way to control power out on SSB? No MIC gain just power out.
On CW is easy with PWR and CARR knob.

Thanks
SM7VZX

7035. Re: Power control on SSB

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-04-30 14:48:57 UTC
From: Clif
Topic: 7034 Message: 7035

The Power Knob. In a properly aligned 450/850 it adjusts from 10-100w.

Clif

--- In TS-850_450_690@yahoogroups.com, "Samir Popaja" <7s7v@...> wrote:
>
> Hello,
>
> Is any way to control power out on SSB? No MIC gain just power out.
> On CW is easy with PWR and CARR knob.
>
> Thanks
> SM7VZX
>

7036. Re: [TS-850_450_690] Power control on SSB

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-04-30 19:04:11 UTC
From: ve3wej gmail
Topic: 7034 Message: 7036

also, if you decrease the mic gain, your output will be reduced, but so will you audio level from your mike...

the power control knob is a better choice....

VE3WEJ
Dave Garber

10-X # 23465
echolink # 52852
irlp node 2202
email ve3wej@...
----- Original Message -----
From: Samir Popaja
To: TS-850_450_690@yahoogroups.com
Sent: Wednesday, April 30, 2008 4:30 AM
Subject: [TS-850_450_690] Power control on SSB

Hello,

Is any way to control power out on SSB? No MIC gain just power out.
On CW is easy with PWR and CARR knob.

Thanks
SM7VZX

[Non-text portions of this message have been removed]

7037. Re: TS-850S Memory Encoder

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-04-30 20:12:32 UTC
From: merckxist
Topic: 7017 Message: 7037

--- In TS-850_450_690@yahoogroups.com, Crownhaven <crownhaven@...>
wrote:
>
> I am still looking for a memory encoder for a TS-850S. The part
has
> been discontinued and no one appears to have any of them anymore.
>
> Steve, N4JQQ

Steve,
Sorry for not posting sooner.I can't help with finding a new memory encoder, but I was wondering what the problem is with yours? I had a problem with mine, and Bill, K0ZL, recommended trying Cailube MCL (Moving contact lubricant) in it.Mine was working erratically, jumping channels, etc.A couple of quick squirts down the shaft, rotate it a few times and everything was back to normal.Since I did this, the product has been renamed "Fader Lube", but it's supposed to be the same.I tried finding it locally, but no luck, I had to order it direct from the manufacturer. Try www.caig.com .
Hope this helps,
Al
KJ5GT

7038. TS 690 Distortion on receive and transmitted SSB audio

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-05-01 15:12:39 UTC
From: vcrmstr
Topic: 7038 Message: 7038

Hello all,
For the past fifteen months that I have been the owner of a TS 690. I have been happily lurking on the group reading about all the problems and joys of owning the TS 450 & 690 series rigs. Mine has been one of the best radios I have ever owned, until a few days ago. I noticed distortion on some of the signals on a 40m net I am on daily. I chalked it up to my old Radio Shack DSP. When I disconnected the DSP the distortion was still there. So it was attributed to band conditions. When it only got worse, and other ops were commenting on distortion on my transmissions, similar to RF getting into my audio I realized I was in trouble. We have tried removing the DSS board, and re-soldering the R to R pack contacts, no improvement. The distortion seems to get more noticeable daily. Any help would be greatly appreciated, as my I found my backup rig has a badly drifting VFO and this has put me off the air :(
73
Fred
N7FK
I do have a copy of the service manual.

7039. Re: TS 690 Distortion on receive and transmitted SSB audio

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-05-01 16:00:28 UTC
From: Clif
Topic: 7038 Message: 7039

Does it do it on all bands?

If so, try step 7 in PLL adjustment. The trimmer becomes intermittent
and causes problems. Give it a few spins and then set it.

Clif

--- In TS-850_450_690@yahoogroups.com, "vcrmstr" <vcrmstr@...> wrote:
>
> Hello all,
> For the past fifteen months that I have been the owner of a TS 690. I
> have been happily lurking on the group reading about all the problems
> and joys of owning the TS 450 & 690 series rigs. Mine has been one of
> the best radios I have ever owned, until a few days ago. I noticed
> distortion on some of the signals on a 40m net I am on daily. I
> chalked it up to my old Radio Shack DSP. When I disconnected the DSP
> the distortion was still there. So it was attributed to band
> conditions. When it only got worse, and other ops were commenting on
> distortion on my transmissions, similar to RF getting into my audio I
> realized I was in trouble. We have tried removing the DSS board, and
> re-soldering the R to R pack contacts, no improvement. The distortion
> seems to get more noticeable daily. Any help would be greatly
> appreciated, as my I found my backup rig has a badly drifting VFO and
> this has put me off the air :(
> 73
> Fred
> N7FK
> I do have a copy of the service manual.
>

7040. Re: [TS-850_450_690] Re: TS 690 Distortion on receive and transmitted SSB audio

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-05-01 16:13:28 UTC
From: Fred Krick
Topic: 7038 Message: 7040

Hi Cliff,
Yes, it does it on all bands, USB or LSB
73
Fred
N7FK

Clif <clif@...> wrote:
Does it do it on all bands?

If so, try step 7 in PLL adjustment. The trimmer becomes intermittent
and causes problems. Give it a few spins and then set it.

Clif

--- In TS-850_450_690@yahoogroups.com, "vcrmstr" <vcrmstr@...> wrote:
>
> Hello all,
> For the past fifteen months that I have been the owner of a TS 690. I
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> and joys of owning the TS 450 & 690 series rigs. Mine has been one of
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> 73
> Fred
> N7FK
> I do have a copy of the service manual.
>

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[Non-text portions of this message have been removed]

7041. Re: [TS-850_450_690] TS 690 Distortion on receive and transmitted SSB audio

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-05-01 17:52:11 UTC
From: John Kramer
Topic: 7038 Message: 7041

Fred

Do you have it connected to a tnc or modem on the rear din ?

This does cause distortion on voice transmisions. There is a mod
out for this problem on mods.dk
Probably not the cause, but a possibility, it happened to me some
10 years ago

73
John

On 01 May 2008, at 5:12 PM, vcrmstr wrote:

> Hello all,
> For the past fifteen months that I have been the owner of a TS 690. I
> have been happily lurking on the group reading about all the problems
> and joys of owning the TS 450 & 690 series rigs. Mine has been one of
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> re-soldering the R to R pack contacts, no improvement. The distortion
> seems to get more noticeable daily. Any help would be greatly
> appreciated, as my I found my backup rig has a badly drifting VFO and
> this has put me off the air :(
> 73
> Fred
> N7FK
> I do have a copy of the service manual.
>
>
>

[Non-text portions of this message have been removed]

7042. Re: [TS-850_450_690] TS 690 Distortion on receive and transmitted SSB audio

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-05-01 18:04:28 UTC
From: Fred Krick
Topic: 7038 Message: 7042

HI John,
No, but I did have psk-31 hooked to the mic plug on front, but I put the mike back on, still there. Thanks for the help.
73
Fred
N7FK

John Kramer <jkramer@...> wrote:
Fred

Do you have it connected to a tnc or modem on the rear din ?

This does cause distortion on voice transmisions. There is a mod
out for this problem on mods.dk
Probably not the cause, but a possibility, it happened to me some
10 years ago

73
John

On 01 May 2008, at 5:12 PM, vcrmstr wrote:

> Hello all,
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> 73
> Fred
> N7FK
> I do have a copy of the service manual.
>
>
>

[Non-text portions of this message have been removed]

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[Non-text portions of this message have been removed]

7043. CAR board for sale with newer DDS chips

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-05-02 02:21:50 UTC
From: ve3tmt
Topic: 7043 Message: 7043

If anyone is looking for one of the newer CAR boards with the 66312
DDS chips, Fred has one for sale on QTH.com. Here is the link to his ad:

http://swap.qth.com/view_ad.php?counter=662967

These are getting hard to find. The chips alone went for $28 each when
you could get them. I have bought from Fred in the past and everything
is 100% as he states.

73,
Max
VE3TMT

7044. Re: [TS-850_450_690] TS 690 Distortion on receive and transmitted SSB audio

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-05-02 03:27:09 UTC
From: Tom Osborne
Topic: 7038 Message: 7044

Hi Fred

I know this is a silly question, but you don't have your NB pushed in do
you? That happened to me one time--couldn't figure why all the loud
stations were so distorted. 73
Tom W7WHY

_690] TS 690 Distortion on receive and transmitted SSB audio

> Hello all,
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> appreciated, as my I found my backup rig has a badly drifting VFO and
> this has put me off the air :(
> 73
> Fred
> N7FK
> I do have a copy of the service manual.
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>
>

7045. Re: [TS-850_450_690] TS 690 Distortion on receive and transmitted SSB audio

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-05-02 07:00:15 UTC
From: John Kramer
Topic: 7038 Message: 7045

Tom

That is true of possible distortion on RECEIVE signals if the gain of
the noise
blanker is turned too high. However, Fred is complaining of distortion
on
his TRANSMIT signals......and the noise blanker would not be
responsible for
that.

73
John

On 02 May 2008, at 5:27 AM, Tom Osborne wrote:

> Hi Fred
>
> I know this is a silly question, but you don't have your NB pushed
> in do
> you? That happened to me one time--couldn't figure why all the loud
> stations were so distorted. 73
> Tom W7WHY
>
> _690] TS 690 Distortion on receive and transmitted SSB audio
>
> > Hello all,
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> > 73
> > Fred
> > N7FK
> > I do have a copy of the service manual.
> >
> >
> > ------------------------------------
> >
> > THANKS FOR USING TS-850_450_690@...! Groups Links
> >
> >
> >
> >
>
>
>

[Non-text portions of this message have been removed]

7046. Re: [TS-850_450_690] TS 690 Distortion on receive and transmitted SSB audio

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-05-02 04:09:43 UTC
From: Fred Krick
Topic: 7038 Message: 7046

Hi Tom,
I took a look ans the noise blanker is off. Thanks for the help!
73
Fred

Tom Osborne <w7why@...> wrote:
Hi Fred

I know this is a silly question, but you don't have your NB pushed in do
you? That happened to me one time--couldn't figure why all the loud
stations were so distorted. 73
Tom W7WHY

_690] TS 690 Distortion on receive and transmitted SSB audio

> Hello all,
> For the past fifteen months that I have been the owner of a TS 690. I
> have been happily lurking on the group reading about all the problems
> and joys of owning the TS 450 & 690 series rigs. Mine has been one of
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> the distortion was still there. So it was attributed to band
> conditions. When it only got worse, and other ops were commenting on
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> re-soldering the R to R pack contacts, no improvement. The distortion
> seems to get more noticeable daily. Any help would be greatly
> appreciated, as my I found my backup rig has a badly drifting VFO and
> this has put me off the air :(
> 73
> Fred
> N7FK
> I do have a copy of the service manual.
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>
>

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[Non-text portions of this message have been removed]

7047. Re: [TS-850_450_690] TS 690 Distortion on receive and transmitted SSB audio

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-05-02 16:19:35 UTC
From: Fred Krick
Topic: 7038 Message: 7047

Hi Again Group,
It seems after re-soldering the DSS board and cleaning it with alcohol, returning it to the rig and waiting for it to completely dry, the situation is resolved! Thanks to all who took the time to suggest solutions, they were all greatly appreciated. This is a great radio and I am glad to have it back on line!
73
Fred
N7FK

vcrmstr <vcrmstr@...> wrote:
Hello all,
For the past fifteen months that I have been the owner of a TS 690. I have been happily lurking on the group reading about all the problems and joys of owning the TS 450 & 690 series rigs. Mine has been one of the best radios I have ever owned, until a few days ago. I noticed distortion on some of the signals on a 40m net I am on daily. I chalked it up to my old Radio Shack DSP. When I disconnected the DSP the distortion was still there. So it was attributed to band conditions. When it only got worse, and other ops were commenting on distortion on my transmissions, similar to RF getting into my audio I realized I was in trouble. We have tried removing the DSS board, and re-soldering the R to R pack contacts, no improvement. The distortion seems to get more noticeable daily. Any help would be greatly appreciated, as my I found my backup rig has a badly drifting VFO and this has put me off the air :(
73
Fred
N7FK
I do have a copy of the service manual.

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[Non-text portions of this message have been removed]

7048. TS-850 Battery Change Questions

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-05-02 18:29:31 UTC
From: dsh_0403
Topic: 7048 Message: 7048

I have two questions regarding the TS850 battery change.

1. I have disconnected the cables with conventional connectors that need to be disconnected from the Digital Unit PCB to lean it forward, and I am left with one ribbon cable at CN9 (upper left) that has to be disconnected. I have worked with similar ribbon cables before and there has always been a friction type lock that you pull out to release the cable from the connector. This does not appear to have one. Am I missing it? What is the proper way to release the cable from the connector? All the "How-To"s I can find on changing the battery only say "remove the ribbon cables".

2. It appears that there is enough room between the back mounting plate of the Digital Unit PCB and just to the left of the fan to mount a small covered "AA" battery holder. Is there any good reason why I would not do that instead of replacing the existing battery with another button battery and holder. I have measured the voltage of the two "AA" cells and it is 3.15 V which I suspect is a little higher than a button battery but I would not think it would be a problem. I am by no means an expert though and I would welcome any opinions.

Thanks.

7049. Re: TS-850 Battery Change Questions

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-05-02 18:46:55 UTC
From: Roland Spoon
Topic: 7048 Message: 7049

The ribbon cables are a friction mount just pull them out. As for the battery I moved mine & 2 others to the area that you said with a button cell and holder. The button cell will last 5+ years and the AA's will last aprox. 1.5 years. I would use the button cell because it is much smaller and lasts alot longer.

73
Roland AH6RR

--- In TS-850_450_690@yahoogroups.com, "dsh_0403" <kenwoodts850@...> wrote:
>
> I have two questions regarding the TS850 battery change.
>
> 1. I have disconnected the cables with conventional connectors that
> need to be disconnected from the Digital Unit PCB to lean it forward,
> and I am left with one ribbon cable at CN9 (upper left) that has to be
> disconnected. I have worked with similar ribbon cables before and
> there has always been a friction type lock that you pull out to
> release the cable from the connector. This does not appear to have
> one. Am I missing it? What is the proper way to release the cable
> from the connector? All the "How-To"s I can find on changing the
> battery only say "remove the ribbon cables".
>
> 2. It appears that there is enough room between the back mounting
> plate of the Digital Unit PCB and just to the left of the fan to mount
> a small covered "AA" battery holder. Is there any good reason why I
> would not do that instead of replacing the existing battery with
> another button battery and holder. I have measured the voltage of the
> two "AA" cells and it is 3.15 V which I suspect is a little higher
> than a button battery but I would not think it would be a problem. I
> am by no means an expert though and I would welcome any opinions.
>
> Thanks.
>

7050. Re: TS-850 Battery Change Questions

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-05-02 19:00:09 UTC
From: ve3tmt
Topic: 7048 Message: 7050

The ribbon cable simply pulls out from the connector. When you put it back in, I find it best to wiggle it back in and make sure it is seated completely in the connector. Make sure it lines up straight.

Obviously the main issue with the battery is when it leaks, it will leak corrosive material onto the circuit board and eat through the traces. So you have to ask yourself why would you want to take that chance again? I also see many people mounting the new battery down near the fan. This makes no sense to me as you still have to remove the top cover to replace it. I salvaged a battery holder from an old computer motherboard and put my battery in there and mounted it under the hatch on the top cover. This way when the battery needs replacing I simply open the hatch and there it is. Takes about 15 seconds. I new battery should measure in the area of 3.3V. I wouldn't think a set of AA cells would last anywhere near as long as the coin type battery.

Max
VE3TMT

7051. Re: TS-850 Battery Change Questions

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-05-02 19:15:26 UTC
From: dsh_0403
Topic: 7048 Message: 7051

--- In TS-850_450_690@yahoogroups.com, "Roland Spoon" <Toesonnose@...>
wrote:
>
> The ribbon cables are a friction mount just pull them out. As for
> the battery I moved mine & 2 others to the area that you said with a
> button cell and holder. The button cell will last 5+ years and the
> AA's will last aprox. 1.5 years. I would use the button cell because
> it is much smaller and lasts alot longer.
>
> 73
> Roland AH6RR
>

You were right. It easily pulled out. All it needed was a little
courage.

With regard to the type of battery, what you and Max said makes a lot
of sense. On the other hand the "AA" holder is here and a solder-in
button holder is over an hour of driving away at a RS store, and the
preferred one with leads would have to be mail ordered. At this point
I think I will go with the AA holder for now and place a mail order
for a button holder with leads to place under the cover when I have
enough other needs to make the shipping costs worth while.

Thanks to both you and Max for your help and suggestions.

7052. Re: [TS-850_450_690] TS 690 Distortion on receive and transmitted SSB audio

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-05-02 20:09:40 UTC
From: Fred Krick
Topic: 7038 Message: 7052

Hi Guys,
Well my 690 decided to go back to its old tricks in the middle of the high noon net I was calling on 40m today. In the immortal words of Bill Bendix " What a revoltin' development this is!" there anyone on the net who has parted out a ts-450 or 690 that has a DDS board they would part with? any help or ideas on changing the chips would be appreciated!
73
N7FK
Fred

vcrmstr <vcrmstr@...> wrote:
Hello all,
For the past fifteen months that I have been the owner of a TS 690. I have been happily lurking on the group reading about all the problems and joys of owning the TS 450 & 690 series rigs. Mine has been one of the best radios I have ever owned, until a few days ago. I noticed distortion on some of the signals on a 40m net I am on daily. I chalked it up to my old Radio Shack DSP. When I disconnected the DSP the distortion was still there. So it was attributed to band conditions. When it only got worse, and other ops were commenting on distortion on my transmissions, similar to RF getting into my audio I realized I was in trouble. We have tried removing the DSS board, and re-soldering the R to R pack contacts, no improvement. The distortion seems to get more noticeable daily. Any help would be greatly appreciated, as my I found my backup rig has a badly drifting VFO and this has put me off the air :(
73
Fred
N7FK
I do have a copy of the service manual.

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[Non-text portions of this message have been removed]

7053. Re: [TS-850_450_690] TS 690 Distortion on receive and transmitted SSB audio

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-05-02 23:27:13 UTC
From: Jordan
Topic: 7038 Message: 7053

The DDS chips have more than one purpose....I suspect you have a "bad" trimmer cap, and/or leaky DDS board caps. My 450S worked fine for well over 15 years before I first ran into the same problem and I also suspected DDS problems, but using the service manual I was able to determine that all of the functions the DDS IC's are supposed to perform, such as carrier generation for CW and SSB etc., were being performed.

Next time you're inside the rig and have access to the DDS board and the carrier board trimmers, one by one give them a very short ,quick blast of Freez-It or other electronic 'freeze' spray and you'll notice the 'bad' cap as soon as you hit the right trimmer. Then soak up some De-Oxit or similiar on a Q-tip (Cotton only) , and then touch the Q-tip to the head of the capacitor so that a small amount flows onto and into the cap.

Then give the adjustment a gentle turn or 6 to break-down the tarnish/dust/oxidation in the cap contacts. This procedure works for me 99% of the time when these caps go flaky.
Unless there has been actual physical damage or a punctured dielectric, there is little that can actually fail in the capacitor assembly.
A second receiver tuned to the LO you're trying to adjust will allow you to actually hear the cleaning action as the signal goes from being rather 'scratchy' to being very smooth as the cap is rotated... I'd then suggest doing at least an alignment of those circuits.
Other problems should show up as you go through the alignment procedure.

Good luck and 73.....Jordan....

Anyway, in my book it's worth the cost of the effort
----- Original Message -----
From: Fred Krick
To: TS-850_450_690@yahoogroups.com
Sent: Friday, May 02, 2008 2:09 PM
Subject: Re: [TS-850_450_690] TS 690 Distortion on receive and transmitted SSB audio

Hi Guys,
Well my 690 decided to go back to its old tricks in the middle of the high noon net I was calling on 40m today. In the immortal words of Bill Bendix " What a revoltin' development this is!" there anyone on the net who has parted out a ts-450 or 690 that has a DDS board they would part with? any help or ideas on changing the chips would be appreciated!
73
N7FK
Fred

vcrmstr <vcrmstr@...> wrote:
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73
Fred
N7FK
I do have a copy of the service manual.

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[Non-text portions of this message have been removed]

7054. Re: TS 690 Distortion on receive and transmitted SSB audio

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-05-03 02:53:22 UTC
From: Clif
Topic: 7038 Message: 7054

Did you check what I suggested???

Clif

--- In TS-850_450_690@yahoogroups.com, Fred Krick <vcrmstr@...> wrote:
>
> Hi Guys,
> Well my 690 decided to go back to its old tricks in the middle of
the high noon net I was calling on 40m today. In the immortal words
of Bill Bendix " What a revoltin' development this is!" there anyone
on the net who has parted out a ts-450 or 690 that has a DDS board
they would part with? any help or ideas on changing the chips would be
appreciated!
> 73
> N7FK
> Fred
>
> vcrmstr <vcrmstr@...> wrote:
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> and joys of owning the TS 450 & 690 series rigs. Mine has been one of
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> 73
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> N7FK
> I do have a copy of the service manual.
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>
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Try it now.
>
> [Non-text portions of this message have been removed]
>

7055. Re: [TS-850_450_690] TS 690 Distortion on receive and transmitted SSB audio

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-05-03 04:19:10 UTC
From: Fred Krick
Topic: 7038 Message: 7055

Thanks Jordan,
Sounds like a good idea, will try it!
73
Fred

Jordan <Outposter30@...> wrote:
The DDS chips have more than one purpose....I suspect you have a "bad" trimmer cap, and/or leaky DDS board caps. My 450S worked fine for well over 15 years before I first ran into the same problem and I also suspected DDS problems, but using the service manual I was able to determine that all of the functions the DDS IC's are supposed to perform, such as carrier generation for CW and SSB etc., were being performed.

Next time you're inside the rig and have access to the DDS board and the carrier board trimmers, one by one give them a very short ,quick blast of Freez-It or other electronic 'freeze' spray and you'll notice the 'bad' cap as soon as you hit the right trimmer. Then soak up some De-Oxit or similiar on a Q-tip (Cotton only) , and then touch the Q-tip to the head of the capacitor so that a small amount flows onto and into the cap.

Then give the adjustment a gentle turn or 6 to break-down the tarnish/dust/oxidation in the cap contacts. This procedure works for me 99% of the time when these caps go flaky.
Unless there has been actual physical damage or a punctured dielectric, there is little that can actually fail in the capacitor assembly.
A second receiver tuned to the LO you're trying to adjust will allow you to actually hear the cleaning action as the signal goes from being rather 'scratchy' to being very smooth as the cap is rotated... I'd then suggest doing at least an alignment of those circuits.
Other problems should show up as you go through the alignment procedure.

Good luck and 73.....Jordan....

Anyway, in my book it's worth the cost of the effort
----- Original Message -----
From: Fred Krick
To: TS-850_450_690@yahoogroups.com
Sent: Friday, May 02, 2008 2:09 PM
Subject: Re: [TS-850_450_690] TS 690 Distortion on receive and transmitted SSB audio

Hi Guys,
Well my 690 decided to go back to its old tricks in the middle of the high noon net I was calling on 40m today. In the immortal words of Bill Bendix " What a revoltin' development this is!" there anyone on the net who has parted out a ts-450 or 690 that has a DDS board they would part with? any help or ideas on changing the chips would be appreciated!
73
N7FK
Fred

vcrmstr <vcrmstr@...> wrote:
Hello all,
For the past fifteen months that I have been the owner of a TS 690. I have been happily lurking on the group reading about all the problems and joys of owning the TS 450 & 690 series rigs. Mine has been one of the best radios I have ever owned, until a few days ago. I noticed distortion on some of the signals on a 40m net I am on daily. I chalked it up to my old Radio Shack DSP. When I disconnected the DSP the distortion was still there. So it was attributed to band conditions. When it only got worse, and other ops were commenting on distortion on my transmissions, similar to RF getting into my audio I realized I was in trouble. We have tried removing the DSS board, and re-soldering the R to R pack contacts, no improvement. The distortion seems to get more noticeable daily. Any help would be greatly appreciated, as my I found my backup rig has a badly drifting VFO and this has put me off the air :(
73
Fred
N7FK
I do have a copy of the service manual.

Be a better friend, newshound, and know-it-all with Yahoo! Mobile. Try it now.

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

Be a better friend, newshound, and know-it-all with Yahoo! Mobile. Try it now.

[Non-text portions of this message have been removed]

7056. Re: [TS-850_450_690] Re: TS 690 Distortion on receive and transmitted SSB audio

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-05-03 04:21:52 UTC
From: Fred Krick
Topic: 7038 Message: 7056

Hi Cliff,
My son Matt is working on the rig, I mentioned this, and I will remind him.
73
Fred

Clif <clif@...> wrote:
Did you check what I suggested???

Clif

--- In TS-850_450_690@yahoogroups.com, Fred Krick <vcrmstr@...> wrote:
>
> Hi Guys,
> Well my 690 decided to go back to its old tricks in the middle of
the high noon net I was calling on 40m today. In the immortal words
of Bill Bendix " What a revoltin' development this is!" there anyone
on the net who has parted out a ts-450 or 690 that has a DDS board
they would part with? any help or ideas on changing the chips would be
appreciated!
> 73
> N7FK
> Fred
>
> vcrmstr <vcrmstr@...> wrote:
> Hello all,
> For the past fifteen months that I have been the owner of a TS 690. I
> have been happily lurking on the group reading about all the problems
> and joys of owning the TS 450 & 690 series rigs. Mine has been one of
> the best radios I have ever owned, until a few days ago. I noticed
> distortion on some of the signals on a 40m net I am on daily. I
> chalked it up to my old Radio Shack DSP. When I disconnected the DSP
> the distortion was still there. So it was attributed to band
> conditions. When it only got worse, and other ops were commenting on
> distortion on my transmissions, similar to RF getting into my audio I
> realized I was in trouble. We have tried removing the DSS board, and
> re-soldering the R to R pack contacts, no improvement. The distortion
> seems to get more noticeable daily. Any help would be greatly
> appreciated, as my I found my backup rig has a badly drifting VFO and
> this has put me off the air :(
> 73
> Fred
> N7FK
> I do have a copy of the service manual.
>

>
>
>
>
>
> ---------------------------------
> Be a better friend, newshound, and know-it-all with Yahoo! Mobile.
Try it now.
>
> [Non-text portions of this message have been removed]
>

Be a better friend, newshound, and know-it-all with Yahoo! Mobile. Try it now.

[Non-text portions of this message have been removed]

7057. TS850SAT frequency hopping

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-05-04 19:19:22 UTC
From: on7eh
Topic: 7057 Message: 7057

Hello,

I ran into an annoying problem with my secondhand Kenwood TS850SAT. (of US-origin)
(I already had the "dots in the display"-problem but this is solved...)

What happens?
After some time, the VFO-frequency jumps away from the wanted frequency. (as does the effective Rx-frequency)

Example: the VFO is set to 14.203.
After some time, I'd find the frequency indicating 14.210. (It seems this changed frequency is always rounded up)

This happens to both VFO A and B.
For the time being, I use the F. LOCK-button to freeze onto the wanted frequency.

BTW: I'm using this rig as IF for 2m operation behind a transverter. To attain good frequency accuracy, I sometimes leave
the rig switched on for 1/2 hour before operating the rig. It was after such "warming-up" periods that the artefact was noticed...

Any help is welcome!
Thanks a lot!

Michel, ON7EH

[Non-text portions of this message have been removed]

7058. Re: [TS-850_450_690] TS850SAT frequency hopping

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-05-04 21:24:03 UTC
From: Ken Newman
Topic: 7057 Message: 7058

Michel,
That looks very much the same that my TS850 had a couple of years ago.
Mine had a leaking battery which damaged the board. Replaced the battery
and repaired the board. Ok since! Good Luck.....
Ken N2CQ

----- Original Message -----
From: on7eh
To: TS-850_450_690@yahoogroups.com
Sent: Sunday, May 04, 2008 3:19 PM
Subject: [TS-850_450_690] TS850SAT frequency hopping

Hello,

I ran into an annoying problem with my secondhand Kenwood TS850SAT. (of US-origin)
(I already had the "dots in the display"-problem but this is solved...)

What happens?
After some time, the VFO-frequency jumps away from the wanted frequency. (as does the effective Rx-frequency)

Example: the VFO is set to 14.203.
After some time, I'd find the frequency indicating 14.210. (It seems this changed frequency is always rounded up)

This happens to both VFO A and B.
For the time being, I use the F. LOCK-button to freeze onto the wanted frequency.

BTW: I'm using this rig as IF for 2m operation behind a transverter. To attain good frequency accuracy, I sometimes leave
the rig switched on for 1/2 hour before operating the rig. It was after such "warming-up" periods that the artefact was noticed...

Any help is welcome!
Thanks a lot!

Michel, ON7EH

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

7059. Replacement RF Relay/Surge Protection board for TS-850S ?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-05-04 21:06:58 UTC
From: n4pl@netscape.net
Topic: 7059 Message: 7059

Dear All,

My friends at SP5KCR (a club station in Warsaw) had an unfortunate mishap with their TS-850S which took the T/R Relay/Protection board, part number X51-3100-00-B/3. The board is beyond repair. I called Kenwood Customer Service and learned that replacement boards are no longer available. Kenwood recommended that I look for someone parting out a defective TS-850. So here I am... could anybody help out? Any clues/hints are highly appreciated.

Many thx and 73,
Wald N4PL

7060. Receiver sensitivity problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-05-04 21:38:50 UTC
From: Oz
Topic: 7060 Message: 7060

Ok, took me a long time to answer Cliff but I just finished finals at school.
I had asked if anyone could point me to where to begin to look for sensitivity prob in higher freqs (TS850SAT). Now I tested and the desensitivity starts off gradual at about 8Mhz to 8800Mhz where it remains attenuated at about 20 db and it remains diminished up to the high end or 30Mhz.
Transmit power is fine across the spectrum. I do not have a rf sig gen so I can't give specifics. I did change all trimmer caps and aligned fine and stable after changing them. I was hoping it was that but at least it fixed my transmit audio prob.
Rig works like a dream on 75 and 40 and I suspect 160.

7061. Re: Replacement RF Relay/Surge Protection board for TS-850S ?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-05-05 01:35:11 UTC
From: ve3tmt
Topic: 7059 Message: 7061

--- In TS-850_450_690@yahoogroups.com, n4pl@... wrote:
>
> Dear All,
>
> My friends at SP5KCR (a club station in Warsaw) had an unfortunate
mishap
> with their TS-850S which took the T/R Relay/Protection board, part
number
> X51-3100-00-B/3. The board is beyond repair. I called Kenwood Customer
> Service and learned that replacement boards are no longer available.
> Kenwood recommended that I look for someone parting out a defective
TS-850.
> So here I am... could anybody help out? Any clues/hints are highly
> appreciated.
>
> Many thx and 73,
> Wald N4PL

Get in touch Fred, N8BX

7062. Proper way to run QRP

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-05-05 02:17:05 UTC
From: Sam M
Topic: 7062 Message: 7062

I have a TS450SAT. The manual says to run the PWR at maximum clockwise.
Then for CW to use the CAR knob to adjust the power out.
and for SSB to adjust the MIC knob to adjust power out.

Is the above the proper way to run the rig at say 5w cw?
or should the PWR knob setting be reduced and the CAR increased?
or does it matter?

Same question for SSB should the power out put be adjusted for 5w
by turning the PWR gain down and the MIC gain up?
or does it matter?

--
GB & 73
KA5OAI
Sam Morgan
http://linuxbasics.org
Linux, the lifetime learning experience.

7063. Re: [TS-850_450_690] Proper way to run QRP

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-05-05 19:04:01 UTC
From: ve3wej gmail
Topic: 7062 Message: 7063

they say maimum for maximum output, yes turn the knobs counter clockwise to decrease the ouput.

VE3WEJ
Dave Garber

10-X # 23465
echolink # 52852
irlp node 2202
email ve3wej@...
----- Original Message -----
From: Sam M
To: TS-850_450_690@yahoogroups.com
Sent: Sunday, May 04, 2008 10:17 PM
Subject: [TS-850_450_690] Proper way to run QRP

I have a TS450SAT. The manual says to run the PWR at maximum clockwise.
Then for CW to use the CAR knob to adjust the power out.
and for SSB to adjust the MIC knob to adjust power out.

Is the above the proper way to run the rig at say 5w cw?
or should the PWR knob setting be reduced and the CAR increased?
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Same question for SSB should the power out put be adjusted for 5w
by turning the PWR gain down and the MIC gain up?
or does it matter?

--
GB & 73
KA5OAI
Sam Morgan
http://linuxbasics.org
Linux, the lifetime learning experience.

[Non-text portions of this message have been removed]

7064. Re: [TS-850_450_690] TS850SAT frequency hopping

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-05-05 22:57:04 UTC
From: on7eh
Topic: 7057 Message: 7064

Ken,

thanks I've started looking for a battery...

73,

Michel, ON7EH
----- Original Message -----
From: Ken Newman
To: TS-850_450_690@yahoogroups.com
Sent: Sunday, May 04, 2008 11:24 PM
Subject: Re: [TS-850_450_690] TS850SAT frequency hopping

Michel,
That looks very much the same that my TS850 had a couple of years ago.
Mine had a leaking battery which damaged the board. Replaced the battery
and repaired the board. Ok since! Good Luck.....
Ken N2CQ

----- Original Message -----
From: on7eh
To: TS-850_450_690@yahoogroups.com
Sent: Sunday, May 04, 2008 3:19 PM
Subject: [TS-850_450_690] TS850SAT frequency hopping

Hello,

I ran into an annoying problem with my secondhand Kenwood TS850SAT. (of US-origin)
(I already had the "dots in the display"-problem but this is solved...)

What happens?
After some time, the VFO-frequency jumps away from the wanted frequency. (as does the
effective Rx-frequency)

Example: the VFO is set to 14.203.
After some time, I'd find the frequency indicating 14.210. (It seems this changed frequency
is always rounded up)

This happens to both VFO A and B.
For the time being, I use the F. LOCK-button to freeze onto the wanted frequency.

BTW: I'm using this rig as IF for 2m operation behind a transverter. To attain good
frequency accuracy, I sometimes leave
the rig switched on for 1/2 hour before operating the rig. It was after such "warming-up"
periods that the artefact was noticed...

Any help is welcome!
Thanks a lot!

Michel, ON7EH

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[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

7065. RE: [TS-850_450_690] TS 690 Distortion on receive and transmitted SSB audio

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-05-06 20:14:54 UTC
From: jaking
Topic: 7038 Message: 7065

Fred

Have a look at my 950 page

http://homepages.ihug.co.nz/~jaking/TS-950sdx.htm

Your problem sounds similar to the scratchy audio.

Try resoldering resister packs if the 690 had those.

As you will see you can find culprit with an ohm-meter

Yours sincerely

ZL4AI

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of Fred Krick
Sent: Saturday, 3 May 2008 8:10 a.m.
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] TS 690 Distortion on receive and transmitted
SSB audio

Hi Guys,
Well my 690 decided to go back to its old tricks in the middle of the high
noon net I was calling on 40m today. In the immortal words of Bill Bendix "
What a revoltin' development this is!" there anyone on the net who has
parted out a ts-450 or 690 that has a DDS board they would part with? any
help or ideas on changing the chips would be appreciated!
73
N7FK
Fred

vcrmstr <vcrmstr@yahoo. <mailto:vcrmstr%40yahoo.com> com> wrote:
Hello all,
For the past fifteen months that I have been the owner of a TS 690. I
have been happily lurking on the group reading about all the problems
and joys of owning the TS 450 & 690 series rigs. Mine has been one of
the best radios I have ever owned, until a few days ago. I noticed
distortion on some of the signals on a 40m net I am on daily. I
chalked it up to my old Radio Shack DSP. When I disconnected the DSP
the distortion was still there. So it was attributed to band
conditions. When it only got worse, and other ops were commenting on
distortion on my transmissions, similar to RF getting into my audio I

realized I was in trouble. We have tried removing the DSS board, and re-soldering the R to R pack contacts, no improvement. The distortion seems to get more noticeable daily. Any help would be greatly appreciated, as my I found my backup rig has a badly drifting VFO and this has put me off the air :(
73
Fred
N7FK
I do have a copy of the service manual.

Be a better friend, newshound, and know-it-all with Yahoo! Mobile. Try it now.

[Non-text portions of this message have been removed]

No virus found in this incoming message.
Checked by AVG.
Version: 7.5.524 / Virus Database: 269.23.6/1403 - Release Date: 29/04/2008 7:26 a.m.

[Non-text portions of this message have been removed]

7066. Low audio on SSB

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-05-07 09:17:42 UTC
From: MM3XXW
Topic: 7066 Message: 7066

Hi all,

Newbie to both the Group & ownership of the TS450SAT so I hope you'll bear with me!

I do have one specific question however and I hope someone can throw some light on the problem.
I use the MC60 (not the 60A) with the 450 and have received reports that the audio is very quiet, not distorted or anything like that simply quiet, resulting in me practically having to swallow the mic which is not really condusive to good rag-chew!
I have adjusted the mic as per manual instructions so I wonder what I may be doing wrong and is there an easy fix?

Thanks in anticipation.

Martyn
MM3XXW

7067. RE: [TS-850_450_690] Low audio on SSB

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-05-07 13:13:03 UTC
From: Allan
Topic: 7066 Message: 7067

Hi Martyn and all,
Please give us more informations about your configuration :
Are you using processor ?
Concerning microphone : preamplifier, impedance 50k or 500 ohms ?
With my ts850 : without processor, mc-60's preamplifier and with 500 ohms,
the audio is good but low too.
I use it with processor at 10 db, mic gain on 5, preamplifier in function
and impedance at 50 Kohms (and 500 ohms with dsp-100)
Regards
Allan
> -----Message d'origine-----
> De : TS-850_450_690@yahoogroups.com [mailto:TS-
> 850_450_690@yahoogroups.com] De la part de MM3XXW
> Envoyé : mercredi 7 mai 2008 11:18
> À : TS-850_450_690@yahoogroups.com
> Objet : [TS-850_450_690] Low audio on SSB
>
> Hi all,
>
> Newbie to both the Group & ownership of the TS450SAT so I hope you'll
> bear with me!
>
> I do have one specific question however and I hope someone can throw
> some light on the problem.
> I use the MC60 (not the 60A) with the 450 and have received reports
> that the audio is very quiet, not distorted or anything like that
> simply quiet, resulting in me practically having to swallow the mic
> which is not really condusive to good rag-chew!
> I have adjusted the mic as per manual instructions so I wonder what I
> may be doing wrong and is there an easy fix?
>
> Thanks in anticipation.
>
> Martyn
> MM3XXW
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>

7068. Low audio output

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-05-07 20:08:00 UTC
From: MM3XXW
Topic: 7068 Message: 7068

Hi Allan & all,

The mic I use with the TS450SAT is an MC60, the one without the amplifier stage, with the impedance set at 500.
After setting up the audio via the ALC, as per manual instructions, and incorporating the processor I'm still getting reports of a low (but clear) audio if I'm much more than 2cm away from the mic (most of the time I'm practically swallowing the damn thing!).

I'm thinking that maybe one of the previous owners has been fiddling with a screwdriver in and around the VR's and hasn't got it quite right!
The signal strength reports are OK despite the poor conditions but it's just a wee bit annoying not being able to get the audio just right.

Any ideas?

Regards,
Martyn
MM3XXW

7069. Re: Low audio output

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-05-07 22:51:48 UTC
From: ve3tmt
Topic: 7068 Message: 7069

--- In TS-850_450_690@yahoogroups.com, "MM3XXW" <mm3xxw@...> wrote:
>
> Hi Allan & all,
>
> The mic I use with the TS450SAT is an MC60, the one without the
> amplifier stage, with the impedance set at 500.
> After setting up the audio via the ALC, as per manual instructions,
> and incorporating the processor I'm still getting reports of a low
> (but clear) audio if I'm much more than 2cm away from the mic (most
> of the time I'm practically swallowing the damn thing!).
>
> I'm thinking that maybe one of the previous owners has been fiddling
> with a screwdriver in and around the VR's and hasn't got it quite
> right!
> The signal strength reports are OK despite the poor conditions but
> it's just a wee bit annoying not being able to get the audio just
> right.
>
> Any ideas?
>
> Regards,
> Martyn
> MM3XXW
>

Martyn,

I don't think there is an internal adjustment for mic gain, only forward power. What does the output show in CW or FM mode on an external meter? Have you tried another microphone?

Max
VE3TMT

7070. Power cable pin-out

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-05-10 03:32:28 UTC
From: haburton
Topic: 7070 Message: 7070

HELP!!! I need the pin-out of the power cable connector for the TS-850. I had it, but I've lost the pin-out. Please help me.

Harley
N5BFB

7071. Re: [TS-850_450_690] Power cable pin-out

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-05-10 05:18:07 UTC
From: ve3wej gmail
Topic: 7070 Message: 7071

ok, with the lock tab on top, and wires are away from you.. (so you are staring at the connector end)

ground in the centre (vertically), and positives to the left (vertically also), nothing on the right sides...

hope that makes sense....

VE3WEJ
Dave Garber

10-X # 23465
echolink # 52852
irlp node 2202
email ve3wej@...
----- Original Message -----
From: haburton
To: TS-850_450_690@yahoogroups.com
Sent: Friday, May 09, 2008 11:32 PM
Subject: [TS-850_450_690] Power cable pin-out

HELP!!! I need the pin-out of the power cable connector for the TS-850. I had it, but I've lost the pin-out. Please help me.

Harley
N5BFB

[Non-text portions of this message have been removed]

7075. TS450 serial numbers

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-05-13 14:40:18 UTC
From: MM3XXW
Topic: 7075 Message: 7075

Wonder if anyone can throw any light on how to work out the date of manufacture via the serial number?

I know how to work them out on some other Kenwood models but am not too sure when it comes to the 450, it's not really an absolute necessity for me to know I'm just a nosy git!

Anyone help?

Martyn
MM3XXW

7076. TS-790A progress

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-05-13 17:05:44 UTC
From: Jordan
Topic: 7076 Message: 7076

I finally found the time to get into the TX section of aligning my TS-790A....
Prior to alignment the output per band was as follows:

144.200 - 24 watts --- After align't 144.200 51 watts (~+3dB)

432.100 - 27 watts --- After align't 432.100 53 watts (~+3dB)

1296.100 - 9 watts --- After align't 1296.1 14.5 watts (~+2dB)

Obviously well worth the effort, and within specs now for the devices used.

I had my first EME qso on JT-65B with HB9Q and their 15m dish @ 1Kw RF on 432.070.
The TS-790A was barefoot to a K1FO-25 ele yagi at 40ft and a Landwehr M-M preamp. It was a spur of the moment contact, as I saw him on the JT65 logger and went to see if I could hear anything from him , and he was actually pretty loud @ -14.....

I have yet to receive info on the S-Meter scale on the TS-790A sub receiver.... The S-Meter itself works fine, but the S scale below the meter is almost invisible unless lit from the front by an external light source.... Should this scale be illuminated , or is this normal...?
All the bulbs I can find are lighting normally, but I wonder if there is a grain of wheat bulb or two mounted somewhere I can't seem to find.....Any thoughts or ideas on this...?
73...Jordan VE6ZT

[Non-text portions of this message have been removed]

7077. Re: [TS-850_450_690] Looking for TS-850 brochure

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-05-13 18:21:50 UTC
From: Atila Baskocak
Topic: 7077 Message: 7077

Hello,

http://www.qsl.net/ta1dx/TS-850%20Brochure.pdf

Best 73!
Atila, TA1DX

2008/5/12 sv2bwm <sv2bwm@...>:

> I am searching for Kenwood's TS-850 brochure. Does anybody knows a
> link where I can download it?? Thanks...
>
>
>

[Non-text portions of this message have been removed]

7078. Re: [TS-850_450_690] TS-790A progress

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-05-13 19:21:47 UTC
From: ve3wej gmail
Topic: 7076 Message: 7078

yes, there are 3mm 40??mw bulbs in there (2)

i had to replace mine when I got the radio...

VE3WEJ
Dave Garber

10-X # 23465
echolink # 52852
irlp node 2202
email ve3wej@...
----- Original Message -----
From: Jordan
To: TS-850_450_690@yahoogroups.com
Cc: Kenwood@...
Sent: Tuesday, May 13, 2008 1:05 PM
Subject: [TS-850_450_690] TS-790A progress

I finally found the time to get into the TX section of aligning my TS-790A....
Prior to alignment the output per band was as follows:

144.200 - 24 watts --- After align't 144.200 51 watts (~+3dB)

432.100 - 27 watts --- After align't 432.100 53 watts (~+3dB)

1296.100 - 9 watts --- After align't 1296.1 14.5 watts (~+2dB)

Obviously well worth the effort, and within specs now for the devices used.

I had my first EME qso on JT-65B with HB9Q and their 15m dish @ 1Kw RF on 432.070.
The TS-790A was barefoot to a K1FO-25 ele yagi at 40ft and a Landwehr M-M preamp. It was a spur of the moment contact, as I saw him on the JT65 logger and went to see if I could hear anything from him , and he was actually pretty loud @ -14.....

I have yet to receive info on the S-Meter scale on the TS-790A sub receiver.... The S-Meter itself works fine, but the S scale below the meter is almost invisible unless lit from the front by an external light source.... Should this scale be illuminated , or is this normal...?
All the bulbs I can find are lighting normally, but I wonder if there is a grain of wheat bulb or two mounted somewhere I can't seem to find.....Any thoughts or ideas on this...?
73...Jordan VE6ZT

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

7079. Re: [TS-850_450_690] TS-790A progress

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-05-13 19:29:36 UTC
From: Jordan
Topic: 7076 Message: 7079

Dave.. where are they located...? 73...Jordan...

----- Original Message -----
From: ve3wej gmail
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, May 13, 2008 1:21 PM
Subject: Re: [TS-850_450_690] TS-790A progress

yes, there are 3mm 40??mw bulbs in there (2)

i had to replace mine when I got the radio...

VE3WEJ
Dave Garber

10-X # 23465
echolink # 52852
irlp node 2202
email ve3wej@...
----- Original Message -----
From: Jordan
To: TS-850_450_690@yahoogroups.com
Cc: Kenwood@...
Sent: Tuesday, May 13, 2008 1:05 PM
Subject: [TS-850_450_690] TS-790A progress

I finally found the time to get into the TX section of aligning my TS-790A....
Prior to alignment the output per band was as follows:

144.200 - 24 watts --- After align't 144.200 51 watts (~+3dB)

432.100 - 27 watts --- After align't 432.100 53 watts (~+3dB)

1296.100 - 9 watts --- After align't 1296.1 14.5 watts (~+2dB)

Obviously well worth the effort, and within specs now for the devices used.

I had my first EME qso on JT-65B with HB9Q and their 15m dish @ 1Kw RF on 432.070.
The TS-790A was barefoot to a K1FO-25 ele yagi at 40ft and a Landwehr M-M preamp. It was a spur of the moment contact, as I saw him on the JT65 logger and went to see if I could hear anything from him , and he was actually pretty loud @ -14.....

I have yet to receive info on the S-Meter scale on the TS-790A sub receiver.... The S-Meter itself works fine, but the S scale below the meter is almost invisible unless lit from the front by an external light source.... Should this scale be illuminated , or is this normal...?
All the bulbs I can find are lighting normally, but I wonder if there is a grain of wheat bulb or two mounted somewhere I can't seem to find.....Any thoughts or ideas on this...?

73...Jordan VE6ZT

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

7080. Re: TS450 serial numbers

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-05-13 20:07:28 UTC
From: ve3tmt
Topic: 7075 Message: 7080

--- In TS-850_450_690@yahoogroups.com, "MM3XXW" <mm3xxw@...> wrote:
>
> Wonder if anyone can throw any light on how to work out the date of
> manufacture via the serial number?
>
> I know how to work them out on some other Kenwood models but am not
> too sure when it comes to the 450, it's not really an absolute
> necessity for me to know I'm just a nosy git!
>
> Anyone help?
>
> Martyn
> MM3XXW
>
Martyn,

Search back through the list. This has been discussed many times before. Usually if you subtract 2 from the first number, it tells you the year of manufacture. For example, a 70,xxx,xxx would tell you it was made in either 1985, 1995 or 2005. Of course you have to use your head a bit to know what the production dates on the particular radio were.

Eg. The TS850's were made from 1991 to 1996, then replaced with the TS870. So it couldn't have been made in 1985 or 2005. That leaves 1995. Hope it is clear.

Max
VE3TMT

7081. Re: [TS-850_450_690] Re: TS450 serial numbers

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-05-13 21:03:14 UTC
From: ve3wej gmail
Topic: 7075 Message: 7081

just a note, he was asking about the 450!! are they the same answer as the 450???

VE3WEJ
Dave Garber

10-X # 23465
echolink # 52852
irlp node 2202
email ve3wej@...
----- Original Message -----
From: ve3tmt
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, May 13, 2008 4:07 PM
Subject: [TS-850_450_690] Re: TS450 serial numbers

--- In TS-850_450_690@yahoogroups.com, "MM3XXW" <mm3xxw@...> wrote:
>
> Wonder if anyone can throw any light on how to work out the date of
> manufacture via the serial number?
>
> I know how to work them out on some other Kenwood models but am not
> too sure when it comes to the 450, it's not really an absolute
> necessity for me to know I'm just a nosy git!
>
> Anyone help?
>
> Martyn
> MM3XXW
>
Martyn,

Search back through the list. This has been discussed many times
before. Usually if you subtract 2 from the first number, it tells you
the year of manufacture. For example, a 70,xxx,xxx would tell you it
was made in either 1985, 1995 or 2005. Of course you have to use your
head a bit to know what the production dates on the particular radio were.

Eg. The TS850's were made from 1991 to 1996, then replaced with the
TS870. So it couldn't have been made in 1985 or 2005. That leaves
1995. Hope it is clear.

Max
VE3TMT

[Non-text portions of this message have been removed]

7082. PA7TWO KWD-TS850Sat terrible smell after short transmit

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-05-13 21:51:26 UTC
From: pa7two
Topic: 7082 Message: 7082

Dear all,

I have a phenomenon I am not able to find the root cause. When I switch-on my KWD TS-850Sat and do a few short CW transmissions, the internal fans starts and from the back of the radio I sense a terrible smell, like rotten eggs.
I checked twice all PCBs (found some capacitors leaking, but this was in the tuner section and not causing this smell).

I double checked the C1 on the CAR PCB, printed in black color and not leaking.

Has anyone experienced this before? For the rest the radio performs as did does for years, 100% OK...

Looking forward to your replies on the matter,

Vy 73, de Kees - pa7two

7083. Re: [TS-850_450_690] PA7TWO KWD-TS850Sat terrible smell after short transmit

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-05-13 22:50:49 UTC
From: ve3wej gmail
Topic: 7082 Message: 7083

check for frying mice??? inside the radio...

VE3WEJ
Dave Garber

10-X # 23465
echolink # 52852
irlp node 2202
email ve3wej@...
----- Original Message -----
From: pa7two
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, May 13, 2008 5:51 PM
Subject: [TS-850_450_690] PA7TWO KWD-TS850Sat terrible smell after short transmit

Dear all,

I have a phenomenon I am not able to find the root cause. When I
switch-on my KWD TS-850Sat and do a few short CW transmissions, the
internal fans starts and from the back of the radio I sense a terrible
smell, like rotten eggs.
I checked twice all PCBs (found some capacitors leaking, but this was
in the tuner section and not causing this smell).

I double checked the C1 on the CAR PCB, printed in black color and not
leaking.

Has anyone experienced this before? For the rest the radio performs as
did does for years, 100% OK...

Looking forward to your replies on the matter,

Vy 73, de Kees - pa7two

[Non-text portions of this message have been removed]

7084. Re: TS450 serial numbers

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-05-14 00:03:44 UTC
From: ve3tmt
Topic: 7075 Message: 7084

--- In TS-850_450_690@yahoogroups.com, "ve3wej gmail" <ve3wej@...> wrote:
>
> just a note, he was asking about the 450!! are they the same answer as the 450???

I was aware he was asking about the 450. I don't see why Kenwood would do it two different ways considering the rigs were both being produced at the same time.

Max
VE3TMT

7085. Re: PA7TWO KWD-TS850Sat terrible smell after short transmit

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-05-14 06:47:37 UTC
From: pa7two
Topic: 7082 Message: 7085

Hi Dave,

I am not joking... When I hit the CW paddle 1/2 minute later the
terrible stank is in the shack...

I wonder, could it be the C1 on the CAR board without able to see if
this capacitor leaks? The C1 looks OK to me...

73, de Kees

--- In TS-850_450_690@yahoogroups.com, "ve3wej gmail" <ve3wej@...> wrote:
>
> check for frying mice??? inside the radio...
>
> VE3WEJ
> Dave Garber
>
> 10-X # 23465
> echolink # 52852
> irlp node 2202
> email ve3wej@...
> ----- Original Message -----
> From: pa7two
> To: TS-850_450_690@yahoogroups.com
> Sent: Tuesday, May 13, 2008 5:51 PM
> Subject: [TS-850_450_690] PA7TWO KWD-TS850Sat terrible smell after
short transmit
>
>
> Dear all,
>
> I have a phenomenon I am not able to find the root cause. When I
> switch-on my KWD TS-850Sat and do a few short CW transmissions, the
> internal fans starts and from the back of the radio I sense a terrible
> smell, like rotten eggs.
> I checked twice all PCBs (found some capacitors leaking, but this was
> in the tuner section and not causing this smell).
>
> I double checked the C1 on the CAR PCB, printed in black color and not
> leaking.
>
> Has anyone experienced this before? For the rest the radio performs as
> did does for years, 100% OK...
>
> Looking forward to your replies on the matter,
>

> Vy 73, de Kees - pa7two
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

7086. Re: PA7TWO KWD-TS850Sat terrible smell after short transmit

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-05-14 06:39:01 UTC
From: sp1egn
Topic: 7082 Message: 7086

Hi, Kees

--- In TS-850_450_690@yahoogroups.com, "pa7two" <pa7two@...> wrote:

> internal fans starts and from the back of the radio I sense a terrible
> smell, like rotten eggs.

I am not an expert in electronics but "rotten egs" sounds for me like
any kind of sulphide compound.
An old grease (butter-type) would be my second guess. Is there any
chace that someone used eg. butter to lubricate the fans? It might
sound sutpid but ...

Best regards!

Robert sp1egn

7088. Re: [TS-850_450_690] Re: PA7TWO KWD-TS850Sat terrible smell after short transmit

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-05-14 11:34:19 UTC
From: Alexandr Kobranov
Topic: 7082 Message: 7088

Is this smell for any power level?
Maybe previous owner was a QRP man and ....

No seriously, is it power level independent?

GL!
Lexa, ok1dst

2008/5/14 ve3tmt <ve3tmt@...>:

> --- In TS-850_450_690@yahoogroups.com, "pa7two" <pa7two@...> wrote:
>
> > I wonder, could it be the C1 on the CAR board without able to see if
> > this capacitor leaks? The C1 looks OK to me...
>
> C1 leaking would have nothing to do with closing the CW key. Best
> thing to do is take both covers off, stand the radio on its side and
> duplicate the situation. Look and listen for anything burning and try
> to isolate the location of the sound or smell. Troubleshoot from
> there. This will eliminate a lot of guesswork.
>
> Max
> VE3TMT
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>

[Non-text portions of this message have been removed]

7089. Re: [TS-850_450_690] Re: PA7TWO KWD-TS850Sat terrible smell after short transmit

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-05-14 13:45:46 UTC
From: Bud Haynes
Topic: 7082 Message: 7089

pa7two wrote:
>
> Hi Dave,
>
> I am not joking... When I hit the CW paddle 1/2 minute later the
> terrible stank is in the shack...
>
> I wonder, could it be the C1 on the CAR board without able to see if
> this capacitor leaks? The C1 looks OK to me...
>
> 73, de Kees
>
> -
>

The only time I have eve heard of a smell like that coming from
electronic equipment was in the old days
when Selenium Rectifiers went bad.

Bud - KV7G - Glenrock, WY
>
>

7090. Re: PA7TWO KWD-TS850Sat terrible smell after short transmit

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-05-14 17:14:09 UTC
From: Clif
Topic: 7082 Message: 7090

My money is on C1 on the carrier board. The TXB line goes under it and when it leaks it shorts it to ground and you get the smell. Keep keying it and it will take out the Tx/Rx board on the IF unit.

Clif

--- In TS-850_450_690@yahoogroups.com, "pa7two" <pa7two@...> wrote:
>
> Hi Dave,
>
> I am not joking... When I hit the CW paddle 1/2 minute later the
> terrible stank is in the shack...
>
> I wonder, could it be the C1 on the CAR board without able to see if
> this capacitor leaks? The C1 looks OK to me...
>
> 73, de Kees
>
>
> --- In TS-850_450_690@yahoogroups.com, "ve3wej gmail" <ve3wej@> wrote:
> >
> > check for frying mice??? inside the radio...
> >
> > VE3WEJ
> > Dave Garber
> >
> > 10-X # 23465
> > echolink # 52852
> > irlp node 2202
> > email ve3wej@
> > ----- Original Message -----
> > From: pa7two
> > To: TS-850_450_690@yahoogroups.com
> > Sent: Tuesday, May 13, 2008 5:51 PM
> > Subject: [TS-850_450_690] PA7TWO KWD-TS850Sat terrible smell after
> short transmit
> >
> >
> > Dear all,
> >
> > I have a phenomenon I am not able to find the root cause. When I
> > switch-on my KWD TS-850Sat and do a few short CW transmissions, the
> > internal fans starts and from the back of the radio I sense a
terrible
> > smell, like rotten eggs.

> > I checked twice all PCBs (found some capacitors leaking, but
this was
> > in the tuner section and not causing this smell).
> >
> > I double checked the C1 on the CAR PCB, printed in black color
and not
> > leaking.
> >
> > Has anyone experienced this before? For the rest the radio
performs as
> > did does for years, 100% OK...
> >
> > Looking forward to your replies on the matter,
> >
> > Vy 73, de Kees - pa7two
> >
> >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>

7091. Re: [TS-850_450_690] Re: PA7TWO KWD-TS850Sat terrible smell after short transmit

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-05-14 20:19:41 UTC
From: Rob Frohne
Topic: 7082 Message: 7091

Hi Clif,

Thanks for the tip! I think this very same thing has happened to my TS-850SAT. I had traced it back to the transistor on the TRX sub-board (which is in turn on the IF board) which turns on TXB. It got so hot that it melted right off the board on two terminals. I soldered it back in and the TXB signal turns on again, but only to 4.8 volts or so, and the transistor is very hot in a hurry. So something is drawing a ton of current from TXB. I did that tracing last night, but didn't get to figuring out what cable/s took TXB off the IF board to start isolating the "leak." I'll check C1 on the carrier board to see if it is the culprit tonight. You may have just saved me a lot of hunting for the "leak."

73,

Rob, KL7NA

On Wed, 2008-05-14 at 17:14 +0000, Clif wrote:
> My money is on C1 on the carrier board. The TXB line goes under it and
> when it leaks it shorts it to ground and you get the smell. Keep
> keying it and it will take out the Tx/Rx board on the IF unit.
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "pa7two" <pa7two@...> wrote:
> >
> > Hi Dave,
> >
> > I am not joking... When I hit the CW paddle 1/2 minute later the
> > terrible stank is in the shack...
> >
> > I wonder, could it be the C1 on the CAR board without able to see if
> > this capacitor leaks? The C1 looks OK to me...
> >
> > 73, de Kees
> >
> >
> > --- In TS-850_450_690@yahoogroups.com, "ve3wej gmail" <ve3wej@>
> wrote:
> > >
> > > check for frying mice??? inside the radio...
> > >
> > > VE3WEJ
> > > Dave Garber

> > >
> > > 10-X # 23465
> > > echolink # 52852
> > > irlp node 2202
> > > email ve3wej@
> > > ----- Original Message -----
> > > From: pa7two
> > > To: TS-850_450_690@yahoogroups.com
> > > Sent: Tuesday, May 13, 2008 5:51 PM
> > > Subject: [TS-850_450_690] PA7TWO KWD-TS850Sat terrible smell after
> > short transmit
> > >
> > >
> > > Dear all,
> > >
> > > I have a phenomenon I am not able to find the root cause. When I
> > > switch-on my KWD TS-850Sat and do a few short CW transmissions,
> the
> > > internal fans starts and from the back of the radio I sense a
> terrible
> > > smell, like rotten eggs.
> > > I checked twice all PCBs (found some capacitors leaking, but
> this was
> > > in the tuner section and not causing this smell).
> > >
> > > I double checked the C1 on the CAR PCB, printed in black color
> and not
> > > leaking.
> > >
> > > Has anyone experienced this before? For the rest the radio
> performs as
> > > did does for years, 100% OK...
> > >
> > > Looking forward to your replies on the matter,
> > >
> > > Vy 73, de Kees - pa7two
> > >
> > >
> > >
> > >
> > >
> > > [Non-text portions of this message have been removed]
> > >
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>

7092. Re: [TS-850_450_690] Re: PA7TWO KWD-TS850Sat terrible smell after short transmit

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-05-14 20:45:15 UTC
From: Jordan
Topic: 7082 Message: 7092

I can recall some types of electrolyte smelling somewhat fishy when they leak....Perhaps at a certain temperature the odor changes....Check the cap....73 Jordan...

----- Original Message -----
From: Clif
To: TS-850_450_690@yahoogroups.com
Sent: Wednesday, May 14, 2008 11:14 AM
Subject: [TS-850_450_690] Re: PA7TWO KWD-TS850Sat terrible smell after short transmit

My money is on C1 on the carrier board. The TXB line goes under it and
when it leaks it shorts it to ground and you get the smell. Keep
keying it and it will take out the Tx/Rx board on the IF unit.

Clif

--- In TS-850_450_690@yahoogroups.com, "pa7two" <pa7two@...> wrote:
>
> Hi Dave,
>
> I am not joking... When I hit the CW paddle 1/2 minute later the
> terrible stank is in the shack...
>
> I wonder, could it be the C1 on the CAR board without able to see if
> this capacitor leaks? The C1 looks OK to me...
>
> 73, de Kees
>
>
> --- In TS-850_450_690@yahoogroups.com, "ve3wej gmail" <ve3wej@> wrote:
> >
> > check for frying mice??? inside the radio...
> >
> > VE3WEJ
> > Dave Garber
> >
> > 10-X # 23465
> > echolink # 52852
> > irlp node 2202
> > email ve3wej@
> > ----- Original Message -----
> > From: pa7two
> > To: TS-850_450_690@yahoogroups.com
> > Sent: Tuesday, May 13, 2008 5:51 PM
> > Subject: [TS-850_450_690] PA7TWO KWD-TS850Sat terrible smell after
> short transmit

> >
> >
> > Dear all,
> >
> > I have a phenomenon I am not able to find the root cause. When I
> > switch-on my KWD TS-850Sat and do a few short CW transmissions, the
> > internal fans starts and from the back of the radio I sense a
terrible
> > smell, like rotten eggs.
> > I checked twice all PCBs (found some capacitors leaking, but
this was
> > in the tuner section and not causing this smell).
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> > I double checked the C1 on the CAR PCB, printed in black color
and not
> > leaking.
> >
> > Has anyone experienced this before? For the rest the radio
performs as
> > did does for years, 100% OK...
> >
> > Looking forward to your replies on the matter,
> >
> > Vy 73, de Kees - pa7two
> >
> >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>

[Non-text portions of this message have been removed]

7093. Re: PA7TWO KWD-TS850Sat terrible smell after short transmit

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-05-15 00:36:06 UTC
From: Clif
Topic: 7082 Message: 7093

Glad to be of help. It's a common problem that I've seen a lot of.

Clif

--- In TS-850_450_690@yahoogroups.com, Rob Frohne <rob.frohne@...> wrote:
>
> Hi Clif,
>
> Thanks for the tip! I think this very same thing has happened to my
> TS-850SAT. I had traced it back to the transistor on the TRX sub-board
> (which is in turn on the IF board) which turns on TXB. It got so hot
> that it melted right off the board on two terminals. I soldered it back
> in and the TXB signal turns on again, but only to 4.8 volts or so, and
> the transistor is very hot in a hurry. So something is drawing a ton of
> current from TXB. I did that tracing last night, but didn't get to
> figuring out what cable/s took TXB off the IF board to start isolating
> the "leak." I'll check C1 on the carrier board to see if it is the
> culprit tonight. You may have just saved me a lot of hunting for the
> "leak."
>
> 73,
>
> Rob, KL7NA
>
> On Wed, 2008-05-14 at 17:14 +0000, Clif wrote:
> > My money is on C1 on the carrier board. The TXB line goes under it and
> > when it leaks it shorts it to ground and you get the smell. Keep
> > keying it and it will take out the Tx/Rx board on the IF unit.
> >
> > Clif
> >
> > --- In TS-850_450_690@yahoogroups.com, "pa7two" <pa7two@> wrote:
> > >
> > > Hi Dave,
> > >
> > > I am not joking... When I hit the CW paddle 1/2 minute later the
> > > terrible stank is in the shack...
> > >
> > > I wonder, could it be the C1 on the CAR board without able to see if
> > > this capacitor leaks? The C1 looks OK to me...
> > >
> > > 73, de Kees
> > >
> > >
> > > --- In TS-850_450_690@yahoogroups.com, "ve3wej gmail" <ve3wej@>

> > wrote:
> > > >
> > > > check for frying mice??? inside the radio...
> > > > >
> > > > VE3WEJ
> > > > Dave Garber
> > > > >
> > > > 10-X # 23465
> > > > echolink # 52852
> > > > irlp node 2202
> > > > email ve3wej@
> > > > ----- Original Message -----
> > > > From: pa7two
> > > > To: TS-850_450_690@yahoogroups.com
> > > > Sent: Tuesday, May 13, 2008 5:51 PM
> > > > Subject: [TS-850_450_690] PA7TWO KWD-TS850Sat terrible smell after
> > > short transmit
> > > > >
> > > > >
> > > > Dear all,
> > > > >
> > > > I have a phenomenon I am not able to find the root cause. When I
> > > > switch-on my KWD TS-850Sat and do a few short CW transmissions,
> > the
> > > > internal fans starts and from the back of the radio I sense a
> > terrible
> > > > smell, like rotten eggs.
> > > > I checked twice all PCBs (found some capacitors leaking, but
> > this was
> > > > in the tuner section and not causing this smell).
> > > > >
> > > > I double checked the C1 on the CAR PCB, printed in black color
> > and not
> > > > leaking.
> > > > >
> > > > Has anyone experienced this before? For the rest the radio
> > performs as
> > > > did does for years, 100% OK...
> > > > >
> > > > Looking forward to your replies on the matter,
> > > > >
> > > > Vy 73, de Kees - pa7two
> > > > >
> > > > >
> > > > >
> > > > >
> > > > >
> > > > [Non-text portions of this message have been removed]
> > > > >
> > > >

> >
> >
> >
> >
> >
>

7094. Re: [TS-850_450_690] Re: PA7TWO KWD-TS850Sat terrible smell after short transmit

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-05-15 05:53:06 UTC
From: Rob Frohne
Topic: 7082 Message: 7094

Hi Clif, et. al.,

You were dead right on the C1 leaking and shorting out TXB. Way to go Clif!

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Thanks & 73,

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> > > > > 10-X # 23465
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> > > > > irlp node 2202
> > > > > email ve3wej@
> > > > > ----- Original Message -----
> > > > > From: pa7two
> > > > > To: TS-850_450_690@yahoogroups.com
> > > > > Sent: Tuesday, May 13, 2008 5:51 PM
> > > > > Subject: [TS-850_450_690] PA7TWO KWD-TS850Sat terrible smell
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> > > > short transmit
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7095. Re: [TS-850_450_690] Re: PA7TWO KWD-TS850Sat terrible smell after short transmit

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-05-15 06:08:09 UTC
From: Rob Frohne
Topic: 7082 Message: 7095

Hi Everyone,

One more note. I don't think it is the Carrier board putting the 0.88 volts on the TXB line, as I removed the white ribbon cable that TXB comes in on and the 0.88 volts remained. I forgot to note that in my previous post.

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7096. Re: [TS-850_450_690] Re: PA7TWO KWD-TS850Sat terrible smell after short transmit

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-05-15 08:19:37 UTC
From: Rob Frohne
Topic: 7082 Message: 7096

Hi All,

I found some notes on the web at:

http://www.cqham.ru/ts850repair.htm

Those suggested it might be D31 and it was!

Thanks everyone for the tips!

73,

Rob, KL7NA

On Wed, 2008-05-14 at 23:08 -0700, Rob Frohne wrote:
> Hi Everyone,
>
> One more note. I don't think it is the Carrier board putting the 0.88
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7097. Re: PA7TWO KWD-TS850Sat terrible smell after short transmit

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-05-15 10:58:27 UTC
From: pa7two
Topic: 7082 Message: 7097

Hi to all,

Thanks for the great response, I was able to find the culprit!

The next day I examined again the CAR PCB and I observed some electrolite acid on the PCB just under 4 of the capacitors... Too late, because it damaged some of the traces :-(

I repaired the PCB lot by replacing the original CAPs by a ordinairy type capacitors (10 x 16v/10uF and 1 x 36v/47uF) which all fitted exactly in the original plastic sockets.

My hint to all who did not do this exercise yet : REMOVE ALL CAPACITORS on the CAR PCB!

Anyone has an idea what to put on the green soldermask that has been damaged by the acid? I have removed the bad parts, shiny copper is displayed now... have to covered by something I suppose.

Again, THANKS for all the comments en observations!

Vy 73, de Kees.

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> > > > transmissions,
> > > > > > > the
> > > > > > > > > internal fans starts and from the back of the radio I
> > sense
> > > > a
> > > > > > > terrible
> > > > > > > > > smell, like rotten eggs.
> > > > > > > > > I checked twice all PCBs (found some capacitors leaking,
> > but
> > > > > > this was
> > > > > > > > > in the tuner section and not causing this smell).
> > > > > > > > >
> > > > > > > > > I double checked the C1 on the CAR PCB, printed in black
> > > > color
> > > > > > and not
> > > > > > > > > leaking.
> > > > > > > > >
> > > > > > > > > Has anyone experienced this before? For the rest the radio

> > > > > > performs as
> > > > > > > > > did does for years, 100% OK...
> > > > > > > > > >
> > > > > > > > > > Looking forward to your replies on the matter,
> > > > > > > > > >
> > > > > > > > > > Vy 73, de Kees - pa7two
> > > > > > > > > >
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> > > > > > > > > > [Non-text portions of this message have been removed]
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7098. TL-922

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-05-15 11:38:12 UTC
From: Paul Spiteri
Topic: 7098 Message: 7098

Hi all,
I have a TL-922 that I use with the TS-850. I just bought a TS-2000 and can someone please tell me if the remote connector of the TS-2000 is the same as the TS-850 ? .
Thanks and best 73ss
de'
9H1SP
Paul

--
I am using the free version of SPAMfighter for private users.
It has removed 620 spam emails to date.
Paying users do not have this message in their emails.
Get the free SPAMfighter here: http://www.spamfighter.com/len

[Non-text portions of this message have been removed]

7099. Re: [TS-850_450_690] TL-922

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-05-15 11:58:06 UTC
From: eric
Topic: 7098 Message: 7099

Yes. I had/have both and Kenwood has kept the same connectors.

Eric, kr9w

Paul Spiteri wrote:
>
>
> Hi all,
> I have a TL-922 that I use with the TS-850. I just bought a TS-2000
> and can someone please tell me if the remote connector of the TS-2000
> is the same as the TS-850 ? .
> Thanks and best 73ss
> de'
> 9H1SP
> Paul
>
> --
> I am using the free version of SPAMfighter for private users.
> It has removed 620 spam emails to date.
> Paying users do not have this message in their emails.
> Get the free SPAMfighter here: http://www.spamfighter.com/len
> <http://www.spamfighter.com/len>
>
> [Non-text portions of this message have been removed]
>
>
> ---
>
> No virus found in this incoming message.
> Checked by AVG.
> Version: 7.5.524 / Virus Database: 269.23.16/1433 - Release Date: 5/14/2008 4:44 PM
>

7100. Re: {Disarmed} Re: [TS-850_450_690] TL-922

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-05-15 13:24:35 UTC
From: Paul Spiteri
Topic: 7100 Message: 7100

Thanks Eric for the fast answer. That's great.
73s
9H1SP
Paul

----- Original Message -----
From: eric
To: TS-850_450_690@yahoogroups.com
Sent: Thursday, May 15, 2008 1:58 PM
Subject: {Disarmed} Re: [TS-850_450_690] TL-922

Yes. I had/have both and Kenwood has kept the same connectors.

Eric, kr9w

Paul Spiteri wrote:
>
>
> Hi all,
> I have a TL-922 that I use with the TS-850. I just bought a TS-2000
> and can someone please tell me if the remote connector of the TS-2000
> is the same as the TS-850 ? .
> Thanks and best 73ss
> de'
> 9H1SP
> Paul
>
> --
> I am using the free version of SPAMfighter for private users.
> It has removed 620 spam emails to date.
> Paying users do not have this message in their emails.
> Get the free SPAMfighter here: http://www.spamfighter.com/len
> <http://www.spamfighter.com/len>
>
> [Non-text portions of this message have been removed]
>
>
> --
>
> No virus found in this incoming message.
> Checked by AVG.
> Version: 7.5.524 / Virus Database: 269.23.16/1433 - Release Date: 5/14/2008 4:44 PM
>

--
This message has been scanned for viruses and

dangerous content by MailScanner, and is
believed to be clean.

--
I am using the free version of SPAMfighter for private users.
It has removed 620 spam emails to date.
Paying users do not have this message in their emails.
Get the free SPAMfighter here: http://www.spamfighter.com/len

[Non-text portions of this message have been removed]

7101. TS-850 ACC1 CAT PORT

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-05-20 20:38:53 UTC
From: g3liv
Topic: 7101 Message: 7101

I have been trying to fire up the CAT port of my TS-850SAT
I have tried most of the usual circuits knocking around and
have been using HRD control.
But it always FAILS to connect.

My IC-706Mk11...FT-857...FT-900 are all fine using CAT.

Has anyone had trouble with the actual ACC1 being faulty ?
When I use HRD I can never switch DTR into the ON position.

I can check the BOX ON in the set up. But when it Fails to connect.
It still shows DTR OFF.
Even when the DTR set up box is ticked in HRD.
Is there a BUG for the 850 ?

Am I missing some thing some where.
I am no beginner at this and now kind of think the ACC1 is faulty.

Its never been used in the 12 years I have had the 850 from new.
Any ideas ?

de Johnny G3LIV....www.g3liv.co.uk

7102. Re: [TS-850_450_690] TS-850 ACC1 CAT PORT

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-05-20 21:29:58 UTC
From: ve3wej gmail
Topic: 7101 Message: 7102

are you using 4800 baud?????? if not what baud rate. have you checked the menu to verify it is turned on
as per the external control manual for the 850

4800,8,n,2

VE3WEJ
Dave Garber

10-X # 23465
echolink # 52852
irlp node 2202
email ve3wej@...
----- Original Message -----
From: g3liv
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, May 20, 2008 4:38 PM
Subject: [TS-850_450_690] TS-850 ACC1 CAT PORT

I have been trying to fire up the CAT port of my TS-850SAT
I have tried most of the usual circuits knocking around and
have been using HRD control.
But it always FAILS to connect.

My IC-706Mk11...FT-857...FT-900 are all fine using CAT.

Has anyone had trouble with the actual ACC1 being faulty ?
When I use HRD I can never switch DTR into the ON position.

I can check the BOX ON in the set up. But when it Fails to connect.
It still shows DTR OFF.
Even when the DTR set up box is ticked in HRD.
Is there a BUG for the 850 ?

Am I missing some thing some where.
I am no beginner at this and now kind of think the ACC1 is faulty.

Its never been used in the 12 years I have had the 850 from new.
Any ideas ?

de Johnny G3LIV....www.g3liv.co.uk

[Non-text portions of this message have been removed]

7103. Re: TS-850 ACC1 CAT PORT

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-05-20 23:09:41 UTC
From: Roland Spoon
Topic: 7101 Message: 7103

Are you using a TTL to RS232 converter circuit? If so the 4800,8,n,2 should work just fine. A cat cable for the Yeasu will not work for the Kenwood. Also chek to make sure you have the correct com port selected.
Roland AH6RR

--- In TS-850_450_690@yahoogroups.com, "ve3wej gmail" <ve3wej@...> wrote:
>
> are you using 4800 baud?????? if not what baud rate. have you checked the menu to verify it is turned on
> as per the external control manual for the 850
>
> 4800,8,n,2
>
> VE3WEJ
> Dave Garber
>
> 10-X # 23465
> echolink # 52852
> irlp node 2202
> email ve3wej@...
> ----- Original Message -----
> From: g3liv
> To: TS-850_450_690@yahoogroups.com
> Sent: Tuesday, May 20, 2008 4:38 PM
> Subject: [TS-850_450_690] TS-850 ACC1 CAT PORT
>
>
> I have been trying to fire up the CAT port of my TS-850SAT
> I have tried most of the usual circuits knocking around and
> have been using HRD control.
> But it always FAILS to connect.
>
> My IC-706Mk11...FT-857...FT-900 are all fine using CAT.
>
> Has anyone had trouble with the actual ACC1 being faulty ?
> When I use HRD I can never switch DTR into the ON position.
>
> I can check the BOX ON in the set up. But when it Fails to connect.
> It still shows DTR OFF.
> Even when the DTR set up box is ticked in HRD.
> Is there a BUG for the 850 ?
>

> Am I missing some thing some where.
> I am no beginner at this and now kind of think the ACC1 is
faulty.
>
> Its never been used in the 12 years I have had the 850 from new.
> Any ideas ?
>
> de Johnny G3LIV....www.g3liv.co.uk
>
>
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>
>
> [Non-text portions of this message have been removed]
>

7104. Re: [TS-850_450_690] TS-850 ACC1 CAT PORT

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-05-21 17:56:09 UTC
From: Johnny Melvin
Topic: 7101 Message: 7104

Hi Dave,

Thanks for the reply.

I have been trying it with HRD as a control program.

On both 4800 and Auto.

I do have the External Control Manual.
But I am not sure what you mean by.....

Verify it is turned on as per the external control
manual for the TS-850.

Or that you mean check the MENU in HRD.

Do you mean it is possible that the CAT input on the TS-850
is in fact turned OFF or am I just misunderstanding the statement.

Again tks,

de Johnny G3LIV

----- Original Message -----
From: ve3wej gmail
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, May 20, 2008 10:29 PM
Subject: Re: [TS-850_450_690] TS-850 ACC1 CAT PORT

are you using 4800 baud?????? if not what baud rate. have you checked the menu to verify it is turned on
as per the external control manual for the 850

4800,8,n,2

VE3WEJ
Dave Garber

10-X # 23465
echolink # 52852
irlp node 2202
email ve3wej@...
----- Original Message -----
From: g3liv
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, May 20, 2008 4:38 PM
Subject: [TS-850_450_690] TS-850 ACC1 CAT PORT

I have been trying to fire up the CAT port of my TS-850SAT
I have tried most of the usual circuits knocking around and
have been using HRD control.
But it always FAILS to connect.

My IC-706Mk11...FT-857...FT-900 are all fine using CAT.

Has anyone had trouble with the actual ACC1 being faulty ?
When I use HRD I can never switch DTR into the ON position.

I can check the BOX ON in the set up. But when it Fails to connect.
It still shows DTR OFF.
Even when the DTR set up box is ticked in HRD.
Is there a BUG for the 850 ?

Am I missing some thing some where.
I am no beginner at this and now kind of think the ACC1 is faulty.

Its never been used in the 12 years I have had the 850 from new.
Any ideas ?

de Johnny G3LIV....www.g3liv.co.uk

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[Non-text portions of this message have been removed]

7105. Re: [TS-850_450_690] TS-850 ACC1 CAT PORT

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-05-21 22:59:38 UTC
From: ve3wej gmail
Topic: 7101 Message: 7105

menu is in the 850

VE3WEJ
Dave Garber

10-X # 23465
echolink # 52852
irlp node 2202
email ve3wej@...
----- Original Message -----
From: Johnny Melvin
To: TS-850_450_690@yahoogroups.com
Sent: Wednesday, May 21, 2008 1:56 PM
Subject: Re: [TS-850_450_690] TS-850 ACC1 CAT PORT

Hi Dave,

Thanks for the reply.

I have been trying it with HRD as a control program.

On both 4800 and Auto.

I do have the External Control Manual.
But I am not sure what you mean by.....

Verify it is turned on as per the external control
manual for the TS-850.

Or that you mean check the MENU in HRD.

Do you mean it is possible that the CAT input on the TS-850
is in fact turned OFF or am I just misunderstanding the statement.

Again tks,

de Johnny G3LIV

----- Original Message -----
From: ve3wej gmail
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, May 20, 2008 10:29 PM
Subject: Re: [TS-850_450_690] TS-850 ACC1 CAT PORT

are you using 4800 baud?????? if not what baud rate. have you checked the menu to verify it is turned on
as per the external control manual for the 850

4800,8,n,2

VE3WEJ
Dave Garber

10-X # 23465
echolink # 52852
irlp node 2202
email ve3wej@...
----- Original Message -----
From: g3liv
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, May 20, 2008 4:38 PM
Subject: [TS-850_450_690] TS-850 ACC1 CAT PORT

I have been trying to fire up the CAT port of my TS-850SAT
I have tried most of the usual circuits knocking around and
have been using HRD control.
But it always FAILS to connect.

My IC-706Mk11...FT-857...FT-900 are all fine using CAT.

Has anyone had trouble with the actual ACC1 being faulty ?
When I use HRD I can never switch DTR into the ON position.

I can check the BOX ON in the set up. But when it Fails to connect.
It still shows DTR OFF.
Even when the DTR set up box is ticked in HRD.
Is there a BUG for the 850 ?

Am I missing some thing some where.
I am no beginner at this and now kind of think the ACC1 is faulty.

Its never been used in the 12 years I have had the 850 from new.
Any ideas ?

de Johnny G3LIV....www.g3liv.co.uk

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7106. Re: TS-850 ACC1 CAT PORT

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-05-21 23:34:27 UTC
From: Richard Ferch
Topic: 7101 Message: 7106

Also, depending on how your TTL to RS232 voltage level converter
circuit is constructed, you may need to set RTS on the serial port
to "Always on".

73,
Rich VE3KI

--- In TS-850_450_690@yahoogroups.com, "Roland Spoon"
<Toesonnose@...> wrote:
>
> Are you using a TTL to RS232 converter circuit? If so the
4800,8,n,2
> should work just fine. A cat cable for the Yeasu will not work for
> the Kenwood. Also chek to make sure you have the correct com port
> selected.
> Roland AH6RR
>
> --- In TS-850_450_690@yahoogroups.com, "ve3wej gmail" <ve3wej@>
> wrote:
> >
> > are you using 4800 baud?????? if not what baud rate. have you
> checked the menu to verify it is turned on
> > as per the external control manual for the 850
> >
> > 4800,8,n,2
> >
> > VE3WEJ
> > Dave Garber
> >
> > 10-X # 23465
> > echolink # 52852
> > irlp node 2202
> > email ve3wej@
> > ----- Original Message -----
> > From: g3liv
> > To: TS-850_450_690@yahoogroups.com
> > Sent: Tuesday, May 20, 2008 4:38 PM
> > Subject: [TS-850_450_690] TS-850 ACC1 CAT PORT
> >
> >
> > I have been trying to fire up the CAT port of my TS-850SAT
> > I have tried most of the usual circuits knocking around and
> > have been using HRD control.
> > But it always FAILS to connect.
> >

> > My IC-706Mk11...FT-857...FT-900 are all fine using CAT.
> >
> > Has anyone had trouble with the actual ACC1 being faulty ?
> > When I use HRD I can never switch DTR into the ON position.
> >
> > I can check the BOX ON in the set up. But when it Fails to
> connect.
> > It still shows DTR OFF.
> > Even when the DTR set up box is ticked in HRD.
> > Is there a BUG for the 850 ?
> >
> > Am I missing some thing some where.
> > I am no beginner at this and now kind of think the ACC1 is
> faulty.
> >
> > Its never been used in the 12 years I have had the 850 from new.
> > Any ideas ?
> >
> > de Johnny G3LIV....www.g3liv.co.uk
> >
> >
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> >
> > [Non-text portions of this message have been removed]
> >
>

7107. Re: [TS-850_450_690] TS-850 ACC1 CAT PORT

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-05-22 00:11:25 UTC
From: Johnny Melvin
Topic: 7101 Message: 7107

Hi Dave.

Ok I believe you but I have no idea what you mean by that.
Or where to do what about it.

But thanks for your time.
I will forget the 850 and use my 706.

73

de Johnny G3LIV

----- Original Message -----
From: ve3wej gmail
To: TS-850_450_690@yahoogroups.com
Sent: Wednesday, May 21, 2008 11:59 PM
Subject: Re: [TS-850_450_690] TS-850 ACC1 CAT PORT

menu is in the 850

VE3WEJ
Dave Garber

10-X # 23465
echolink # 52852
irlp node 2202
email ve3wej@...
----- Original Message -----
From: Johnny Melvin
To: TS-850_450_690@yahoogroups.com
Sent: Wednesday, May 21, 2008 1:56 PM
Subject: Re: [TS-850_450_690] TS-850 ACC1 CAT PORT

Hi Dave,

Thanks for the reply.

I have been trying it with HRD as a control program.

On both 4800 and Auto.

I do have the External Control Manual.
But I am not sure what you mean by.....

Verify it is turned on as per the external control
manual for the TS-850.

Or that you mean check the MENU in HRD.

Do you mean it is possible that the CAT input on the TS-850
is in fact turned OFF or am I just misunderstanding the statement.

Again tks,

de Johnny G3LIV

----- Original Message -----
From: ve3wej gmail
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, May 20, 2008 10:29 PM
Subject: Re: [TS-850_450_690] TS-850 ACC1 CAT PORT

are you using 4800 baud?????? if not what baud rate. have you checked the menu to verify it
is turned on
as per the external control manual for the 850

4800,8,n,2

VE3WEJ
Dave Garber

10-X # 23465
echolink # 52852
irlp node 2202
email ve3wej@...
----- Original Message -----
From: g3liv
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, May 20, 2008 4:38 PM
Subject: [TS-850_450_690] TS-850 ACC1 CAT PORT

I have been trying to fire up the CAT port of my TS-850SAT
I have tried most of the usual circuits knocking around and
have been using HRD control.
But it always FAILS to connect.

My IC-706Mk11...FT-857...FT-900 are all fine using CAT.

Has anyone had trouble with the actual ACC1 being faulty ?
When I use HRD I can never switch DTR into the ON position.

I can check the BOX ON in the set up. But when it Fails to connect.
It still shows DTR OFF.
Even when the DTR set up box is ticked in HRD.
Is there a BUG for the 850 ?

Am I missing some thing some where.
I am no beginner at this and now kind of think the ACC1 is faulty.

Its never been used in the 12 years I have had the 850 from new.
Any ideas ?

de Johnny G3LIV....www.g3liv.co.uk

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[Non-text portions of this message have been removed]

7108. Re: [TS-850_450_690] Re: TS-850 ACC1 CAT PORT

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-05-22 00:18:48 UTC
From: Johnny Melvin
Topic: 7101 Message: 7108

Hi Rich,

Thanks for the come back.
I cant get any where with this.

I have tried for a long time now to get this going but no
further forward.

Yes I understand the CTS/RTS/DTR situation.
But DRT will NOT SET ON within the HRD set up.
Click the box ON and it still shows it OFF when the
failure report comes back.

I have on VE3 telling me that within the 850 there is a MENU setting
to switch the Cat port on or check its settings .
But I can see no way of doing that and I have read these manuals for weeks now.

So I have just decided to give up on CAT with the 850.
And use my 706.
I just cant waste any more time on it.

But thanks for the reply.

73 de Johnny G3LIV

----- Original Message -----
From: Richard Ferch
To: TS-850_450_690@yahoogroups.com
Sent: Thursday, May 22, 2008 12:34 AM
Subject: [TS-850_450_690] Re: TS-850 ACC1 CAT PORT

Also, depending on how your TTL to RS232 voltage level converter
circuit is constructed, you may need to set RTS on the serial port
to "Always on".

73,
Rich VE3KI

--- In TS-850_450_690@yahoogroups.com, "Roland Spoon"
<Toesonnose@...> wrote:
>
> Are you using a TTL to RS232 converter circuit? If so the
4800,8,n,2
> should work just fine. A cat cable for the Yeasu will not work for
> the Kenwood. Also chek to make sure you have the correct com port
> selected.
> Roland AH6RR
>

> --- In TS-850_450_690@yahoogroups.com, "ve3wej gmail" <ve3wej@>
> wrote:
> >
> > are you using 4800 baud?????? if not what baud rate. have you
> checked the menu to verify it is turned on
> > as per the external control manual for the 850
> >
> > 4800,8,n,2
> >
> > VE3WEJ
> > Dave Garber
> >
> > 10-X # 23465
> > echolink # 52852
> > irlp node 2202
> > email ve3wej@
> > ----- Original Message -----
> > From: g3liv
> > To: TS-850_450_690@yahoogroups.com
> > Sent: Tuesday, May 20, 2008 4:38 PM
> > Subject: [TS-850_450_690] TS-850 ACC1 CAT PORT
> >
> >
> > I have been trying to fire up the CAT port of my TS-850SAT
> > I have tried most of the usual circuits knocking around and
> > have been using HRD control.
> > But it always FAILS to connect.
> >
> > My IC-706Mk11...FT-857...FT-900 are all fine using CAT.
> >
> > Has anyone had trouble with the actual ACC1 being faulty ?
> > When I use HRD I can never switch DTR into the ON position.
> >
> > I can check the BOX ON in the set up. But when it Fails to
> connect.
> > It still shows DTR OFF.
> > Even when the DTR set up box is ticked in HRD.
> > Is there a BUG for the 850 ?
> >
> > Am I missing some thing some where.
> > I am no beginner at this and now kind of think the ACC1 is
> faulty.
> >
> > Its never been used in the 12 years I have had the 850 from new.
> > Any ideas ?
> >
> > de Johnny G3LIV....www.g3liv.co.uk
> >
> >
> >

> >
> >
> > [Non-text portions of this message have been removed]
> >
>

[Non-text portions of this message have been removed]

7109. Re CAT operation.

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-05-22 00:26:35 UTC
From: g3liv
Topic: 7109 Message: 7109

Hi Guys,

Thanks for the various replys to my " HELP" request.

I have exausted all these mentioned paths now and have come to
the conclution that the CAT ACC1 is faulty.

So its time to switch to my IC-706 for any CAT control.

But I thank you all for the feedback.
Maybe one day in the future I will have a eureaka moment.

Thanks again.

de Johnny G3LIV

7111. Re: Re CAT operation.

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-05-22 02:44:21 UTC
From: Clif
Topic: 7109 Message: 7111

Maybe because Kenwood's don't speak "Cat". That's Yaesu's name for computer control.

Seriously though I have seen the ACC-1 port fail. It goes thru a 7404 inverter and then straight to the processor. ACC-1 is a TTL level input/output and requires conversion to RS232 levels to function. RTS, CTS, RXD, and TXD all go thru the same inverter.

Clif

--- In TS-850_450_690@yahoogroups.com, "ve3tmt" <ve3tmt@...> wrote:
>
> Just for the record, I have never encountered a CAT port failure on a
> TS850.
>
> Clif??
>
> Max
> VE3TMT
>

7112. Re: [TS-850_450_690] Re: Re CAT operation.

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-05-22 08:40:07 UTC
From: Johnny Melvin
Topic: 7109 Message: 7112

Hi Cliff,

I just finally set a scope up on it last night.
And there is no sign of any activity on any of the pins
of ACL to ground when you change Freq or Modes.

I am now more under the impression its faulty.
But I was working on the basis it had never been used,
not that that is a guarantee of course.

When I get suitable time I will look at that board.
I need to get more info on that yet anyway. as to location etc.

But Tks

de Johnny G3LIV

----- Original Message -----
From: Clif
To: TS-850_450_690@yahoogroups.com
Sent: Thursday, May 22, 2008 3:44 AM
Subject: [TS-850_450_690] Re: Re CAT operation.

Maybe because Kenwood's don't speak "Cat". That's Yaesu's name for
computer control.

Seriously though I have seen the ACC-1 port fail. It goes thru a 7404
inverter and then straight to the processor. ACC-1 is a TTL level
input/output and requires conversion to RS232 levels to function. RTS,
CTS, RXD, and TXD all go thru the same inverter.

Clif

--- In TS-850_450_690@yahoogroups.com, "ve3tmt" <ve3tmt@...> wrote:
>
> Just for the record, I have never encountered a CAT port failure on a
> TS850.
>
> Clif??
>
> Max
> VE3TMT
>

[Non-text portions of this message have been removed]

7113. Re: Re CAT operation.

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-05-22 15:18:40 UTC
From: Clif
Topic: 7109 Message: 7113

It so happens I have an 850 on the bench now. I checked the lines going to the ACl and saw no activity when turning the main encoder. I then hooked up an IF232 and then to my computer running HRD. It connected immediately and worked fine.

Are you ABSOLUTELY sure the cable you are using is straight thru and not a null modem cable. What are you using for level conversion?

Clif

--- In TS-850_450_690@yahoogroups.com, Johnny Melvin <johnny@...> wrote:
>
> Hi Cliff,
>
> I just finally set a scope up on it last night.
> And there is no sign of any activity on any of the pins
> of ACL to ground when you change Freq or Modes.
>
> I am now more under the impression its faulty.
> But I was working on the basis it had never been used,
> not that that is a guarantee of course.
>
> When I get suitable time I will look at that board.
> I need to get more info on that yet anyway. as to location etc.
>
> But Tks
>
> de Johnny G3LIV
>
>
> ----- Original Message -----
> From: Clif
> To: TS-850_450_690@yahoogroups.com
> Sent: Thursday, May 22, 2008 3:44 AM
> Subject: [TS-850_450_690] Re: Re CAT operation.
>
>
> Maybe because Kenwood's don't speak "Cat". That's Yaesu's name for
> computer control.
>
> Seriously though I have seen the ACC-1 port fail. It goes thru a 7404
> inverter and then straight to the processor. ACC-1 is a TTL level
> input/output and requires conversion to RS232 levels to function. RTS,
> CTS, RXD, and TXD all go thru the same inverter.
>
> Clif

>
> --- In TS-850_450_690@yahoogroups.com, "ve3tmt" <ve3tmt@> wrote:
> >
> > Just for the record, I have never encountered a CAT port failure
on a
> > TS850.
> >
> > Clif??
> >
> > Max
> > VE3TMT
> >
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

7114. Re: [TS-850_450_690] Re: Re CAT operation.

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-05-22 16:50:11 UTC
From: Johnny Melvin
Topic: 7109 Message: 7114

Hi Clif,

That was handy it was available.

Strange, I expected to see some activity on the ACC1 lines.
We live and learn.

I just knocked up that circuit from the HRD interface list as
recommended for Kenwood's.
The one by IK2BCP with the 2 optos .
I know my COM1 is ok as I use it for Data modes and although
I have not checked out ever pin on it, it usually does do what's required.

I did just try a USB/RS232 adaptor cable with the same results.

I have a contact in Kenwood UK and he is posting me up an
old IF232 to try that out before I go any deeper.

It will prove one way or another if its ACC1 or the generally used
circuits recommended for the Kenwood's.

I did email IK2BCP regarding the circuit. The reply was that
its fine for Kenwood's. But no other comments.

I will keep the group informed as to what I find.
Its odd that I have had no trouble on 3 other rigs getting CAT going.

The wiring to the 9 Pin Coms port is hard wired just now.
But I understand what you mean regarding that statement,

Again thank you for taking this time out to reply.

73 de Johnny G3LIV

----- Original Message -----
From: Clif
To: TS-850_450_690@yahoogroups.com
Sent: Thursday, May 22, 2008 4:18 PM
Subject: [TS-850_450_690] Re: Re CAT operation.

It so happens I have an 850 on the bench now. I checked the lines
going to the ACl and saw no activity when turning the main encoder. I
then hooked up an IF232 and then to my computer running HRD. It
connected immediately and worked fine.

Are you ABSOLUTELY sure the cable you are using is straight thru and
not a null modem cable. What are you using for level conversion?

Clif

--- In TS-850_450_690@yahoogroups.com, Johnny Melvin <johnny@...> wrote:
>
> Hi Cliff,
>
> I just finally set a scope up on it last night.
> And there is no sign of any activity on any of the pins
> of ACL to ground when you change Freq or Modes.
>
> I am now more under the impression its faulty.
> But I was working on the basis it had never been used,
> not that that is a guarantee of course.
>
> When I get suitable time I will look at that board.
> I need to get more info on that yet anyway. as to location etc.
>
> But Tks
>
> de Johnny G3LIV
>
>
> ----- Original Message -----
> From: Clif
> To: TS-850_450_690@yahoogroups.com
> Sent: Thursday, May 22, 2008 3:44 AM
> Subject: [TS-850_450_690] Re: Re CAT operation.
>
>
> Maybe because Kenwood's don't speak "Cat". That's Yaesu's name for
> computer control.
>
> Seriously though I have seen the ACC-1 port fail. It goes thru a 7404
> inverter and then straight to the processor. ACC-1 is a TTL level
> input/output and requires conversion to RS232 levels to function. RTS,
> CTS, RXD, and TXD all go thru the same inverter.
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "ve3tmt" <ve3tmt@> wrote:
> >
> > Just for the record, I have never encountered a CAT port failure
on a
> > TS850.
> >
> > Clif??
> >
> > Max
> > VE3TMT
> >
>
>
>

>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

7115. MFJ-993B Tuner cable for the TS-450S

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-05-22 20:48:58 UTC
From: Russell Blair
Topic: 7115 Message: 7115

I would like to make my own cable if someone has the drawing of the cable please send it to me.
Thanks Russell NC5O

==========
IN GOD WE TRUST !
==========
Russell Blair NC5O Skype-Russell Blair
Hell Field #300 DRCC #55

7116. Re: [TS-850_450_690] Re: Re CAT operation.

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-05-22 21:03:27 UTC
From: ww3s@zoominternet.net
Topic: 7109 Message: 7116

I built one of the IK interfaces, no problems, make sure everything
is wired correctly, and where are you getting the power from the
circuit from?
On Thu 05/22/08 12:50 PM , Johnny Melvin sent:
Hi Clif,
That was handy it was available.
Strange, I expected to see some activity on the ACC1 lines.
We live and learn.
I just knocked up that circuit from the HRD interface list as
recommended for Kenwood's.
The one by IK2BCP with the 2 optos .
I know my COM1 is ok as I use it for Data modes and although
I have not checked out ever pin on it, it usually does do what's
required.
I did just try a USB/RS232 adaptor cable with the same results.
I have a contact in Kenwood UK and he is posting me up an
old IF232 to try that out before I go any deeper.
It will prove one way or another if its ACC1 or the generally used
circuits recommended for the Kenwood's.
I did email IK2BCP regarding the circuit. The reply was that
its fine for Kenwood's. But no other comments.
I will keep the group informed as to what I find.
Its odd that I have had no trouble on 3 other rigs getting CAT
going.
The wiring to the 9 Pin Coms port is hard wired just now.
But I understand what you mean regarding that statement,
Again thank you for taking this time out to reply.
73 de Johnny G3LIV
----- Original Message -----
From: Clif
To: TS-850_450_690@yahoogroups.com [1]
Sent: Thursday, May 22, 2008 4:18 PM
Subject: [TS-850_450_690] Re: Re CAT operation.
It so happens I have an 850 on the bench now. I checked the lines
going to the ACl and saw no activity when turning the main encoder.
I
then hooked up an IF232 and then to my computer running HRD. It
connected immediately and worked fine.
Are you ABSOLUTELY sure the cable you are using is straight thru and

not a null modem cable. What are you using for level conversion?
Clif
--- In TS-850_450_690@yahoogroups.com [2], Johnny Melvin wrote:
>
> Hi Cliff,

>
> I just finally set a scope up on it last night.
> And there is no sign of any activity on any of the pins
> of ACL to ground when you change Freq or Modes.
>
> I am now more under the impression its faulty.
> But I was working on the basis it had never been used,
> not that that is a guarantee of course.
>
> When I get suitable time I will look at that board.
> I need to get more info on that yet anyway. as to location etc.
>
> But Tks
>
> de Johnny G3LIV
>
>
> ----- Original Message -----
> From: Clif
> To: TS-850_450_690@yahoogroups.com [3]
> Sent: Thursday, May 22, 2008 3:44 AM
> Subject: [TS-850_450_690] Re: Re CAT operation.
>
>
> Maybe because Kenwood's don't speak "Cat". That's Yaesu's name for

> computer control.
>
> Seriously though I have seen the ACC-1 port fail. It goes thru a
7404
> inverter and then straight to the processor. ACC-1 is a TTL level
> input/output and requires conversion to RS232 levels to function.
RTS,
> CTS, RXD, and TXD all go thru the same inverter.
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com [4], "ve3tmt" wrote:
> >
> > Just for the record, I have never encountered a CAT port failure

on a
> > TS850.
> >
> > Clif??
> >
> > Max
> > VE3TMT
> >
>
>

>
>
>
> [Non-text portions of this message have been removed]
>
[Non-text portions of this message have been removed]

THANKS FOR USING TS-850_450_690@... [5]! Groups
Links
To visit your group on the web, go to:
http://groups.yahoo.com/group/TS-850_450_690/ [6]
Your email settings:
Individual Email | Traditional
To change settings online go to:
http://groups.yahoo.com/group/TS-850_450_690/join [7]
(Yahoo! ID required)
To change settings via email:
TS-850_450_690-digest@yahoogroups.com [8]
TS-850_450_690-fullfeatured@yahoogroups.com [9]
To unsubscribe from this group, send an email to:
TS-850_450_690-unsubscribe@yahoogroups.com [10]
Your use of Yahoo! Groups is subject to:
http://docs.yahoo.com/info/terms/ [11]

Links:
---
[1] mailto:TS-850_450_690@yahoogroups.com
[2] mailto:TS-850_450_690@yahoogroups.com
[3] mailto:TS-850_450_690@yahoogroups.com
[4] mailto:TS-850_450_690@yahoogroups.com
[5] mailto:TS-850_450_690@...
[6] http://groups.yahoo.com/group/TS-850_450_690/
[7] http://groups.yahoo.com/group/TS-850_450_690/join
[8] mailto:TS-850_450_690-digest@yahoogroups.com
[9] mailto:TS-850_450_690-fullfeatured@yahoogroups.com
[10] mailto:TS-850_450_690-unsubscribe@yahoogroups.com
[11] http://docs.yahoo.com/info/terms/

[Non-text portions of this message have been removed]

7117. Re: [TS-850_450_690] Re: Re CAT operation.

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-05-22 22:16:06 UTC
From: Johnny Melvin
Topic: 7109 Message: 7117

Hi Again Clif.

I am using the Coms port to power it.
Volts seem to be in right places.

One nice thing is the circuit did not need external volts supplied.

I have an IC-232 hopefully on loan coming next week.
I think that will prove it one way or the other.

Tks again

de Johnny G3LIV
----- Original Message -----
From: ww3s@...
To: TS-850_450_690@yahoogroups.com
Sent: Thursday, May 22, 2008 10:03 PM
Subject: Re: [TS-850_450_690] Re: Re CAT operation.

I built one of the IK interfaces, no problems, make sure everything
is wired correctly, and where are you getting the power from the for the board.

Messages in this topic (6) Reply (via web post) | Start a new topic
Messages | Files | Photos | Links | Database | Polls | Members | Calendar
THANKS FOR USING TS-850_450_690@...

Change settings via the Web (Yahoo! ID required)
Change settings via email: Switch delivery to Daily Digest | Switch format to Traditional
Visit Your Group | Yahoo! Groups Terms of Use | Unsubscribe Recent Activity
a.. 5New Members
b.. 1New Photos
Visit Your Group
Yahoo! Groups
w/ John McEnroe

Join the All-Bran

Day 10 Club.

Moderator Central
Yahoo! Groups

Get the latest news

from the team.

Yahoo! Groups
Women of Curves

Discuss food, fitness

and weight loss.
.

[Non-text portions of this message have been removed]

7118. Re: Re CAT operation.

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-05-23 01:19:47 UTC
From: Clif
Topic: 7109 Message: 7118

--- In TS-850_450_690@yahoogroups.com, Johnny Melvin <johnny@...> wrote:
>
> Hi Again Clif.
>
My money says the interface is the problem. Any takers?

Let us know how it goes..

Clif

> I am using the Coms port to power it.
> Volts seem to be in right places.
>
> One nice thing is the circuit did not need external volts supplied.
>
> I have an IC-232 hopefully on loan coming next week.
> I think that will prove it one way or the other.
>
> Tks again
>
> de Johnny G3LIV
> ----- Original Message -----
> From: ww3s@...
> To: TS-850_450_690@yahoogroups.com
> Sent: Thursday, May 22, 2008 10:03 PM
> Subject: Re: [TS-850_450_690] Re: Re CAT operation.
>
>
> I built one of the IK interfaces, no problems, make sure everything
> is wired correctly, and where are you getting the power from the
for the board.
>
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>
>
> Messages in this topic (6) Reply (via web post) | Start a new topic
> Messages | Files | Photos | Links | Database | Polls | Members |
Calendar
> THANKS FOR USING TS-850_450_690@...
>
> Change settings via the Web (Yahoo! ID required)

> Change settings via email: Switch delivery to Daily Digest |
Switch format to Traditional
> Visit Your Group | Yahoo! Groups Terms of Use | Unsubscribe Recent
Activity
> a.. 5New Members
> b.. 1New Photos
> Visit Your Group
> Yahoo! Groups
> w/ John McEnroe
>
> Join the All-Bran
>
> Day 10 Club.
>
> Moderator Central
> Yahoo! Groups
>
> Get the latest news
>
> from the team.
>
> Yahoo! Groups
> Women of Curves
>
> Discuss food, fitness
>
> and weight loss.
> .
>
>
> [Non-text portions of this message have been removed]
>

7119. Re: Re CAT operation.

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-05-23 02:40:51 UTC
From: Roland Spoon
Topic: 7109 Message: 7119

Clif I'm with you.
Roland AH6RR

--- In TS-850_450_690@yahoogroups.com, "Clif" <clif@...> wrote:
>
> --- In TS-850_450_690@yahoogroups.com, Johnny Melvin <johnny@>
wrote:
> >
> > Hi Again Clif.
> >
> My money says the interface is the problem. Any takers?
>
> Let us know how it goes..
>
> Clif
>
>
> > I am using the Coms port to power it.
> > Volts seem to be in right places.
> >
> > One nice thing is the circuit did not need external volts
supplied.
> >
> > I have an IC-232 hopefully on loan coming next week.
> > I think that will prove it one way or the other.
> >
> > Tks again
> >
> > de Johnny G3LIV
> > ----- Original Message -----
> > From: ww3s@
> > To: TS-850_450_690@yahoogroups.com
> > Sent: Thursday, May 22, 2008 10:03 PM
> > Subject: Re: [TS-850_450_690] Re: Re CAT operation.
> >
> >
> > I built one of the IK interfaces, no problems, make sure
everything
> > is wired correctly, and where are you getting the power from the
> for the board.
> >
> >
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> >
> >
> >
> >
> > Messages in this topic (6) Reply (via web post) | Start a new
topic
> > Messages | Files | Photos | Links | Database | Polls | Members |
> Calendar
> > THANKS FOR USING TS-850_450_690@
> >
> > Change settings via the Web (Yahoo! ID required)
> > Change settings via email: Switch delivery to Daily Digest |
> Switch format to Traditional
> > Visit Your Group | Yahoo! Groups Terms of Use | Unsubscribe
Recent
> Activity
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> > Visit Your Group
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> >
> > Join the All-Bran
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> > Get the latest news
> >
> > from the team.
> >
> > Yahoo! Groups
> > Women of Curves
> >
> > Discuss food, fitness
> >
> > and weight loss.
> > .
> >
> >
> > [Non-text portions of this message have been removed]
> >
>

7120. Re: [TS-850_450_690] Re: Re CAT operation.

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-05-23 09:46:58 UTC
From: Johnny Melvin
Topic: 7109 Message: 7120

Hi Clif,

It may well be the interface.
But I chose it because its published in the HRD interface advice pages.
I emailed the designer to be told its fine for my TS-850.
Its the design by IK2BCP in the HRD listing under Kenwood CAT Interfaces.

I use COMs driven interfaces for my 706 and 857,
They work fine.
But the IF-232 will kind of prove that one way or another when
I receive it , I hope next week.

Thanks again
de Johnny G3LIV

----- Original Message -----
From: Clif
To: TS-850_450_690@yahoogroups.com
Sent: Friday, May 23, 2008 2:19 AM
Subject: [TS-850_450_690] Re: Re CAT operation.

--- In TS-850_450_690@yahoogroups.com, Johnny Melvin <johnny@...> wrote:
>
> Hi Again Clif.
>
My money says the interface is the problem. Any takers?

Let us know how it goes..

Clif

> I am using the Coms port to power it.
> Volts seem to be in right places.
>
> One nice thing is the circuit did not need external volts supplied.
>
> I have an IC-232 hopefully on loan coming next week.
> I think that will prove it one way or the other.
>
> Tks again
>
> de Johnny G3LIV
> ----- Original Message -----
> From: ww3s@...
> To: TS-850_450_690@yahoogroups.com
> Sent: Thursday, May 22, 2008 10:03 PM
> Subject: Re: [TS-850_450_690] Re: Re CAT operation.

>
>
> I built one of the IK interfaces, no problems, make sure everything
> is wired correctly, and where are you getting the power from the
for the board.
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>
> Messages in this topic (6) Reply (via web post) | Start a new topic
> Messages | Files | Photos | Links | Database | Polls | Members |
Calendar
> THANKS FOR USING TS-850_450_690@...
>
> Change settings via the Web (Yahoo! ID required)
> Change settings via email: Switch delivery to Daily Digest |
Switch format to Traditional
> Visit Your Group | Yahoo! Groups Terms of Use | Unsubscribe Recent
Activity
> a.. 5New Members
> b.. 1New Photos
> Visit Your Group
> Yahoo! Groups
> w/ John McEnroe
>
> Join the All-Bran
>
> Day 10 Club.
>
> Moderator Central
> Yahoo! Groups
>
> Get the latest news
>
> from the team.
>
> Yahoo! Groups
> Women of Curves
>
> Discuss food, fitness
>
> and weight loss.
> .
>
>

> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

7121. TS 850 Squeak in AT

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-05-23 21:25:35 UTC
From: Robert Hunter
Topic: 7121 Message: 7121

I have my 850 open trying to gain access to the Ant Tuner motors, they are squeaking bad. Looks like major disassembly. Any tips?

Looks like I have to unsolder some cables to slide the cover out of the way.

I have had this rig since new and this is the first problem. Mostly use for contesting with the amp so it is bypassed. Batteries are original but look fine but they will get replaced soon.

Bob NG2P Rochester NY

[Non-text portions of this message have been removed]

7122. Re: [TS-850_450_690] TS 850 Squeak in AT

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-05-24 07:41:48 UTC
From: John Kramer
Topic: 7121 Message: 7122

Hi Bob

I have had the same problem with my 850, also bought it new in 93, and it started squeaking bad last year. I also took the cover off and decided not to fiddle. Perhaps a good clean out with compressed air would help....I look forward to some replies from guys that have cured that squeak. My tuner still works well, just an annoying high pitched squeak.

73

John

On 23 May 2008, at 11:25 PM, Robert Hunter wrote:

> I have my 850 open trying to gain access to the Ant Tuner motors,
> they are
> squeaking bad. Looks like major disassembly. Any tips?
>
> Looks like I have to unsolder some cables to slide the cover out of
> the way.
>
> I have had this rig since new and this is the first problem. Mostly
> use for
> contesting with the amp so it is bypassed. Batteries are original
> but look
> fine but they will get replaced soon.
>
> Bob NG2P Rochester NY
>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

7123. Re: TS 850 Squeak in AT

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-05-24 11:20:30 UTC
From: André
Topic: 7121 Message: 7123

--- In TS-850_450_690@yahoogroups.com, John Kramer <jkramer@...> wrote:
>
> Hi Bob
>
> I have had the same problem with my 850, also bought it new in 93,
> and it started squeaking bad last year. I also took the cover off
> and decided not to fiddle. Perhaps a good clean out with
> compressed air would help....I look forward to some replies from
> guys that have cured that squeak. My tuner still works well, just an
> annoying high pitched squeak.
>
> 73
>
> John
>
>
> On 23 May 2008, at 11:25 PM, Robert Hunter wrote:
>
> > I have my 850 open trying to gain access to the Ant Tuner motors,
> > they are
> > squeaking bad. Looks like major disassembly. Any tips?
> >
> > Looks like I have to unsolder some cables to slide the cover out of
> > the way.
> >
> > I have had this rig since new and this is the first problem. Mostly
> > use for
> > contesting with the amp so it is bypassed. Batteries are original
> > but look
> > fine but they will get replaced soon.
> >
> > Bob NG2P Rochester NY
> >
> > [Non-text portions of this message have been removed]
> >
> >
> >
>
>
>
> [Non-text portions of this message have been removed]
>

Most of the noise come from motor shaft boushing .
Just remove the tuner from Ts-850 .

Remove the tuner cover .
Drop some light oil on the motor shaft bushing .
Drop some oil on moving gear and shaft .
My 3 ts-850 had the same problem and was fixed the same way .
Dont need to tear down the unit .
Only screws , few wires and cables to remove .
Easy job .
Will tune like new .

7124. RE: [TS-850_450_690] Re: TS 850 Squeak in AT

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-05-26 00:27:11 UTC
From: Robert Hunter
Topic: 7121 Message: 7124

Just an update on the squeaky AT motors repair.

The hardest part of the job was gaining access to the interior of the AT motor shaft compartment. At least the covers on my AT were not as easy as it was made out to be. The cover over the motor end came off only with some delicate prying. There were some nipples on the cover that prohibited easy removal by sliding.

Once opened I propped the AT upended and held by a Pana-vice, put a drop of 3 and 1 oil on each shaft, left over night and then cleaned up the excess with q-tips.

Walla, now quiet.

Thanks for the feedback guys.

Bob NG2P

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of André
Sent: Saturday, May 24, 2008 7:21 AM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] Re: TS 850 Squeak in AT

--- In TS-850_450_690@yahoogroups.com
<mailto:TS-850_450_690%40yahoogroups.com> , John Kramer <jkramer@...> wrote:
>
> Hi Bob
>
> I have had the same problem with my 850, also bought it new in 93,
> and it started squeaking bad last year. I also took the cover off
> and decided not to fiddle. Perhaps a good clean out with
> compressed air would help....I look forward to some replies from
> guys that have cured that squeak. My tuner still works well, just an
> annoying high pitched squeak.
>
> 73
>
> John
>
>
> On 23 May 2008, at 11:25 PM, Robert Hunter wrote:
>
> > I have my 850 open trying to gain access to the Ant Tuner motors,
> > they are
> > squeaking bad. Looks like major disassembly. Any tips?
> >

> > Looks like I have to unsolder some cables to slide the cover out of
> > the way.
> >
> > I have had this rig since new and this is the first problem. Mostly
> > use for
> > contesting with the amp so it is bypassed. Batteries are original
> > but look
> > fine but they will get replaced soon.
> >
> > Bob NG2P Rochester NY
> >
> > [Non-text portions of this message have been removed]
> >
> >
> >
>
>
>
> [Non-text portions of this message have been removed]
>

Most of the noise come from motor shaft boushing .
Just remove the tuner from Ts-850 .
Remove the tuner cover .
Drop some light oil on the motor shaft bushing .
Drop some oil on moving gear and shaft .
My 3 ts-850 had the same problem and was fixed the same way .
Dont need to tear down the unit .
Only screws , few wires and cables to remove .
Easy job .
Will tune like new .

[Non-text portions of this message have been removed]

7125. Re: [TS-850_450_690] Re: Re CAT operation.

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-05-26 19:22:56 UTC
From: Tom Osborne
Topic: 7109 Message: 7125

>
> I have a contact in Kenwood UK and he is posting me up an
> old IF232 to try that out before I go any deeper.
>
You might give Neal, G4ZLP, a call. He sells some cables for CAT on the
Kenwoods and he once sent me the voltages that should be on the ACC plug.
It would be easy to check them out. 73
Tom W7WHY

7126. Receiving DRM with TS450/TS690/TS850/TS950

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-05-28 10:48:19 UTC
From: Ivan
Topic: 7126 Message: 7126

Hello all

For those who are interested in receiving the DRM(Digital Radio Mondiale) and own those kind of radios, there is an artice in my blog:

http://ea1ghe.blogspot.com/

I hope it will be useful for someone.

73 EA1GHE

7127. Re: PA7TWO KWD-TS850Sat terrible smell after short transmit

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-05-29 19:41:58 UTC
From: pa7two
Topic: 7082 Message: 7127

Dear all,

Could it be that there are more of this leaky CAPs in the TS850 like
on the CAR PCB (Which I all replaced) ?

Still every time when I switch on the radio I smell the stank...

Much less in strenght, sure, but still present... Any ideas please?

Kees- pa7two

--- In TS-850_450_690@yahoogroups.com, "pa7two" <pa7two@...> wrote:
>
> Hi to all,
>
> Thanks for the great response, I was able to find the culprit!
>
> The next day I examined again the CAR PCB and I observed some
> electrolite acid on the PCB just under 4 of the capacitors... Too
> late, because it damaged some of the traces :-(
>
> I repaired the PCB lot by replacing the original CAPs by a ordinairy
> type capacitors (10 x 16v/10uF and 1 x 36v/47uF) which all fitted
> exactly in the original plastic sockets.
>
> My hint to all who did not do this exercise yet : REMOVE ALL
> CAPACITORS on the CAR PCB!
>
> Anyone has an idea what to put on the green soldermask that has been
> damaged by the acid? I have removed the bad parts, shiny copper is
> displayed now... have to covered by something I suppose.
>
> Again, THANKS for all the comments en observations!
>
> Vy 73, de Kees.
>
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> --- In TS-850_450_690@yahoogroups.com, Rob Frohne <rob.frohne@> wrote:
> >
> > Hi All,
> >
> > I found some notes on the web at:
> >
> > http://www.cqham.ru/ts850repair.htm
> >
> > Those suggested it might be D31 and it was!

> >
> > Thanks everyone for the tips!
> >
> > 73,
> >
> > Rob, KL7NA
> >
> > On Wed, 2008-05-14 at 23:08 -0700, Rob Frohne wrote:
> > > Hi Everyone,
> > >
> > > One more note. I don't think it is the Carrier board putting the
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> > > volts on the TXB line, as I removed the white ribbon cable that TXB
> > > comes in on and the 0.88 volts remained. I forgot to note that in my
> > > previous post.
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> > > 73,
> > >
> > > Rob
> > >
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> > > > Hi Clif, et. al.,
> > > >
> > > > You were dead right on the C1 leaking and shorting out TXB. Way to
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> > > > Clif!
> > > >
> > > > I still have a problem though. Something on the TXB line is
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> > > > 0.88 volts on it during receive, which doesn't allow RXB to
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> > > to
> > > > 8
> > > > volts. If I short TXB to ground, there is 30 mA that flows through
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> > > > short and RXB comes on and the receiver appears to work fine. The
> > > > problem I face is that TXB goes to a lot of different places
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> > > > rig,
> > > > and figuring out which one is putting the 0.88 volts on the line
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> > > > receive is very tedious at best. Does anyone have any ideas on how
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> > > > When the problem was still intermittent I found that cycling to
> > > > transmit
> > > > and back to receive would often get it receiving again. Now, it
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> > > > Thanks & 73,
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> > > > On Thu, 2008-05-15 at 00:36 +0000, Clif wrote:
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> > > > > > Rob, KL7NA

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> > > > > > On Wed, 2008-05-14 at 17:14 +0000, Clif wrote:
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> > > under
> > > > it
> > > > > and
> > > > > > > when it leaks it shorts it to ground and you get the smell.
> > > Keep
> > > > > > keying it and it will take out the Tx/Rx board on the IF
unit.
> > > > > > > >
> > > > > > > Clif
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> > > > > > > > 73, de Kees
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> > > > > > > >
> > > > > > > > --- In TS-850_450_690@yahoogroups.com, "ve3wej gmail"
> > > > <ve3wej@>
> > > > > > > wrote:
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> > > > > > > > > check for frying mice??? inside the radio...
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> > > > > > > > > irlp node 2202
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> > > > > > > > > ----- Original Message -----
> > > > > > > > > From: pa7two
> > > > > > > > > To: TS-850_450_690@yahoogroups.com
> > > > > > > > > Sent: Tuesday, May 13, 2008 5:51 PM
> > > > > > > > > Subject: [TS-850_450_690] PA7TWO KWD-TS850Sat terrible
> > > smell

> > > > > after
> > > > > > > > > short transmit
> > > > > > > > > >
> > > > > > > > > >
> > > > > > > > > > Dear all,
> > > > > > > > > >
> > > > > > > > > > I have a phenomenon I am not able to find the root
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> > > > > > > > > >
> > > > > > > > > > Has anyone experienced this before? For the rest the
radio
> > > > > > performs as
> > > > > > > > > > did does for years, 100% OK...
> > > > > > > > > >
> > > > > > > > > > Looking forward to your replies on the matter,
> > > > > > > > > >
> > > > > > > > > > Vy 73, de Kees - pa7two
> > > > > > > > > >
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7128. KWD PS-53 question PA7TWO

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-05-29 21:12:49 UTC
From: pa7two
Topic: 7128 Message: 7128

Dear all,

Recently I bought a KWD PS-53 PSU. I hooked the PSU up to the KWD TS850 and I observe the PSU to become pretty warm (almost hot) when the radio is just in RX mode and occasionally make a very short CW QSO.

I raised the voltage inside the PSU to 14.4 volt, to make sure the KWD TS850 gets high enough voltage under load.

I also added some very small amount of heatsink paste under the temperature device, but fan does not kick in earlier... (The fan normally does only kick in during TX mode.)

Anyone can please tell me of the units get pretty warm during RX mode or something bad in my unit? (My KWD PS-52 PSU stays much cooler.)

Would like to hear your findings,

Thanks in advance,
Kees - pa7two

7129. Re: [TS-850_450_690] KWD PS-53 question PA7TWO

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-05-29 21:58:09 UTC
From: Ken
Topic: 7128 Message: 7129

Hello Kees!

my TS-850S does not get "noticeably" warm during receive. Even during transmit it does not get very warm, usually at 50 to 80 watts CW. I'm using 13.9v from an Astron RS-70 amp supply.

Ken, KA0W

--- On Thu, 5/29/08, pa7two <pa7two@...> wrote:
From: pa7two <pa7two@...>
Subject: [TS-850_450_690] KWD PS-53 question PA7TWO
To: TS-850_450_690@yahoogroups.com
Date: Thursday, May 29, 2008, 4:12 PM

Dear all,

Recently I bought a KWD PS-53 PSU. I hooked the PSU up to the KWD

TS850 and I observe the PSU to become pretty warm (almost hot) when

the radio is just in RX mode and occasionally make a very short CW QSO.

I raised the voltage inside the PSU to 14.4 volt, to make sure the KWD

TS850 gets high enough voltage under load.

I also added some very small amount of heatsink paste under the

temperature device, but fan does not kick in earlier... (The fan

normally does only kick in during TX mode.)

Anyone can please tell me of the units get pretty warm during RX mode

or something bad in my unit? (My KWD PS-52 PSU stays much cooler.)

Would like to hear your findings,

Thanks in advance,

Kees - pa7two

7130. Re: PA7TWO KWD-TS850Sat terrible smell after short transmit

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-05-29 21:59:28 UTC
From: Clif
Topic: 7082 Message: 7130

Check the IF unit around the audio amp. Those caps have been known to
leak.

Clif

--- In TS-850_450_690@yahoogroups.com, "pa7two" <pa7two@...> wrote:
>
> Dear all,
>
> Could it be that there are more of this leaky CAPs in the TS850 like
> on the CAR PCB (Which I all replaced) ?
>
> Still every time when I switch on the radio I smell the stank...
>
> Much less in strenght, sure, but still present... Any ideas please?
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>
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> > The next day I examined again the CAR PCB and I observed some
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> > Again, THANKS for all the comments en observations!
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> > > > > > > > > > From: pa7two
> > > > > > > > > > To: TS-850_450_690@yahoogroups.com
> > > > > > > > > > Sent: Tuesday, May 13, 2008 5:51 PM
> > > > > > > > > > Subject: [TS-850_450_690] PA7TWO KWD-TS850Sat terrible
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> radio
> > > > > > > > > performs as
> > > > > > > > > > > did does for years, 100% OK...
> > > > > > > > > > >
> > > > > > > > > > > Looking forward to your replies on the matter,
> > > > > > > > > > >
> > > > > > > > > > > Vy 73, de Kees - pa7two
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7131. Re: KWD PS-53 question PA7TWO

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-05-29 22:22:47 UTC
From: pa7two
Topic: 7128 Message: 7131

Hello Ken,

Thanks for your reply, but I am talking about my KWD PS-53 unit that
does get pretty warm, not as such the radio itself...

Do you have a KWD PS-53 unit?

Cheers,
Kees

--- In TS-850_450_690@yahoogroups.com, Ken <cw@...> wrote:
>
> Hello Kees!
>
> my TS-850S does not get "noticeably" warm during receive. Even
during transmit it does not get very warm, usually at 50 to 80 watts
CW. I'm using 13.9v from an Astron RS-70 amp supply.
>
> Ken, KA0W
>
>
>
>
>
> --- On Thu, 5/29/08, pa7two <pa7two@...> wrote:
> From: pa7two <pa7two@...>
> Subject: [TS-850_450_690] KWD PS-53 question PA7TWO
> To: TS-850_450_690@yahoogroups.com
> Date: Thursday, May 29, 2008, 4:12 PM
>
>
> Dear all,
>
>
>
> Recently I bought a KWD PS-53 PSU. I hooked the PSU up to the KWD
>
> TS850 and I observe the PSU to become pretty warm (almost hot) when
>
> the radio is just in RX mode and occasionally make a very short CW QSO.
>
>
>
> I raised the voltage inside the PSU to 14.4 volt, to make sure the KWD
>
> TS850 gets high enough voltage under load.

>
>
>
> I also added some very small amount of heatsink paste under the
>
> temperature device, but fan does not kick in earlier... (The fan
>
> normally does only kick in during TX mode.)
>
>
>
> Anyone can please tell me of the units get pretty warm during RX mode
>
> or something bad in my unit? (My KWD PS-52 PSU stays much cooler.)
>
>
>
> Would like to hear your findings,
>
>
>
> Thanks in advance,
>
> Kees - pa7two
>

7132. Re: PA7TWO KWD-TS850Sat terrible smell after short transmit

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-05-29 22:24:14 UTC
From: pa7two
Topic: 7082 Message: 7132

Hi Clif,

Could you please indicate where to find this PCB in the KWD TS850?
Near the CAR PCB or?

Cheers,
Kees

--- In TS-850_450_690@yahoogroups.com, "Clif" <clif@...> wrote:
>
> Check the IF unit around the audio amp. Those caps have been known to
> leak.
>
> Clif
>
>
> --- In TS-850_450_690@yahoogroups.com, "pa7two" <pa7two@> wrote:
> >
> > Dear all,
> >
> > Could it be that there are more of this leaky CAPs in the TS850 like
> > on the CAR PCB (Which I all replaced) ?
> >
> > Still every time when I switch on the radio I smell the stank...
> >
> > Much less in strenght, sure, but still present... Any ideas please?
> >
> > Kees- pa7two
> >
> >
> >
> > --- In TS-850_450_690@yahoogroups.com, "pa7two" <pa7two@> wrote:
> > >
> > > Hi to all,
> > >
> > > Thanks for the great response, I was able to find the culprit!
> > >
> > > The next day I examined again the CAR PCB and I observed some
> > > electrolite acid on the PCB just under 4 of the capacitors... Too
> > > late, because it damaged some of the traces :-(
> > >
> > > I repaired the PCB lot by replacing the original CAPs by a ordinairy
> > > type capacitors (10 x 16v/10uF and 1 x 36v/47uF) which all fitted
> > > exactly in the original plastic sockets.
> > >
> > > My hint to all who did not do this exercise yet : REMOVE ALL

> > > CAPACITORS on the CAR PCB!
> > >
> > > Anyone has an idea what to put on the green soldermask that has been
> > > damaged by the acid? I have removed the bad parts, shiny copper is
> > > displayed now... have to covered by something I suppose.
> > >
> > > Again, THANKS for all the comments en observations!
> > >
> > > Vy 73, de Kees.
> > >
> > >
> > > --- In TS-850_450_690@...m, Rob Frohne <rob.frohne@>
wrote:
> > > >
> > > > Hi All,
> > > >
> > > > I found some notes on the web at:
> > > >
> > > > http://www.cqham.ru/ts850repair.htm
> > > >
> > > > Those suggested it might be D31 and it was!
> > > >
> > > > Thanks everyone for the tips!
> > > >
> > > > 73,
> > > >
> > > > Rob, KL7NA
> > > >
> > > > On Wed, 2008-05-14 at 23:08 -0700, Rob Frohne wrote:
> > > > > Hi Everyone,
> > > > >
> > > > > One more note. I don't think it is the Carrier board putting the
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> > > > > volts on the TXB line, as I removed the white ribbon cable
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> in my
> > > > > previous post.
> > > > >
> > > > > 73,
> > > > >
> > > > > Rob
> > > > >
> > > > > On Wed, 2008-05-14 at 22:53 -0700, Rob Frohne wrote:
> > > > > > Hi Clif, et. al.,
> > > > > >
> > > > > > You were dead right on the C1 leaking and shorting out TXB.
> Way to
> > > > > > go
> > > > > > Clif!

> > > > > >
> > > > > > I still have a problem though. Something on the TXB line is
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> > > > > > 0.88 volts on it during receive, which doesn't allow RXB to
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> > > > > > to
> > > > > > 8
> > > > > > volts. If I short TXB to ground, there is 30 mA that flows
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> > > > > > the
> > > > > > short and RXB comes on and the receiver appears to work
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> > > > > > When the problem was still intermittent I found that
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> > > > > > Thanks & 73,
> > > > > >
> > > > > > Rob, KL7NA
> > > > > >
> > > > > > On Thu, 2008-05-15 at 00:36 +0000, Clif wrote:
> > > > > > > Glad to be of help. It's a common problem that I've seen a
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> > > > > > > Clif
> > > > > > >
> > > > > > > --- In TS-850_450_690@yahoogroups.com, Rob Frohne
> <rob.frohne@>
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> > > > > > > > Thanks for the tip! I think this very same thing has
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> > > > > > > > my

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> > > > > > > > > figuring out what cable/s took TXB off the IF board to
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> > > > > > isolating
> > > > > > > > > the "leak." I'll check C1 on the carrier board to see if
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> > > > > the
> > > > > > > > > culprit tonight. You may have just saved me a lot of
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> > > > > > the
> > > > > > > > > "leak."
> > > > > > > > > > > 73,
> > > > > > > > > > > Rob, KL7NA
> > > > > > > > > > > On Wed, 2008-05-14 at 17:14 +0000, Clif wrote:
> > > > > > > > > > > My money is on C1 on the carrier board. The TXB line
goes
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> > > > > > > > it
> > > > > > > > > > > and
> > > > > > > > > > > when it leaks it shorts it to ground and you get the
> smell.
> > > > > Keep
> > > > > > > > > > > keying it and it will take out the Tx/Rx board on the IF
> > unit.
> > > > > > > > > > > > Clif
> > > > > > > > > > > >

> > > > > > > > > --- In TS-850_450_690@yahoogroups.com, "pa7two"
<pa7two@>
> > > > > wrote:
> > > > > > > > > > >
> > > > > > > > > > > Hi Dave,
> > > > > > > > > > > >
> > > > > > > > > > > I am not joking... When I hit the CW paddle 1/2 minute
> > later
> > > > > > the
> > > > > > > > > > > terrible stank is in the shack...
> > > > > > > > > > > >
> > > > > > > > > > > I wonder, could it be the C1 on the CAR board
> without able
> > > > > > to
> > > > > > > > > > see if
> > > > > > > > > > > this capacitor leaks? The C1 looks OK to me...
> > > > > > > > > > > >
> > > > > > > > > > > 73, de Kees
> > > > > > > > > > > >
> > > > > > > > > > > >
> > > > > > > > > > > --- In TS-850_450_690@yahoogroups.com, "ve3wej gmail"
> > > > > > <ve3wej@>
> > > > > > > > > > wrote:
> > > > > > > > > > > >
> > > > > > > > > > > check for frying mice??? inside the radio...
> > > > > > > > > > > >
> > > > > > > > > > > VE3WEJ
> > > > > > > > > > > Dave Garber
> > > > > > > > > > > >
> > > > > > > > > > > 10-X # 23465
> > > > > > > > > > > echolink # 52852
> > > > > > > > > > > irlp node 2202
> > > > > > > > > > > email ve3wej@
> > > > > > > > > > > ----- Original Message -----
> > > > > > > > > > > From: pa7two
> > > > > > > > > > > To: TS-850_450_690@yahoogroups.com
> > > > > > > > > > > Sent: Tuesday, May 13, 2008 5:51 PM
> > > > > > > > > > > Subject: [TS-850_450_690] PA7TWO KWD-TS850Sat
terrible
> > > > > > smell
> > > > > > > > > after
> > > > > > > > > > > short transmit
> > > > > > > > > > > >
> > > > > > > > > > > >
> > > > > > > > > > > Dear all,
> > > > > > > > > > > >
> > > > > > > > > > > I have a phenomenon I am not able to find the root
> > cause.
> > > > > > When
> > > > > > > > > > I

> > > > > > > > > > > switch-on my KWD TS-850Sat and do a few short CW
> > > > > > > transmissions,
> > > > > > > > > the
> > > > > > > > > > > internal fans starts and from the back of the
radio I
> > > > > sense
> > > > > > a
> > > > > > > > > terrible
> > > > > > > > > > > smell, like rotten eggs.
> > > > > > > > > > > I checked twice all PCBs (found some capacitors
> leaking,
> > > > > but
> > > > > > > > > this was
> > > > > > > > > > > in the tuner section and not causing this smell).
> > > > > > > > > > >
> > > > > > > > > > > I double checked the C1 on the CAR PCB, printed in
> black
> > > > > color
> > > > > > > > > and not
> > > > > > > > > > > leaking.
> > > > > > > > > > >
> > > > > > > > > > > Has anyone experienced this before? For the rest the
> > radio
> > > > > > > > performs as
> > > > > > > > > > > did does for years, 100% OK...
> > > > > > > > > > >
> > > > > > > > > > > Looking forward to your replies on the matter,
> > > > > > > > > > >
> > > > > > > > > > > Vy 73, de Kees - pa7two
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7133. Re: PA7TWO KWD-TS850Sat terrible smell after short transmit

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-05-29 22:38:56 UTC
From: pa7two
Topic: 7082 Message: 7133

Hi Clif,

Let me rephrase my question: Around which components on the IF board
shall I look for these specific CAPs? Top or bottom when facing the
front of the radio to me? Bottom of radio side or top view?

73, de Kees

--- In TS-850_450_690@yahoogroups.com, "pa7two" <pa7two@...> wrote:
>
> Hi Clif,
>
> Could you please indicate where to find this PCB in the KWD TS850?
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>
>
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> --- In TS-850_450_690@yahoogroups.com, "Clif" <clif@> wrote:
> >
> > Check the IF unit around the audio amp. Those caps have been known to
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> > Clif
> >
> >
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> > > Could it be that there are more of this leaky CAPs in the TS850 like
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> > >
> > > Still every time when I switch on the radio I smell the stank...
> > >
> > > Much less in strenght, sure, but still present... Any ideas please?
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> > > > My hint to all who did not do this exercise yet : REMOVE ALL
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> > > > > Rob, KL7NA
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> > > > > On Wed, 2008-05-14 at 23:08 -0700, Rob Frohne wrote:
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> <pa7two@>
> > > > > > wrote:
> > > > > > > > > > > >
> > > > > > > > > > Hi Dave,
> > > > > > > > > > >
> > > > > > > > > > I am not joking... When I hit the CW paddle 1/2
minute
> > > later
> > > > > > > the
> > > > > > > > > > terrible stank is in the shack...
> > > > > > > > > > >
> > > > > > > > > > I wonder, could it be the C1 on the CAR board
> > without able
> > > > > > to
> > > > > > > > see if
> > > > > > > > > > this capacitor leaks? The C1 looks OK to me...
> > > > > > > > > > >
> > > > > > > > > > 73, de Kees
> > > > > > > > > > >
> > > > > > > > > > >
> > > > > > > > > > --- In TS-850_450_690@yahoogroups.com, "ve3wej
gmail"
> > > > > > <ve3wej@>
> > > > > > > > > > wrote:
> > > > > > > > > > > >
> > > > > > > > > > check for frying mice??? inside the radio...
> > > > > > > > > > >
> > > > > > > > > > VE3WEJ
> > > > > > > > > > Dave Garber
> > > > > > > > > > >
> > > > > > > > > > 10-X # 23465
> > > > > > > > > > echolink # 52852

> > > > > > > > > > > > > irlp node 2202
> > > > > > > > > > > > > email ve3wej@
> > > > > > > > > > > > > ----- Original Message -----
> > > > > > > > > > > > > From: pa7two
> > > > > > > > > > > > > To: TS-850_450_690@yahoogroups.com
> > > > > > > > > > > > > Sent: Tuesday, May 13, 2008 5:51 PM
> > > > > > > > > > > > > Subject: [TS-850_450_690] PA7TWO KWD-TS850Sat
> terrible
> > > > > > smell
> > > > > > > > after
> > > > > > > > > > short transmit
> > > > > > > > > > >
> > > > > > > > > > >
> > > > > > > > > > > Dear all,
> > > > > > > > > > >
> > > > > > > > > > > I have a phenomenon I am not able to find the root
> > > cause.
> > > > > > When
> > > > > > > > I
> > > > > > > > > > > switch-on my KWD TS-850Sat and do a few short CW
> > > > > > > > transmissions,
> > > > > > > > > > the
> > > > > > > > > > > internal fans starts and from the back of the
> radio I
> > > > > > sense
> > > > > > > > a
> > > > > > > > > > terrible
> > > > > > > > > > > smell, like rotten eggs.
> > > > > > > > > > > I checked twice all PCBs (found some capacitors
> > leaking,
> > > > > > but
> > > > > > > > > > this was
> > > > > > > > > > > in the tuner section and not causing this smell).
> > > > > > > > > > >
> > > > > > > > > > > I double checked the C1 on the CAR PCB, printed in
> > black
> > > > > > color
> > > > > > > > > > and not
> > > > > > > > > > > leaking.
> > > > > > > > > > >
> > > > > > > > > > > Has anyone experienced this before? For the
rest the
> > > radio
> > > > > > > > > > performs as
> > > > > > > > > > > did does for years, 100% OK...
> > > > > > > > > > >
> > > > > > > > > > > Looking forward to your replies on the matter,
> > > > > > > > > > >
> > > > > > > > > > > Vy 73, de Kees - pa7two
> > > > > > > > > > >

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> > > > > > > > > > > > > >
> > > > > > > > > > > > > > [Non-text portions of this message have been
> removed]
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7134. Re: [TS-850_450_690] Re: KWD PS-53 question PA7TWO

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-05-29 23:06:56 UTC
From: Ken
Topic: 7128 Message: 7134

Kees,

guess I didn't read your PS-53 post very well - "HI!" I was thinking of the TS-850S smell post and had burning caps on my mind.

No, I do not have a PS-53.

Hope you get the problem(s) figured out. Would be a shame to have a TS-850S not usable.

Have a great rest of the week and upcoming weekend!

Ken, KA0W

--- On Thu, 5/29/08, pa7two <pa7two@...> wrote:
From: pa7two <pa7two@...>
Subject: [TS-850_450_690] Re: KWD PS-53 question PA7TWO
To: TS-850_450_690@yahoogroups.com
Date: Thursday, May 29, 2008, 5:22 PM

Hello Ken,

Thanks for your reply, but I am talking about my KWD PS-53 unit that

does get pretty warm, not as such the radio itself...

Do you have a KWD PS-53 unit?

Cheers,

Kees

--- In TS-850_450_690@ yahoogroups. com, Ken <cw@...> wrote:

>

> Hello Kees!

>

> my TS-850S does not get "noticeably" warm during receive. Even

during transmit it does not get very warm, usually at 50 to 80 watts

CW. I'm using 13.9v from an Astron RS-70 amp supply.

>

> Ken, KA0W

>

>

>

>

>

> --- On Thu, 5/29/08, pa7two <pa7two@...> wrote:

> From: pa7two <pa7two@...>

> Subject: [TS-850_450_ 690] KWD PS-53 question PA7TWO

> To: TS-850_450_690@ yahoogroups. com

> Date: Thursday, May 29, 2008, 4:12 PM

>

>

> Dear all,

>

>

>

> Recently I bought a KWD PS-53 PSU. I hooked the PSU up to the KWD

>

> TS850 and I observe the PSU to become pretty warm (almost hot) when

>

> the radio is just in RX mode and occasionally make a very short CW QSO.

>

>

>

> I raised the voltage inside the PSU to 14.4 volt, to make sure the KWD

>

> TS850 gets high enough voltage under load.

>

>

>

> I also added some very small amount of heatsink paste under the

>

> temperature device, but fan does not kick in earlier... (The fan

>

> normally does only kick in during TX mode.)

>

>

>

> Anyone can please tell me of the units get pretty warm during RX mode

>

> or something bad in my unit? (My KWD PS-52 PSU stays much cooler.)

>

>

>

> Would like to hear your findings,

>

>

>

> Thanks in advance,

>

> Kees - pa7two

7135. Re: KWD PS-53 question PA7TWO

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-05-30 18:35:44 UTC
From: pa7two
Topic: 7128 Message: 7135

:-)

--- In TS-850_450_690@yahoogroups.com, Ken <cw@...> wrote:
>
> Kees,
>
> guess I didn't read your PS-53 post very well - "HI!" I was thinking
of the TS-850S smell post and had burning caps on my mind.
>
> No, I do not have a PS-53.
>
> Hope you get the problem(s) figured out. Would be a shame to have a
TS-850S not usable.
>
> Have a great rest of the week and upcoming weekend!
>
> Ken, KA0W
>
>
>
>
>
> --- On Thu, 5/29/08, pa7two <pa7two@...> wrote:
> From: pa7two <pa7two@...>
> Subject: [TS-850_450_690] Re: KWD PS-53 question PA7TWO
> To: TS-850_450_690@yahoogroups.com
> Date: Thursday, May 29, 2008, 5:22 PM
>
> Hello Ken,
>
>
>
> Thanks for your reply, but I am talking about my KWD PS-53 unit that
>
> does get pretty warm, not as such the radio itself...
>
>
>
> Do you have a KWD PS-53 unit?
>
>
>
> Cheers,
>
> Kees

>
>
>
> --- In TS-850_450_690@ yahoogroups. com, Ken <cw@> wrote:
>
> >
>
> > Hello Kees!
>
> >
>
> > my TS-850S does not get "noticeably" warm during receive. Even
>
> during transmit it does not get very warm, usually at 50 to 80 watts
>
> CW. I'm using 13.9v from an Astron RS-70 amp supply.
>
> >
>
> > Ken, KA0W
>
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>
> > --- On Thu, 5/29/08, pa7two <pa7two@> wrote:
>
> > From: pa7two <pa7two@>
>
> > Subject: [TS-850_450_ 690] KWD PS-53 question PA7TWO
>
> > To: TS-850_450_690@ yahoogroups. com
>
> > Date: Thursday, May 29, 2008, 4:12 PM
>
> >
>
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>
> > Dear all,
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> >
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> >

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>
> > Recently I bought a KWD PS-53 PSU. I hooked the PSU up to the KWD
>
> >
>
> > TS850 and I observe the PSU to become pretty warm (almost hot) when
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> >
>
> > the radio is just in RX mode and occasionally make a very short CW
QSO.
>
> >
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> >
>
> > I raised the voltage inside the PSU to 14.4 volt, to make sure the KWD
>
> >
>
> > TS850 gets high enough voltage under load.
>
> >
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> >
>
> >
>
> > I also added some very small amount of heatsink paste under the
>
> >
>
> > temperature device, but fan does not kick in earlier... (The fan
>
> >
>
> > normally does only kick in during TX mode.)
>
> >
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> >
>
> > Anyone can please tell me of the units get pretty warm during RX mode
>

> >
>
> > or something bad in my unit? (My KWD PS-52 PSU stays much cooler.)
>
> >
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>
> > Would like to hear your findings,
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>
> > Thanks in advance,
>
> >
>
> > Kees - pa7two
>

7136. (no subject)

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-05-31 13:22:16 UTC
From: tasos sarris
Topic: 7136 Message: 7136

Hi,
Well this my first post to the group, since I am a new owner of this rig. So recently, I read some where else, that the sensitivity of the receiver is about 20dB down in the 15m? band, especially in the middle of the operating band. Since I have no instruments to check it out, has maybe anyone realised something like that?
Second, my rig's? S/N is in the range of 30xxxxxx. Do you know if it is an early or late version?
Third, could you introduce me, which updates to do?
And finally, which? filter combination is the best for SSB operation. The 1.8 KHZ kenwood filter or using some INRAD filters combination?

73 de SV9ZP / Tasos

?

Χρησιμοποιείτε Yahoo!;
Βαρεθήκατε τα ενοχλητικά μηνύματα (spam); Το Yahoo! Mail διαθέτει την καλύτερη δυνατή προστασία κατά των ενοχλητικών μηνυμάτων http://login.yahoo.com/config/mail?.intl=gr

[Non-text portions of this message have been removed]

7137. TS-850 remote connector

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-05-31 15:18:19 UTC
From: WN9D
Topic: 7137 Message: 7137

Pin 7 of the TS-850 remote connector is supposed to provide +12 VDC on transmit. Mine indicates about +4 VDC on transmit. I would appreciate suggestions.

thanks and '73,
Randy WN9D

[Non-text portions of this message have been removed]

7138. Re: PA7TWO KWD-TS850Sat terrible smell after short transmit

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-05-31 18:11:04 UTC
From: pa7two
Topic: 7082 Message: 7138

Hi Clif,

Could you please tell me in what direction I need to search for these capacitors? Maybe the printed cap number on PCB or specific location near the audio amp on the IF unit?

Thanks a million in advance,

Vy 73, de Kees

--- In TS-850_450_690@yahoogroups.com, "Clif" <clif@...> wrote:
>
> Check the IF unit around the audio amp. Those caps have been known to
> leak.
>
> Clif
>
>
> --- In TS-850_450_690@yahoogroups.com, "pa7two" <pa7two@> wrote:
> >
> > Dear all,
> >
> > Could it be that there are more of this leaky CAPs in the TS850 like
> > on the CAR PCB (Which I all replaced) ?
> >
> > Still every time when I switch on the radio I smell the stank...
> >
> > Much less in strenght, sure, but still present... Any ideas please?
> >
> > Kees- pa7two
> >
> >
> >
> > --- In TS-850_450_690@yahoogroups.com, "pa7two" <pa7two@> wrote:
> > >
> > > Hi to all,
> > >
> > > Thanks for the great response, I was able to find the culprit!
> > >
> > > The next day I examined again the CAR PCB and I observed some
> > > electrolite acid on the PCB just under 4 of the capacitors... Too
> > > late, because it damaged some of the traces :-(
> > >
> > > I repaired the PCB lot by replacing the original CAPs by a ordinairy
> > > type capacitors (10 x 16v/10uF and 1 x 36v/47uF) which all fitted
> > > exactly in the original plastic sockets.

> > >
> > > My hint to all who did not do this exercise yet : REMOVE ALL
> > > CAPACITORS on the CAR PCB!
> > >
> > > Anyone has an idea what to put on the green soldermask that has been
> > > damaged by the acid? I have removed the bad parts, shiny copper is
> > > displayed now... have to covered by something I suppose.
> > >
> > > Again, THANKS for all the comments en observations!
> > >
> > > Vy 73, de Kees.
> > >
> > >
> > > --- In TS-850_450_690@yahoogroups.com, Rob Frohne <rob.frohne@>
wrote:
> > > >
> > > > Hi All,
> > > >
> > > > I found some notes on the web at:
> > > >
> > > > http://www.cqham.ru/ts850repair.htm
> > > >
> > > > Those suggested it might be D31 and it was!
> > > >
> > > > Thanks everyone for the tips!
> > > >
> > > > 73,
> > > >
> > > > Rob, KL7NA
> > > >
> > > > On Wed, 2008-05-14 at 23:08 -0700, Rob Frohne wrote:
> > > > > Hi Everyone,
> > > > >
> > > > > One more note. I don't think it is the Carrier board putting the
> > 0.88
> > > > > volts on the TXB line, as I removed the white ribbon cable
> that TXB
> > > > > comes in on and the 0.88 volts remained. I forgot to note that
> in my
> > > > > previous post.
> > > > >
> > > > > 73,
> > > > >
> > > > > Rob
> > > > >
> > > > > On Wed, 2008-05-14 at 22:53 -0700, Rob Frohne wrote:
> > > > > > Hi Clif, et. al.,
> > > > > >
> > > > > > You were dead right on the C1 leaking and shorting out TXB.
> Way to

> > > > > go
> > > > > > Clif!
> > > > > >
> > > > > > I still have a problem though. Something on the TXB line is
> > putting
> > > > > > 0.88 volts on it during receive, which doesn't allow RXB to
> > turn on
> > > > > > to
> > > > > > 8
> > > > > > volts. If I short TXB to ground, there is 30 mA that flows
> through
> > > > > the
> > > > > > short and RXB comes on and the receiver appears to work
> fine. The
> > > > > > problem I face is that TXB goes to a lot of different places
> > in the
> > > > > > rig,
> > > > > > and figuring out which one is putting the 0.88 volts on
the line
> > > > > during
> > > > > > receive is very tedious at best. Does anyone have any ideas
> on how
> > > > > best
> > > > > > to chase this down?
> > > > > >
> > > > > > When the problem was still intermittent I found that
cycling to
> > > > > transmit
> > > > > > and back to receive would often get it receiving again.
Now, it
> > > > > appears
> > > > > > to be pretty solid not receiving (unless I ground TXB).
> > > > > >
> > > > > > Thanks & 73,
> > > > > >
> > > > > > Rob, KL7NA
> > > > > >
> > > > > > On Thu, 2008-05-15 at 00:36 +0000, Clif wrote:
> > > > > > > Glad to be of help. It's a common problem that I've seen a
> > lot of.
> > > > > >
> > > > > > > Clif
> > > > > >
> > > > > > --- In TS-850_450_690@yahoogroups.com, Rob Frohne
> <rob.frohne@>
> > > > > > wrote:
> > > > > > >
> > > > > > > Hi Clif,
> > > > > > >
> > > > > > > Thanks for the tip! I think this very same thing has

> > happened to
> > > > > > my
> > > > > > > > > TS-850SAT. I had traced it back to the transistor on
the TRX
> > > > > > > sub-board
> > > > > > > > > (which is in turn on the IF board) which turns on TXB. It
> > got so
> > > > > > > hot
> > > > > > > > > that it melted right off the board on two terminals. I
> > soldered
> > > > > > it
> > > > > > > > back
> > > > > > > > > in and the TXB signal turns on again, but only to 4.8
> volts or
> > > > > so,
> > > > > > > > and
> > > > > > > > > the transistor is very hot in a hurry. So something is
> > drawing a
> > > > > > ton
> > > > > > > > of
> > > > > > > > > current from TXB. I did that tracing last night, but
> > didn't get
> > > > > to
> > > > > > > > figuring out what cable/s took TXB off the IF board to
start
> > > > > > isolating
> > > > > > > > > the "leak." I'll check C1 on the carrier board to see if
> it is
> > > > > the
> > > > > > > > > culprit tonight. You may have just saved me a lot of
> > hunting for
> > > > > > the
> > > > > > > > > "leak."
> > > > > > > > >
> > > > > > > > > 73,
> > > > > > > > >
> > > > > > > > > Rob, KL7NA
> > > > > > > > >
> > > > > > > > > On Wed, 2008-05-14 at 17:14 +0000, Clif wrote:
> > > > > > > > > > My money is on C1 on the carrier board. The TXB line
goes
> > > > > under
> > > > > > > > it
> > > > > > > > > and
> > > > > > > > > > when it leaks it shorts it to ground and you get the
> smell.
> > > > > Keep
> > > > > > > > > > keying it and it will take out the Tx/Rx board on the IF
> > unit.
> > > > > > > > >

> > > > > > > > > Clif
> > > > > > > > > >
> > > > > > > > > > --- In TS-850_450_690@yahoogroups.com, "pa7two"
<pa7two@>
> > > > > wrote:
> > > > > > > > > > >
> > > > > > > > > > > Hi Dave,
> > > > > > > > > > >
> > > > > > > > > > > I am not joking... When I hit the CW paddle 1/2 minute
> > later
> > > > > > > the
> > > > > > > > > > > terrible stank is in the shack...
> > > > > > > > > > >
> > > > > > > > > > > I wonder, could it be the C1 on the CAR board
> without able
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> > > > > > > > > > > --- In TS-850_450_690@yahoogroups.com, "ve3wej gmail"
> > > > > > <ve3wej@>
> > > > > > > > > > wrote:
> > > > > > > > > > > >
> > > > > > > > > > > check for frying mice??? inside the radio...
> > > > > > > > > > >
> > > > > > > > > > > VE3WEJ
> > > > > > > > > > > Dave Garber
> > > > > > > > > > >
> > > > > > > > > > > 10-X # 23465
> > > > > > > > > > > echolink # 52852
> > > > > > > > > > > irlp node 2202
> > > > > > > > > > > email ve3wej@
> > > > > > > > > > > ----- Original Message -----
> > > > > > > > > > > From: pa7two
> > > > > > > > > > > To: TS-850_450_690@yahoogroups.com
> > > > > > > > > > > Sent: Tuesday, May 13, 2008 5:51 PM
> > > > > > > > > > > Subject: [TS-850_450_690] PA7TWO KWD-TS850Sat
terrible
> > > > > > smell
> > > > > > > > > after
> > > > > > > > > > > short transmit
> > > > > > > > > > >
> > > > > > > > > > >
> > > > > > > > > > > Dear all,
> > > > > > > > > > >
> > > > > > > > > > > I have a phenomenon I am not able to find the root
> > cause.

> > > > > > When
> > > > > > > > I
> > > > > > > > > > > switch-on my KWD TS-850Sat and do a few short CW
> > > > > > > > transmissions,
> > > > > > > > > > the
> > > > > > > > > > > > > internal fans starts and from the back of the
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> > > > > sense
> > > > > > > a
> > > > > > > > > > > terrible
> > > > > > > > > > > > > > smell, like rotten eggs.
> > > > > > > > > > > > > > I checked twice all PCBs (found some capacitors
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> > > > > > > > > > this was
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> black
> > > > > > color
> > > > > > > > > > > and not
> > > > > > > > > > > > > leaking.
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> > > > > > > > > > > > > Has anyone experienced this before? For the rest the
> > radio
> > > > > > > > > performs as
> > > > > > > > > > > > > did does for years, 100% OK...
> > > > > > > > > > > >
> > > > > > > > > > > > > Looking forward to your replies on the matter,
> > > > > > > > > > > >
> > > > > > > > > > > > > Vy 73, de Kees - pa7two
> > > > > > > > > > > >
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> > > > > > > > > > > > > [Non-text portions of this message have been
removed]
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7139. Re: PA7TWO KWD-TS850Sat terrible smell after short transmit

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-05-31 20:32:39 UTC
From: pa7two
Topic: 7082 Message: 7139

Dear all,

This is becoming a real horror story :-(I've added a folder in the files section named " Leaky_caps_repair" . Added some photos of the LF and CAR board caps.

Beside the CAR board CAPs which I all replaced, I found C187 (10v/470uF) & C182 (16v/470uF) leaking on the LF board labeled "X48-3080-00 A/5". At the moment not fully sure exact what function these caps have, though. Anyone can tell me that? Are voltages at this junction higher than 10v and could that be the reason why the CAP started to leak (exploded)?

The spot on the PCB was damaged, but trace was still OK. Cleaned with some cleaning agent (special fluid to clean a PCB).

This radio is fully loaded with these kinda CAPs, I wonder wonder wonder when the next will say bye bye and damages some of the other components...

On Monday I'll go to the electronic parts shop here in town for the parts...

In the mean time I performed the BCB mod. Photo's in the "BCB_mod section" .

Vy 73, de Kees - pa7two

--- In TS-850_450_690@yahoogroups.com, "pa7two" <pa7two@...> wrote:
>
> Hi Clif,
>
> Could you please tell me in what direction I need to search for these
> capacitors? Maybe the printed cap number on PCB or specific location
> near the audio amp on the IF unit?
>
> Thanks a million in advance,
>
> Vy 73, de Kees
>
>
> --- In TS-850_450_690@yahoogroups.com, "Clif" <clif@> wrote:
> >
> > Check the IF unit around the audio amp. Those caps have been known to
> > leak.
> >
> > Clif

> >
> >
> > --- In TS-850_450_690@yahoogroups.com, "pa7two" <pa7two@> wrote:
> > >
> > > Dear all,
> > >
> > > Could it be that there are more of this leaky CAPs in the TS850 like
> > > on the CAR PCB (Which I all replaced) ?
> > >
> > > Still every time when I switch on the radio I smell the stank...
> > >
> > > Much less in strenght, sure, but still present... Any ideas please?
> > >
> > > Kees- pa7two
> > >
> > >
> > >
> > > --- In TS-850_450_690@yahoogroups.com, "pa7two" <pa7two@> wrote:
> > > >
> > > > Hi to all,
> > > >
> > > > Thanks for the great response, I was able to find the culprit!
> > > >
> > > > The next day I examined again the CAR PCB and I observed some
> > > > electrolite acid on the PCB just under 4 of the capacitors... Too
> > > > late, because it damaged some of the traces :-(
> > > >
> > > > I repaired the PCB lot by replacing the original CAPs by a
ordinairy
> > > > type capacitors (10 x 16v/10uF and 1 x 36v/47uF) which all fitted
> > > > exactly in the original plastic sockets.
> > > >
> > > > My hint to all who did not do this exercise yet : REMOVE ALL
> > > > CAPACITORS on the CAR PCB!
> > > >
> > > > Anyone has an idea what to put on the green soldermask that
has been
> > > > damaged by the acid? I have removed the bad parts, shiny copper is
> > > > displayed now... have to covered by something I suppose.
> > > >
> > > > Again, THANKS for all the comments en observations!
> > > >
> > > > Vy 73, de Kees.
> > > >
> > > >
> > > > --- In TS-850_450_690@yahoogroups.com, Rob Frohne <rob.frohne@>
> wrote:
> > > > >
> > > > > Hi All,
> > > > >

> > > > > I found some notes on the web at:
> > > > >
> > > > > http://www.cqham.ru/ts850repair.htm
> > > > >
> > > > > Those suggested it might be D31 and it was!
> > > > >
> > > > > Thanks everyone for the tips!
> > > > >
> > > > > 73,
> > > > >
> > > > > Rob, KL7NA
> > > > >
> > > > > On Wed, 2008-05-14 at 23:08 -0700, Rob Frohne wrote:
> > > > > > Hi Everyone,
> > > > > >
> > > > > > One more note. I don't think it is the Carrier board
putting the
> > > 0.88
> > > > > > volts on the TXB line, as I removed the white ribbon cable
> > that TXB
> > > > > comes in on and the 0.88 volts remained. I forgot to note that
> > in my
> > > > > previous post.
> > > > > >
> > > > > > 73,
> > > > > >
> > > > > > Rob
> > > > > >
> > > > > > On Wed, 2008-05-14 at 22:53 -0700, Rob Frohne wrote:
> > > > > > > Hi Clif, et. al.,
> > > > > > >
> > > > > > > You were dead right on the C1 leaking and shorting out TXB.
> > Way to
> > > > > go
> > > > > > > Clif!
> > > > > > >
> > > > > > > I still have a problem though. Something on the TXB line is
> > > putting
> > > > > > > 0.88 volts on it during receive, which doesn't allow RXB to
> > > turn on
> > > > > > > to
> > > > > > > 8
> > > > > > > volts. If I short TXB to ground, there is 30 mA that flows
> > through
> > > > > > > the
> > > > > > > short and RXB comes on and the receiver appears to work
> > fine. The
> > > > > > > problem I face is that TXB goes to a lot of different places
> > > in the
> > > > > > > rig,

> > > > > > > and figuring out which one is putting the 0.88 volts on
> the line
> > > > > > > during
> > > > > > > receive is very tedious at best. Does anyone have any ideas
> > on how
> > > > > > > best
> > > > > > > to chase this down?
> > > > > > >
> > > > > > > When the problem was still intermittent I found that
> cycling to
> > > > > > > transmit
> > > > > > > and back to receive would often get it receiving again.
> Now, it
> > > > > > > appears
> > > > > > > to be pretty solid not receiving (unless I ground TXB).
> > > > > > >
> > > > > > > Thanks & 73,
> > > > > > >
> > > > > > > Rob, KL7NA
> > > > > > >
> > > > > > > On Thu, 2008-05-15 at 00:36 +0000, Clif wrote:
> > > > > > > > Glad to be of help. It's a common problem that I've seen a
> > > lot of.
> > > > > > > >
> > > > > > > > Clif
> > > > > > > >
> > > > > > > > --- In TS-850_450_690@yahoogroups.com, Rob Frohne
> > <rob.frohne@>
> > > > > > > > wrote:
> > > > > > > > >
> > > > > > > > > Hi Clif,
> > > > > > > > >
> > > > > > > > > Thanks for the tip! I think this very same thing has
> > > happened to
> > > > > > > > > my
> > > > > > > > > TS-850SAT. I had traced it back to the transistor on
> the TRX
> > > > > > > > > sub-board
> > > > > > > > > (which is in turn on the IF board) which turns on
TXB. It
> > > got so
> > > > > > > > > hot
> > > > > > > > > that it melted right off the board on two terminals. I
> > > soldered
> > > > > > > > > it
> > > > > > > > > back
> > > > > > > > > in and the TXB signal turns on again, but only to 4.8
> > volts or
> > > > > > > > > so,
> > > > > > > > > and

> > > > > > > > > the transistor is very hot in a hurry. So something is
> > > drawing a
> > > > > > > ton
> > > > > > > > of
> > > > > > > > > current from TXB. I did that tracing last night, but
> > > didn't get
> > > > > > to
> > > > > > > > > figuring out what cable/s took TXB off the IF board to
> start
> > > > > > > > isolating
> > > > > > > > > the "leak." I'll check C1 on the carrier board to see if
> > it is
> > > > > > the
> > > > > > > > > culprit tonight. You may have just saved me a lot of
> > > hunting for
> > > > > > > the
> > > > > > > > > "leak."
> > > > > > > > >
> > > > > > > > > 73,
> > > > > > > > >
> > > > > > > > > Rob, KL7NA
> > > > > > > > >
> > > > > > > > > On Wed, 2008-05-14 at 17:14 +0000, Clif wrote:
> > > > > > > > > > My money is on C1 on the carrier board. The TXB line
> goes
> > > > > > under
> > > > > > > it
> > > > > > > > and
> > > > > > > > > > when it leaks it shorts it to ground and you get the
> > smell.
> > > > > > Keep
> > > > > > > > > > keying it and it will take out the Tx/Rx board on
the IF
> > > unit.
> > > > > > > > > >
> > > > > > > > > > Clif
> > > > > > > > > >
> > > > > > > > > > --- In TS-850_450_690@yahoogroups.com, "pa7two"
> <pa7two@>
> > > > > > wrote:
> > > > > > > > > > >
> > > > > > > > > > > Hi Dave,
> > > > > > > > > > >
> > > > > > > > > > > I am not joking... When I hit the CW paddle 1/2
minute
> > > later
> > > > > > > the
> > > > > > > > > > > terrible stank is in the shack...
> > > > > > > > > > >
> > > > > > > > > > > I wonder, could it be the C1 on the CAR board

> > without able
> > > > > > to
> > > > > > > > > see if
> > > > > > > > > > > this capacitor leaks? The C1 looks OK to me...
> > > > > > > > > > >
> > > > > > > > > > > 73, de Kees
> > > > > > > > > > >
> > > > > > > > > > >
> > > > > > > > > > > --- In TS-850_450_690@yahoogroups.com, "ve3wej
gmail"
> > > > > > > <ve3wej@>
> > > > > > > > > > > wrote:
> > > > > > > > > > >
> > > > > > > > > > > check for frying mice??? inside the radio...
> > > > > > > > > > >
> > > > > > > > > > > VE3WEJ
> > > > > > > > > > > Dave Garber
> > > > > > > > > > >
> > > > > > > > > > > 10-X # 23465
> > > > > > > > > > > echolink # 52852
> > > > > > > > > > > irlp node 2202
> > > > > > > > > > > email ve3wej@
> > > > > > > > > > > ----- Original Message -----
> > > > > > > > > > > From: pa7two
> > > > > > > > > > > To: TS-850_450_690@yahoogroups.com
> > > > > > > > > > > Sent: Tuesday, May 13, 2008 5:51 PM
> > > > > > > > > > > Subject: [TS-850_450_690] PA7TWO KWD-TS850Sat
> terrible
> > > > > > smell
> > > > > > > > > after
> > > > > > > > > > > short transmit
> > > > > > > > > > >
> > > > > > > > > > >
> > > > > > > > > > > Dear all,
> > > > > > > > > > >
> > > > > > > > > > > I have a phenomenon I am not able to find the root
> > > cause.
> > > > > > > > When
> > > > > > > > > I
> > > > > > > > > > > switch-on my KWD TS-850Sat and do a few short CW
> > > > > > > > transmissions,
> > > > > > > > > > > the
> > > > > > > > > > > internal fans starts and from the back of the
> radio I
> > > > > > > sense
> > > > > > > > > a
> > > > > > > > > > > terrible
> > > > > > > > > > > smell, like rotten eggs.
> > > > > > > > > > > I checked twice all PCBs (found some capacitors
> > leaking,

> > > > > > but
> > > > > > > > > > this was
> > > > > > > > > > > > in the tuner section and not causing this smell).
> > > > > > > > > > > >
> > > > > > > > > > > > I double checked the C1 on the CAR PCB, printed in
> > black
> > > > > > > color
> > > > > > > > > > and not
> > > > > > > > > > > > leaking.
> > > > > > > > > > > >
> > > > > > > > > > > > Has anyone experienced this before? For the
rest the
> > > radio
> > > > > > > > > > performs as
> > > > > > > > > > > > did does for years, 100% OK...
> > > > > > > > > > > >
> > > > > > > > > > > > Looking forward to your replies on the matter,
> > > > > > > > > > > >
> > > > > > > > > > > > Vy 73, de Kees - pa7two
> > > > > > > > > > > >
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> > > > > > > > > > > >
> > > > > > > > > > > > [Non-text portions of this message have been
> removed]
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7140. noisy

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-06-01 18:39:04 UTC
From: John
Topic: 7140 Message: 7140

Hello Members.
I have just acquired a ts450sat and very pleased with it.But the internal fans are very noisy
dose anyone have know a fix or should i change the fans?Also any ideas were i might get replacement fans.My be i could replace them with none Kenwood fans from a local suppler.Thanks in advance

John G0TIY

[Non-text portions of this message have been removed]

7141. Re: noisy

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-06-01 19:54:40 UTC
From: pa7two
Topic: 7140 Message: 7141

Hi John,

No fans, no power... Be glad adequate air is blowing inside the radio.

Enjoy your rig!

Vy 73, de Kees - pa7two

--- In TS-850_450_690@yahoogroups.com, John <g0tiy@...> wrote:
>
> Hello Members.
> I have just acquired a ts450sat and very pleased with it.But the
internal fans are very noisy
> dose anyone have know a fix or should i change the fans?Also any
ideas were i might
> get replacement fans.My be i could replace them with
none Kenwood fans from a local
> suppler.Thanks in advance
>
>
> John G0TIY
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

7142. Re: noisy

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-06-01 23:09:29 UTC
From: ve3tmt
Topic: 7140 Message: 7142

Looks to me like a 12V 4" muffin fan. Replacements should be available
at any computer shop.

Max
VE3TMT

7143. Re: [TS-850_450_690] Re: noisy

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-06-01 23:54:05 UTC
From: John
Topic: 7140 Message: 7143

Thank you Max i have come to the same conclusion.There are two 60 x 60mm fans both are noisy i have taken them out this evening they are 12v 0.2a i will look in the local computer shop and see is i can get the equivalent fan there low noise type. Thank you for the information . Regards

John G0TIY

--- On Sun, 6/1/08, ve3tmt <ve3tmt@...> wrote:
From: ve3tmt <ve3tmt@...>
Subject: [TS-850_450_690] Re: noisy
To: TS-850_450_690@yahoogroups.com
Date: Sunday, June 1, 2008, 4:09 PM

Looks to me like a 12V 4" muffin fan. Replacements should be available

at any computer shop.

Max

VE3TMT

[Non-text portions of this message have been removed]

7144. TS-850 and Digi-modes

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-06-02 00:20:28 UTC
From: kb1kox
Topic: 7144 Message: 7144

Trying to get some input on how folks are
setting there "power-out" while working Digital modes(PSK,MFSK,Ect.).
Are you using the carrier control in conjunction with the mic gain, or
just mic gain? I have the carrier knob set at 3 o'clock, and mic gain
just barely set till needle just flickers on PEP meter.(trying to keep
from any ALC movement...)
Looks like I am going to have to build a IMD meter soon, But was hoping
others in the group could share their experiences with the 850.I
actually have it hooked up side by side with a TS-570,and I am amazed
at how much better the 850 "hears",now just have to tweak
"output"settings...
(by the way,the interface is a navigator)
Thanks for everyones time....
73
Neil
AE1P

7145. Re: [TS-850_450_690] TS-850 and Digi-modes

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-06-02 00:44:09 UTC
From: ve3wej gmail
Topic: 7144 Message: 7145

reducing the mic gain, reduces the ssb output....
i enter via the 13 pin acc jack on the rear, and control it by the mic gain... rest of outpt set up as normal

VE3WEJ
Dave Garber

10-X # 23465
echolink # 52852
irlp node 2202
email ve3wej@...
----- Original Message -----
From: kb1kox
To: TS-850_450_690@yahoogroups.com
Sent: Sunday, June 01, 2008 8:20 PM
Subject: [TS-850_450_690] TS-850 and Digi-modes

Trying to get some input on how folks are
setting there "power-out" while working Digital modes(PSK,MFSK,Ect.).
Are you using the carrier control in conjunction with the mic gain, or
just mic gain? I have the carrier knob set at 3 o'clock, and mic gain
just barely set till needle just flickers on PEP meter.(trying to keep
from any ALC movement...)
Looks like I am going to have to build a IMD meter soon, But was hoping
others in the group could share their experiences with the 850.I
actually have it hooked up side by side with a TS-570,and I am amazed
at how much better the 850 "hears",now just have to tweak
"output"settings...
(by the way,the interface is a navigator)
Thanks for everyones time....
73
Neil
AE1P

[Non-text portions of this message have been removed]

7146. Re: TS-850 and Digi-modes

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-06-02 01:19:39 UTC
From: ve3tmt
Topic: 7144 Message: 7146

--- In TS-850_450_690@yahoogroups.com, "ve3wej gmail" <ve3wej@...> wrote:
>
> reducing the mic gain, reduces the ssb output....
> i enter via the 13 pin acc jack on the rear, and control it by the
mic gain... rest of outpt set up as normal
>
>
> VE3WEJ
> Dave Garber

I agree with Dave. Leave the CAR on max, and adjust the output with
the mic gain. Of course the output level of your sound card will
determine where the mic gain needs to be set. Sliders on my sound card
out are about the halfway point and my mic gain at about 9:30 gets me
about 25-30 watts output. No need for anything higher on PSK.

If you are using true FSK not AFSK you will need to adjust the CAR
control to drop your power down.

Max
VE3TMT

7147. Re: [TS-850_450_690] Re: TS-850 and Digi-modes

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-06-02 01:30:09 UTC
From: Crownhaven
Topic: 7144 Message: 7147

I have never really noticed, I guess, but when using the ACC jack on the TS-850S, the levels are controlled via the front panel????? I am currently using my TS-870S for digital modes and the levels are menu driven.

Steve, N4JQQ

ve3tmt wrote:
>
> --- In TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>, "ve3wej gmail" <ve3wej@...>
> wrote:
> >
> > reducing the mic gain, reduces the ssb output....
> > i enter via the 13 pin acc jack on the rear, and control it by the
> mic gain... rest of outpt set up as normal
> >
> >
> > VE3WEJ
> > Dave Garber
>
> I agree with Dave. Leave the CAR on max, and adjust the output with
> the mic gain. Of course the output level of your sound card will
> determine where the mic gain needs to be set. Sliders on my sound card
> out are about the halfway point and my mic gain at about 9:30 gets me
> about 25-30 watts output. No need for anything higher on PSK.
>
> If you are using true FSK not AFSK you will need to adjust the CAR
> control to drop your power down.
>
> Max
> VE3TMT
>
>

7148. Re: [TS-850_450_690] Re: TS-850 and Digi-modes

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-06-02 01:40:57 UTC
From: Tom Osborne
Topic: 7144 Message: 7148

Hi Max et al

I have also found on my '450SAT that I can reduce the power with the carrier control, then when it is where I want it, I reduce the power until it starts to go down some more, then leave it there. That might be overkill though :-) 73
Tom W7WHY

>>
>> reducing the mic gain, reduces the ssb output....
>> i enter via the 13 pin acc jack on the rear, and control it by the
> mic gain... rest of outpt set up as normal
>>
>>
>> VE3WEJ
>> Dave Garber
>
> I agree with Dave. Leave the CAR on max, and adjust the output with
> the mic gain. Of course the output level of your sound card will
> determine where the mic gain needs to be set. Sliders on my sound card
> out are about the halfway point and my mic gain at about 9:30 gets me
> about 25-30 watts output. No need for anything higher on PSK.
>
> If you are using true FSK not AFSK you will need to adjust the CAR
> control to drop your power down.
>
> Max
> VE3TMT

7149. Re:Anyone get the Full Monty for B&B Tech.?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-07-22 14:42:31 UTC
From: Terry & Paula Bosse
Topic: 7149 Message: 7149

I sent my 850 in to Bill in Feb this year. He not only did the work quickly, but the radio is working better than ever, and his bill was slightly less than quoted. I am really pleased with the work he did, and he is great to deal with. He is quick to reapond to e-mails, and helped me get things cleared through customs both coming and going from Alberta.

Terry,
VE6TBH

[Non-text portions of this message have been removed]

7150. Missing Messages

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-07-22 16:51:16 UTC
From: Clif
Topic: 7150 Message: 7150

Am I seeing things or did we just loose 6 weeks worth of messages???

Clif

7151. Re: [TS-850_450_690] Anyone get the Full Monty for B&B Tech.?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-07-22 19:46:28 UTC
From: ve3wej gmail
Topic: 7149 Message: 7151

yes a local here did.....

VE3WEJ
Dave Garber

10-X # 23465
echolink # 52852
irlp node 2202
email ve3wej@...
----- Original Message -----
From: Dale
To: TS-850_450_690@yahoogroups.com
Sent: Monday, July 21, 2008 8:06 PM
Subject: [TS-850_450_690] Anyone get the Full Monty for B&B Tech.?

Hello all, I'll be sending my newly acquired TS-850S to B&B Tech to
get what they offer as the Full Monty, check it out on there website.
www.amateur-repairs.com

I figured I'd get this done and I should not have to worry about my
850Sat for a good long while. I'd like to hear from others here that
may have had the service done to their TS-850S. Anyone?

[Non-text portions of this message have been removed]

7152. Im Looking for Info On the TS-450S

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-07-24 16:10:35 UTC
From: racerthecat2003
Topic: 7152 Message: 7152

are There any Issues with this radio Im Looking to pick one up an the near future was looking at the TS-440S However the Dreaded Dots has Scared me away from that radio Im sure all radios have minor Issues

Im New to the Hobbie so I Guess Im asking for help finding a good model

Erik / KE7UYC

7153. Re: [TS-850_450_690] Im Looking for Info On the TS-450S

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-07-24 18:54:53 UTC
From: Fred Krick
Topic: 7152 Message: 7153

Hi Erik,
I have a TS - 690, which is the 450 with 6 meters added. I bought the rig used and have run the heck out of it. The only problems have been minor. I had a dirty t/r relay, had to lube the tuner because it squeaked, and had an intermittent trim cap on VFO 2. Don't listen to the naysayers, this is a great rig!
73
Fred N7FK

racerthecat2003 <racerthecat2003@...> wrote:
are There any Issues with this radio Im Looking to pick one up an the
near future was looking at the TS-440S However the Dreaded Dots has
Scared me away from that radio Im sure all radios have minor Issues

Im New to the Hobbie so I Guess Im asking for help finding a good model

Erik / KE7UYC

[Non-text portions of this message have been removed]

7154. Re: [TS-850_450_690] Im Looking for Info On the TS-450S

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-07-24 19:19:21 UTC
From: David Rust
Topic: 7152 Message: 7154

Eric, I would prefer the 450s if you can swing it. I know they are sometimes a little more money, but they have been a
very successful radio. The 440s seem to have their share of problems, but once in a while you run across someone that has
one that has had no problems. Like anything man made they can shoot craps at a time when you want one most.

Just my 2 cents worth.
73
Dave W0DLR

[Non-text portions of this message have been removed]

7155. Re: Im Looking for Info On the TS-450S

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-07-24 20:46:12 UTC
From: Roland Spoon
Topic: 7152 Message: 7155

Eric I have been using the TS-440S mobile for the past 3.5 years and not had one problem what so ever. I bought the rig off of EBay in exelcent condition with the box. I am thinking of upgrading the mobile as my pickup is only getting 14 mpg and need to down size the transportaion. If you are interested in a good 440 with a mobile mount. I will let mine go for 350 plus shipping.
73
Roland AH6RR

--- In TS-850_450_690@yahoogroups.com, "racerthecat2003" <racerthecat2003@...> wrote:
>
> are There any Issues with this radio Im Looking to pick one up an the
> near future was looking at the TS-440S However the Dreaded Dots has
> Scared me away from that radio Im sure all radios have minor Issues
>
> Im New to the Hobbie so I Guess Im asking for help finding a good model
>
> Erik / KE7UYC
>

7156. Re: [TS-850_450_690] Re: Im Looking for Info On the TS-450S

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-07-24 21:15:01 UTC
From: Scott Ingram
Topic: 7152 Message: 7156

Eric,

I have a TS-450 SAT and love it -- I got it from my father and then sent it out to be cleaned and calibrated. They also replaced the battery for me before if failed. It's a solid rig and I would recommend it to anyone as a starter rig.

Good luck and 73's
Scott W5LSU

> <racerthecat2003@...> wrote:
> >
> > are There any Issues with this radio Im Looking to pick one up an the
> > near future was looking at the TS-440S However the Dreaded Dots has
> > Scared me away from that radio Im sure all radios have minor Issues
> >
> > Im New to the Hobbie so I Guess Im asking for help finding a good
> model
> >
> > Erik / KE7UYC
> >
>
> __._
> .
>
>
>

[Non-text portions of this message have been removed]

7157. Re: [TS-850_450_690] Im Looking for Info On the TS-450S

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-07-24 21:02:21 UTC
From: Dennis Bombardiere
Topic: 7152 Message: 7157

I believe it is not if a 440 will have a problem, but when. The 440 problem is not a "minor" problem. Spend a little more money and get a good used 570. Dennis W8YS

----- Original Message -----
From: racerthecat2003
To: TS-850_450_690@yahoogroups.com
Sent: Thursday, July 24, 2008 12:10 PM
Subject: [TS-850_450_690] Im Looking for Info On the TS-450S

are There any Issues with this radio Im Looking to pick one up an the
near future was looking at the TS-440S However the Dreaded Dots has
Scared me away from that radio Im sure all radios have minor Issues

Im New to the Hobbie so I Guess Im asking for help finding a good model

Erik / KE7UYC

No virus found in this incoming message.
Checked by AVG - http://www.avg.com
Version: 8.0.138 / Virus Database: 270.5.4/1566 - Release Date: 7/22/2008 6:00 AM

[Non-text portions of this message have been removed]

7158. Re: [TS-850_450_690] Im Looking for Info On the TS-450S

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-07-25 03:27:37 UTC
From: Tom Osborne
Topic: 7152 Message: 7158

Hi Erik

I had a friend here in town who had one and it spent more time in the shop than on the air. He finally just quit using it and put it up for good. I guess it was something about how they were built--the soldering job--that made them pretty unreliable. 73
Tom W7WHY

> are There any Issues with this radio Im Looking to pick one up an the
> near future was looking at the TS-440S However the Dreaded Dots has
> Scared me away from that radio Im sure all radios have minor Issues
>
> Im New to the Hobbie so I Guess Im asking for help finding a good model
>
> Erik / KE7UYC
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>
>

7159. Re: [TS-850_450_690] Im Looking for Info On the TS-450S

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-07-25 03:29:31 UTC
From: Tom Osborne
Topic: 7152 Message: 7159

> Eric, I would prefer the 450s if you can swing it. I know they are
> sometimes a little more money, but they have been a
> very successful radio. The 440s seem to have their share of problems, but
> once in a while you run across someone that has
> one that has had no problems. Like anything man made they can shoot craps
> at a time when you want one most.
>
> Just my 2 cents worth.
> 73
> Dave W0DLR

Hi Dave

I agree wholehardedly. I have 2 of the '450SAT's here and really like them.
Been great radios. 73
Tom W7WHY

7160. TS-850 USB VS LSB

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-07-28 06:06:27 UTC
From: tim_luvs_dawn
Topic: 7160 Message: 7160

Hi,i am in need of some help here my ts 850 work's fine exept for the audio is much more smooth and louder on lsb than it is on usb..I know what your thinking but it's not the carrier point that has been checked,Can anyone put me in the right direction as i know it's just a simple alignment problem but other than the carrier point which has been ruled out i am lost..Like i said the radio puts out full power in both upper and lower ssb and sounds good as well it's just that i get much smoother audio reports on lsb than i do usb there is just enough difference for it to be noticed.Any help would be much appreciated..Thank's from KY4HTJ

7161. Re: TS-850 USB VS LSB

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-07-29 03:35:22 UTC
From: Dan Janda
Topic: 7160 Message: 7161

Hi,

You're talking about signal reports you get on your transmit audio,
right. Is the receiver working like you think it should, and just the
transmitter is misbehaving?

Dan
AA3LS

--- In TS-850_450_690@yahoogroups.com, "tim_luvs_dawn"
<tim_luvs_dawn@...> wrote:
>
> Hi,i am in need of some help here my ts 850 work's fine exept for the
> audio is much more smooth and louder on lsb than it is on usb..I know
> what your thinking but it's not the carrier point that has been
> checked,Can anyone put me in the right direction as i know it's just a
> simple alignment problem but other than the carrier point which has
> been ruled out i am lost..Like i said the radio puts out full power in
> both upper and lower ssb and sounds good as well it's just that i get
> much smoother audio reports on lsb than i do usb there is just enough
> difference for it to be noticed.Any help would be much
> appreciated..Thank's from KY4HTJ
>

7162. Re: TS-850 USB VS LSB

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-07-29 05:39:34 UTC
From: tim_luvs_dawn
Topic: 7160 Message: 7162

--- In TS-850_450_690@yahoogroups.com, "Dan Janda"
<birchardvilleobservatory@...> wrote:
>
> Hi,
>
> You're talking about signal reports you get on your transmit audio,
> right. Is the receiver working like you think it should, and just the
> transmitter is misbehaving?
>
> Dan
> AA3LS
>
> --- In TS-850_450_690@yahoogroups.com, "tim_luvs_dawn"
> <tim_luvs_dawn@> wrote:
> >
> > Hi,i am in need of some help here my ts 850 work's fine exept for the
> > audio is much more smooth and louder on lsb than it is on usb..I know
> > what your thinking but it's not the carrier point that has been
> > checked,Can anyone put me in the right direction as i know it's just a
> > simple alignment problem but other than the carrier point which has
> > been ruled out i am lost..Like i said the radio puts out full power in
> > both upper and lower ssb and sounds good as well it's just that i get
> > much smoother audio reports on lsb than i do usb there is just enough
> > difference for it to be noticed.Any help would be much
> > appreciated..Thank's from KY4HTJ
> >
>
Yes the transmitter only the reciever is perfect

7163. Re: TS-850 Intermittent Output Problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-07-29 15:15:09 UTC
From: martin beekhuis
Topic: 4402 Message: 7163

I also had problems power fluctuatios .
Like breathing
I choose the 2'methode from pa5ca
just replaced the 2 multivib transistors bij BC548 (non SMD)

http://www.qsl.net/k0bx/ts850flu.htm
http://www.qsl.net/k0bx/TS-850ALC2.htm

I took the PCB on the testbank an supplyed a DC via L605

In the original situation the oscillator was stable at 14 till 16
volt. (Did not increase more the voltage above 16 volt)
Voltage below 14 volt result in instable oscillations

Afer replacing the 2 transistor oscillator was stable from 6 volt till
16 volt

I put a picture in the foto area.

7164. ID-O-Matic Wiring to TS850S

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-07-31 04:29:14 UTC
From: sp600jx21
Topic: 7164 Message: 7164

Anyone using this kit by N0XAS with their '850? If so how did you wire it up? There are several ways to do so but just wanted to get ideas of how others went about it. I want to use it to key the rig and transmit CW ID by audio output. I prefer to connect through the back of the rig. Anyone using one of these? It is an easily built quality unit for $20. Any info will be greatly appreciated.

7165. Re: Im Looking for Info On the TS-450S

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-07-31 14:47:58 UTC
From: Steve Matda
Topic: 7152 Message: 7165

I've had a 450 for...14 years...and am the original owner. I've also used (and worked on) 440s.

The 450 is as solid a radio as they come. Drop in some filters and it becomes a heck of Digital and CW machine. Just keep the battery happy and it will do you well. If Kenwood had just put in a keyer..but I use a Vibroplex bug...so it's sort of a non-issue for me.

Now for the 440...definitely a rig that gets the job done, but you're going to have to climb under the hood with dental picks, a soldering iron, and a VOM.

Like someone said, it's not a matter of if a 440 is going to go turtle, it's a matter of when. It's a high-maintenance radio.

Steve, KE4MOB

--- In TS-850_450_690@yahoogroups.com, "Tom Osborne" <w7why@...> wrote:
>
>
>
>
> > Eric, I would prefer the 450s if you can swing it. I know they are
> > sometimes a little more money, but they have been a
> > very successful radio. The 440s seem to have their share of
problems, but
> > once in a while you run across someone that has
> > one that has had no problems. Like anything man made they can
shoot craps
> > at a time when you want one most.
> >
> > Just my 2 cents worth.
> > 73
> > Dave W0DLR
>
> Hi Dave
>
> I agree wholehardedly. I have 2 of the '450SAT's here and really
like them.
> Been great radios. 73
> Tom W7WHY
>

7166. Re: Im Looking for Info On the TS-450S

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-07-31 16:06:41 UTC
From: Clif
Topic: 7152 Message: 7166

I take exception to the statement they are all going to go bad. The
later runs of the 440's used hot glue for potting and were trouble
free as far as the "potting compound issue".

Clif

--- In TS-850_450_690@yahoogroups.com, "Steve Matda" <smatda@...> wrote:
>
> I've had a 450 for...14 years...and am the original owner. I've also
> used (and worked on) 440s.
>
> The 450 is as solid a radio as they come. Drop in some filters and it
> becomes a heck of Digital and CW machine. Just keep the battery happy
> and it will do you well. If Kenwood had just put in a keyer..but I
> use a Vibroplex bug...so it's sort of a non-issue for me.
>
> Now for the 440...definitely a rig that gets the job done, but you're
> going to have to climb under the hood with dental picks, a soldering
> iron, and a VOM.
>
> Like someone said, it's not a matter of if a 440 is going to go
> turtle, it's a matter of when. It's a high-maintenance radio.
>
> Steve, KE4MOB
>
> --- In TS-850_450_690@yahoogroups.com, "Tom Osborne" <w7why@> wrote:
> >
> >
> >
> >
> > > Eric, I would prefer the 450s if you can swing it. I know they are
> > > sometimes a little more money, but they have been a
> > > very successful radio. The 440s seem to have their share of
> problems, but
> > > once in a while you run across someone that has
> > > one that has had no problems. Like anything man made they can
> shoot craps
> > > at a time when you want one most.
> > >
> > > Just my 2 cents worth.
> > > 73
> > > Dave W0DLR
> >
> > Hi Dave
> >

> > I agree wholehardedly. I have 2 of the '450SAT's here and really
> like them.
> > Been great radios. 73
> > Tom W7WHY
> >
>

7167. Re: [TS-850_450_690] Re: Im Looking for Info On the TS-450S

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-07-31 16:13:56 UTC
From: Zack Widup
Topic: 7152 Message: 7167

I got a 440 some years ago, it had the dreaded "dots" problem (VCO unlock). I took the VCO boards out, removed ALL the components affected by the contact cement one or two at a time, cleaned the cement off and in a few cases replaced the components, put it back together and re-aligned it. Very tedious and time-consuming but I haven't had that trouble with it since.

I did have a sticky relay problem for a while but it cured itself.

73, Zack W9SZ

On Thu, 31 Jul 2008, Steve Matda wrote:

> I've had a 450 for...14 years...and am the original owner. I've also
> used (and worked on) 440s.
>
> The 450 is as solid a radio as they come. Drop in some filters and it
> becomes a heck of Digital and CW machine. Just keep the battery happy
> and it will do you well. If Kenwood had just put in a keyer..but I
> use a Vibroplex bug...so it's sort of a non-issue for me.
>
> Now for the 440...definitely a rig that gets the job done, but you're
> going to have to climb under the hood with dental picks, a soldering
> iron, and a VOM.
>
> Like someone said, it's not a matter of if a 440 is going to go
> turtle, it's a matter of when. It's a high-maintenance radio.
>
> Steve, KE4MOB
>
> --- In TS-850_450_690@yahoogroups.com, "Tom Osborne" <w7why@...> wrote:
>>
>>
>>
>>
>>> Eric, I would prefer the 450s if you can swing it. I know they are
>>> sometimes a little more money, but they have been a
>>> very successful radio. The 440s seem to have their share of
> problems, but
>>> once in a while you run across someone that has
>>> one that has had no problems. Like anything man made they can
> shoot craps
>>> at a time when you want one most.
>>>
>>> Just my 2 cents worth.
>>> 73

>>> Dave W0DLR
>>
>> Hi Dave
>>
>> I agree wholehardedly. I have 2 of the '450SAT's here and really
> like them.
>> Been great radios. 73
>> Tom W7WHY
>>
>
>
>

7168. Re: Im Looking for Info On the TS-450S

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-07-31 16:19:18 UTC
From: Roland Spoon
Topic: 7152 Message: 7168

Clif I agree with you my 440 has not missed a lick in the 3.5 to 4 years I have had it. The only problem I have had is from a aftermarket power cord pins not being the correct size therefore causing a low voltage problem (fixed with a factory power cord). Otherwise not one problem what so ever. It is a great rig.

Roland AH6RR

--- In TS-850_450_690@yahoogroups.com, "Clif" <clif@...> wrote:
>
> I take exception to the statement they are all going to go bad. The
> later runs of the 440's used hot glue for potting and were trouble
> free as far as the "potting compound issue".
>
> Clif
>
>
> --- In TS-850_450_690@yahoogroups.com, "Steve Matda" <smatda@>
wrote:
> >
> > I've had a 450 for...14 years...and am the original owner. I've
also
> > used (and worked on) 440s.
> >
> > The 450 is as solid a radio as they come. Drop in some filters
and it
> > becomes a heck of Digital and CW machine. Just keep the battery
happy
> > and it will do you well. If Kenwood had just put in a keyer..but
I
> > use a Vibroplex bug...so it's sort of a non-issue for me.
> >
> > Now for the 440...definitely a rig that gets the job done, but
you're
> > going to have to climb under the hood with dental picks, a
soldering
> > iron, and a VOM.
> >
> > Like someone said, it's not a matter of if a 440 is going to go
> > turtle, it's a matter of when. It's a high-maintenance radio.
> >
> > Steve, KE4MOB
> >
> > --- In TS-850_450_690@yahoogroups.com, "Tom Osborne" <w7why@>
wrote:

> > >
> > >
> > >
> > >
> > > > Eric, I would prefer the 450s if you can swing it. I know
they are
> > > > sometimes a little more money, but they have been a
> > > > very successful radio. The 440s seem to have their share of
> > problems, but
> > > > once in a while you run across someone that has
> > > > one that has had no problems. Like anything man made they can
> > shoot craps
> > > > at a time when you want one most.
> > > >
> > > > Just my 2 cents worth.
> > > > 73
> > > > Dave W0DLR
> > >
> > > Hi Dave
> > >
> > > I agree wholehardedly. I have 2 of the '450SAT's here and
really
> > like them.
> > > Been great radios. 73
> > > Tom W7WHY
> > >
> >
>

7169. Re: [TS-850_450_690] ID-O-Matic Wiring to TS850S

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-07-31 19:45:45 UTC
From: ve3wej gmail
Topic: 7164 Message: 7169

what does the website suggest, does it feed into mike audio (also called modulated cw, or does it plug into the cw key socket on the rig..

if it is MCW, then 13 pin is what I suggest.....
if it is cw jack, then no option available

VE3WEJ
Dave Garber

10-X # 23465
echolink # 52852
irlp node 2202
email ve3wej@...
----- Original Message -----
From: sp600jx21
To: TS-850_450_690@yahoogroups.com
Sent: Thursday, July 31, 2008 12:29 AM
Subject: [TS-850_450_690] ID-O-Matic Wiring to TS850S

Anyone using this kit by N0XAS with their '850? If so how did you
wire it up? There are several ways to do so but just wanted to get
ideas of how others went about it. I want to use it to key the rig
and transmit CW ID by audio output. I prefer to connect through the
back of the rig. Anyone using one of these? It is an easily built
quality unit for $20. Any info will be greatly appreciated.

[Non-text portions of this message have been removed]

7170. Re: ID-O-Matic Wiring to TS850S

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-08-01 16:45:06 UTC
From: sp600jx21
Topic: 7164 Message: 7170

Yes, MCW is what I intend to use. I plan on connecting it through
the 13 pin din, set the ID'er in repeater mode and have it ID
automatically while keying the '850. Just wanted to see what others
were doing, asking for tips and experiences. Thanks for your input.

>
> what does the website suggest, does it feed into mike audio (also
called modulated cw, or does it plug into the cw key socket on the rig..
>
> if it is MCW, then 13 pin is what I suggest.......
> if it is cw jack, then no option available
>
>
>
> VE3WEJ
> Dave Garber
>
> 10-X # 23465
> echolink # 52852
> irlp node 2202
> email ve3wej@...
> ----- Original Message -----
> From: sp600jx21
> To: TS-850_450_690@yahoogroups.com
> Sent: Thursday, July 31, 2008 12:29 AM
> Subject: [TS-850_450_690] ID-O-Matic Wiring to TS850S
>
>
> Anyone using this kit by N0XAS with their '850? If so how did you
> wire it up? There are several ways to do so but just wanted to get
> ideas of how others went about it. I want to use it to key the rig
> and transmit CW ID by audio output. I prefer to connect through the
> back of the rig. Anyone using one of these? It is an easily built
> quality unit for $20. Any info will be greatly appreciated.
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

7172. Re: [TS-850_450_690] FS: TS-850S w/ accessories **SOLD

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-08-02 22:40:16 UTC
From: Ken, KA0W
Topic: 7172 Message: 7172

Tthe 850s is sold.

73,

Have a great weekend!

Ken, KA0W

7173. Repaired!

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-08-03 16:39:51 UTC
From: ei3gsb
Topic: 7173 Message: 7173

Having successfully done the battery replacement job on my 850 and confirming that the radio still works(!) another job I'd like to do is to fix the M.CH/M.VFO knob. It doesn't 'step' through the frequencies smoothly, it kinda jumps and if I rotate it too quickly it only moves about 20 or 30Kc's.
Has anyone fixed this problem and if so do you have any tips? What is the part number of the knob?
Also, I may remove the tuner from the rig, is this an easy job?

Cheers,
Andrew

7174. Re: Repaired!

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-08-03 20:06:58 UTC
From: ei3gsb
Topic: 7173 Message: 7174

--- In TS-850_450_690@yahoogroups.com, "ei3gsb" <ei3gsb@...> wrote:
>
> Having successfully done the battery replacement job on my 850 and
> confirming that the radio still works(!) another job I'd like to do is
> to fix the M.CH/M.VFO knob. It doesn't 'step' through the frequencies
> smoothly, it kinda jumps and if I rotate it too quickly it only moves
> about 20 or 30Kc's.
> Has anyone fixed this problem and if so do you have any tips? What is
> the part number of the knob?
> Also, I may remove the tuner from the rig, is this an easy job?
>
> Cheers,
> Andrew

I meant the M.CH/VFO.CH knob...

7175. New member and Filter Questions

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-08-04 14:59:05 UTC
From: elliot_carver37
Topic: 7175 Message: 7175

Hey everybody, I'd like to introduce myself, Tom W0EA to the group. I just picked up a TS-850s at a hamfest yesterday and I'm excited to get to know more about it and its cool features. I'm 21 years old and I've been a ham since 2003 and been using an FT890 almost that whole time. So far the 850s seems to do a great job of pulling signals out of the aether so that is certainly exciting! One thing I'd like to do is see about putting some of the optional filters in there. I am thinking maybe 400hz cw filters (I do about 90% CW) but the INRAD ones are way too expensive. I was wondering if you guys knew of a way to "homebrew" a set perhaps. I'm also planning on doing the "tuner in RX" mod since I've always wanted that and it looks super easy.

Anyhow, I think that's enough for now. Hope you guys have some info to share on the Filter front!

Thanks and 73,
Tom
W0EA

7176. Re: [TS-850_450_690] New member and Filter Questions

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-08-04 15:57:11 UTC
From: Zack Widup
Topic: 7175 Message: 7176

Hi Tom,

The INRAD filters are well worth the money. But one recommendation is to keep an eye out on this group and also on eBay or eHAM.net for some deals. Every once in a while some show up a little cheaper.

73, Zack W9SZ

On Mon, 4 Aug 2008, elliot_carver37 wrote:

> Hey everybody, I'd like to introduce myself, Tom W0EA to the group. I
> just picked up a TS-850s at a hamfest yesterday and I'm excited to get
> to know more about it and its cool features. I'm 21 years old and
> I've been a ham since 2003 and been using an FT890 almost that whole
> time. So far the 850s seems to do a great job of pulling signals out
> of the aether so that is certainly exciting! One thing I'd like to do
> is see about putting some of the optional filters in there. I am
> thinking maybe 400hz cw filters (I do about 90% CW) but the INRAD ones
> are way too expensive. I was wondering if you guys knew of a way to
> "homebrew" a set perhaps. I'm also planning on doing the "tuner in
> RX" mod since I've always wanted that and it looks super easy.
>
> Anyhow, I think that's enough for now. Hope you guys have some info
> to share on the Filter front!
>
> Thanks and 73,
> Tom
> W0EA
>
>

7177. Re: [TS-850_450_690] New member and Filter Questions

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-08-04 16:44:57 UTC
From: Tom Osborne
Topic: 7175 Message: 7177

HI Zack et al.

Also QTH.com has a lot of them for sale. That's another good spot to check.
73
Tom W7WHY

>
> Hi Tom,
>
> The INRAD filters are well worth the money. But one recommendation is to
> keep an eye out on this group and also on eBay or eHAM.net for some deals.
> Every once in a while some show up a little cheaper.
>
> 73, Zack W9SZ
>
> On Mon, 4 Aug 2008, elliot_carver37 wrote:
One thing I'd like to do
>> is see about putting some of the optional filters in there. I am
>> thinking maybe 400hz cw filters (I do about 90% CW) but the INRAD ones
>> are way too expensive.

7178. Re: Repaired!

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-08-04 17:45:36 UTC
From: merckxist
Topic: 7173 Message: 7178

--- In TS-850_450_690@yahoogroups.com, "ei3gsb" <ei3gsb@...> wrote:
>
> Having successfully done the battery replacement job on my 850 and
> confirming that the radio still works(!) another job I'd like to do is
> to fix the M.CH/M.VFO knob. It doesn't 'step' through the frequencies
> smoothly, it kinda jumps and if I rotate it too quickly it only moves
> about 20 or 30Kc's.
> Has anyone fixed this problem and if so do you have any tips? What is
> the part number of the knob?
> Also, I may remove the tuner from the rig, is this an easy job?
>
> Cheers,
> Andrew

I had a similar problem on my TS-850 with the M.CHAN/VFO CHAN, jumping,
erratic operation.On the advice of Bill, K0ZL, I used "Cailube
MCL"(moving contact lubricant).A couple of quick squirts down the
shaft, and good as new.This product has since been
renamed "Faderlube".See: www.caig.com/.The problem might be getting
it.I had to order it direct from the manufacturer, no one here
(Albuquerque, NM) had it, or had even heard of it.
Al
KJ5GT

7179. Re: [TS-850_450_690] Re: Repaired!

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-08-04 19:03:34 UTC
From: Paul Manuel
Topic: 7173 Message: 7179

--- On Mon, 8/4/08, merckxist <kj5gt@...> wrote:
> On the advice of Bill, K0ZL, I used
> "Cailube
> MCL"(moving contact lubricant).A couple of quick
> squirts down the
> shaft, and good as new.This product has since been
> renamed "Faderlube".See: www.caig.com/.The
> problem might be getting
> it.I had to order it direct from the manufacturer, no one
> here
> (Albuquerque, NM) had it, or had even heard of it.

MCM shows it in stock.

http://www.mcmelectronics.com/search.aspx?C=&K=faderlube

73, Paul K4PDM

7180. So I'm cleaning my radio...

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-08-05 22:06:34 UTC
From: elliot_carver37
Topic: 7180 Message: 7180

And I find that D16 - that notorious diode in the Receive path is completely missing! Is that bad? Is that basically the same as a blown up one? Also on the final amps, only one has thermal grease on it with a thermocouple, the other one is bare with no thermalcouple which I thought was kind of odd. I put some thermal grease on the bare one, but it still has no thermocouple...

Thats all the oddities I've run into so far... hopefully there wont be any more!

Tom
W0EA

7181. Re: So I'm cleaning my radio...

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-08-06 17:24:44 UTC
From: Clif
Topic: 7180 Message: 7181

Are you sure you're looking at D16, it's in the output of the <500kHz
rx filter????

Thermal grease is only on the one with the temp protection diode on
it. Why put grease on the top of a transistor to couple to nothing?

No oddities so far...

Clif

--- In TS-850_450_690@yahoogroups.com, "elliot_carver37" <tcamp1@...>
wrote:
>
> And I find that D16 - that notorious diode in the Receive path is
> completely missing! Is that bad? Is that basically the same as a
> blown up one? Also on the final amps, only one has thermal grease on
> it with a thermocouple, the other one is bare with no thermalcouple
> which I thought was kind of odd. I put some thermal grease on the
> bare one, but it still has no thermocouple...
>
> Thats all the oddities I've run into so far... hopefully there wont be
> any more!
>
> Tom
> W0EA
>

7182. Re: So I'm cleaning my radio...

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-08-06 23:41:43 UTC
From: elliot_carver37
Topic: 7180 Message: 7182

I'm referring to the absorber diode on the little board near the filter board on the antenna connector. I also have pretty low RX sensitivity (only 1 or 2 signals on any band that give me s-meter deflection) though it seems my TX works fine as I have worked over 10 stations with the radio with good reports (including DX).

--- In TS-850_450_690@yahoogroups.com, "Clif" <clif@...> wrote:
>
> Are you sure you're looking at D16, it's in the output of the <500kHz
> rx filter????
>
> Thermal grease is only on the one with the temp protection diode on
> it. Why put grease on the top of a transistor to couple to nothing?
>
> No oddities so far...
>
> Clif
>
>
> --- In TS-850_450_690@yahoogroups.com, "elliot_carver37" <tcamp1@>
> wrote:
> >
> > And I find that D16 - that notorious diode in the Receive path is
> > completely missing! Is that bad? Is that basically the same as a
> > blown up one? Also on the final amps, only one has thermal grease on
> > it with a thermocouple, the other one is bare with no thermalcouple
> > which I thought was kind of odd. I put some thermal grease on the
> > bare one, but it still has no thermocouple...
> >
> > Thats all the oddities I've run into so far... hopefully there wont be
> > any more!
> >
> > Tom
> > W0EA
> >
>

7183. RE: [TS-850_450_690] Re: So I'm cleaning my radio...

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-08-07 07:31:11 UTC
From: Allan
Topic: 7180 Message: 7183

Hi all,
>I also have pretty low RX sensitivity (only 1 or 2 signals on any band that give me s-meter
>deflection) though it seems my TX works fine as I have worked over 10 stations with the radio with good reports (including DX).
I have also this little problem a 2 signal on s-meter difference on my 850's RX but the TX is 100% ok.
If someone have any suggestions, many thanks,
Regards
Allan

> -----Message d'origine-----
> De : TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com] De la part de elliot_carver37
> Envoyé : jeudi 7 août 2008 01:42
> À : TS-850_450_690@yahoogroups.com
> Objet : [TS-850_450_690] Re: So I'm cleaning my radio...
>
> I'm referring to the absorber diode on the little board near the
> filter board on the antenna connector. I also have pretty low RX
> sensitivity (only 1 or 2 signals on any band that give me s-meter
> deflection) though it seems my TX works fine as I have worked over 10
> stations with the radio with good reports (including DX).
>
>
> --- In TS-850_450_690@yahoogroups.com, "Clif" <clif@...> wrote:
> >
> > Are you sure you're looking at D16, it's in the output of the <500kHz
> > rx filter????
> >
> > Thermal grease is only on the one with the temp protection diode on
> > it. Why put grease on the top of a transistor to couple to nothing?
> >
> > No oddities so far...
> >
> > Clif
> >
> >
> > --- In TS-850_450_690@yahoogroups.com, "elliot_carver37" <tcamp1@>
> > wrote:
> > >
> > > And I find that D16 - that notorious diode in the Receive path is
> > > completely missing! Is that bad? Is that basically the same as a
> > > blown up one? Also on the final amps, only one has thermal grease
> on

> > > it with a thermocouple, the other one is bare with no thermalcouple
> > > which I thought was kind of odd. I put some thermal grease on the
> > > bare one, but it still has no thermocouple...
> > >
> > > Thats all the oddities I've run into so far... hopefully there wont
> be
> > > any more!
> > >
> > > Tom
> > > W0EA
> > >
> >
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>

7184. Re: Repaired!

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-08-07 13:51:07 UTC
From: ei3gsb
Topic: 7173 Message: 7184

--- In TS-850_450_690@yahoogroups.com, "ei3gsb" <ei3gsb@...> wrote:
>
> Having successfully done the battery replacement job on my 850 and
> confirming that the radio still works(!) another job I'd like to do is
> to fix the M.CH/M.VFO knob. It doesn't 'step' through the frequencies
> smoothly, it kinda jumps and if I rotate it too quickly it only moves
> about 20 or 30Kc's.
> Has anyone fixed this problem and if so do you have any tips? What is
> the part number of the knob?
> Also, I may remove the tuner from the rig, is this an easy job?
>
> Cheers,
> Andrew
>

Thanks to those who replied! I've ordered some lubricant from a
European outlet so hopefully I should have the problem solved fairly soon!

Cheers,
Andrew

7185. Looking for INRAD #95

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-08-09 21:40:11 UTC
From: Crownhaven
Topic: 7185 Message: 7185

Looking for INRAD #95 with board for TS-850. Will trade INRAD #22, 250 Hz.

Steve, N4JQQ

7186. TS850sat - display problems + CW/FSK key - mods done. Any advice Please.

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-08-12 19:30:55 UTC
From: m0ajm
Topic: 7186 Message: 7186

Hi There - wonder if anyone can help with the following please.

Like lots of the members with the TS850, the display went on mine with the usual scrambled didgets. I found that C18 was leaking just a small amount, so changed all the caps on that board. I also did the battery mod as well.

Unfortunately the display has not come back, even after a reset.

So hope someone can point me in the right direction to start looking for a solution. I have read that the Car board can give problems as well, but not sure if this is the right place to start.

Any advice would be most appreciated.
PS
Just noticed that when I touch the CW/FSK key, it gives a short beep and changes the display and Filter display. The meter side of the display is uneffected. Not more trouble I hope. Hi.

Thanks again for any input on this please.

73 de Jerry - m0ajm in sunny Langley

--

7187. Re: [TS-850_450_690] TS850sat - display problems + CW/FSK key - mods done. Any advice Please.

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-08-12 23:44:46 UTC
From: David Rust
Topic: 7186 Message: 7187

73 de Jerry - m0ajm in sunny Langley
Jerry, my display did not come back either after the cap change. I watched the well known spot for radios and parts, etc.
and purchased a display for $120. shipped. When I put it in it worked perfect.

I had a little mishap with the soldering iron while attempting to replace the cap on the first one, and wrecked the socket where the ribbon cable plugged in. I tried repairing it as good as possible, but I think that was where my problem was after the cap replacement. I hope you are able to repair yours, if, in the meantime, you have a computer, download Ham Radio Deluxe and run it with your computer. I did that for a couple weeks and it works fine. You can take the display board completely out and it will work with HRD.

73 good luck, Dave W0DLR

[Non-text portions of this message have been removed]

7188. Re: TS850sat - display problems + CW/FSK key - mods done. Any advice Please.

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-08-13 01:04:27 UTC
From: Roland Spoon
Topic: 7186 Message: 7188

Aloha Jerry,

Right under C18 (not the solder side) where the +side of the cap
lead where the cap leaks there is 2 traces that come together on the
+ side of C18. Make sure that they are both making contact I just did
a buddies 850 that was doing the same thing.
Gook luck
Roland AH6RR

--- In TS-850_450_690@yahoogroups.com, "m0ajm" <m0ajm@...> wrote:
>
> Hi There - wonder if anyone can help with the following please.
>
> Like lots of the members with the TS850, the display went on mine
> with the usual scrambled didgets. I found that C18 was leaking
just
> a small amount, so changed all the caps on that board. I also did
> the battery mod as well.
>
> Unfortunately the display has not come back, even after a reset.
>
> So hope someone can point me in the right direction to start
looking
> for a solution. I have read that the Car board can give problems
as
> well, but not sure if this is the right place to start.
>
> Any advice would be most appreciated.
> PS
> Just noticed that when I touch the CW/FSK key, it gives a short
beep
> and changes the display and Filter display. The meter side of the
> display is uneffected. Not more trouble I hope. Hi.
>
> Thanks again for any input on this please.
>
> 73 de Jerry - m0ajm in sunny Langley
>
>
> --
>

7189. Re: TS850sat - display problems + CW/FSK key - mods done. Any advice Please.

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-08-13 01:16:05 UTC
From: Clif
Topic: 7186 Message: 7189

Ok, define the problem?

1. No display, usually C18 and the thru hole under it.
2. Scrambled display, corrupt data usually caused by a leaking battery.
3. Dots in the display, caused by a PLL unlock situation.

Clif

--- In TS-850_450_690@yahoogroups.com, "m0ajm" <m0ajm@...> wrote:
>
> Hi There - wonder if anyone can help with the following please.
>
> Like lots of the members with the TS850, the display went on mine
> with the usual scrambled didgets. I found that C18 was leaking just
> a small amount, so changed all the caps on that board. I also did
> the battery mod as well.
>
> Unfortunately the display has not come back, even after a reset.
>
> So hope someone can point me in the right direction to start looking
> for a solution. I have read that the Car board can give problems as
> well, but not sure if this is the right place to start.
>
> Any advice would be most appreciated.
> PS
> Just noticed that when I touch the CW/FSK key, it gives a short beep
> and changes the display and Filter display. The meter side of the
> display is uneffected. Not more trouble I hope. Hi.
>
> Thanks again for any input on this please.
>
> 73 de Jerry - m0ajm in sunny Langley
>
>
> --
>

7190. Reply:- Re: TS850sat - display problems + CW/FSK key - mods done.

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-08-13 07:41:44 UTC
From: m0ajm
Topic: 7186 Message: 7190

Many thanks Guy's for your input, most appreciated.

Will have another go at it today and report back when
the job is done.

Tks agn - 73 fm Jerry - m0ajm in sunny Langley

--

7191. Receivers: TS830 vs TS850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-08-13 18:41:26 UTC
From: John AA5JG
Topic: 7191 Message: 7191

I have recently stumbled upon a couple of messages and radio reviews that suggest that the Kenwood TS830S has a better overall receiver than the TS850. Now I thought that the 850 has one of the best receivers ever. Is this true, does the 830 really have an even better receiver?

73s John AA5JG

_____

7192. TS690S Data/Accessory jack

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-08-13 19:05:10 UTC
From: tracy033
Topic: 7192 Message: 7192

I am trying to use my rig for PSK31 and other digital modes. I am not able to key the xcvr via the computer. I can key it manually. Does anybody know if the data/accessory port needs to be manually turned on via radio controls or menu options? I have looked through the radios manual and do not see anything about it (unless I missed or overlooked it).

Thanks for any help

Tracy KE7ORS

7193. Re: [TS-850_450_690] TS690S Data/Accessory jack

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-08-13 19:41:14 UTC
From: ve3wej gmail
Topic: 7192 Message: 7193

is you device showing ptt, but the radio is not keying???? are you using a usb to serial adapter, (update your driver)

what device are you using...mfj.rigblaster...homebrew, or other

VE3WEJ
Dave Garber

10-X # 23465
echolink # 52852
irlp node 2202
email ve3wej@...
----- Original Message -----
From: tracy033
To: TS-850_450_690@yahoogroups.com
Sent: Wednesday, August 13, 2008 3:05 PM
Subject: [TS-850_450_690] TS690S Data/Accessory jack

I am trying to use my rig for PSK31 and other digital modes. I am not able to key the xcvr via the computer. I can key it manually. Does anybody know if the data/accessory port needs to be manually turned on via radio controls or menu options? I have looked through the radios manual and do not see anything about it (unless I missed or overlooked it).

Thanks for any help

Tracy KE7ORS

[Non-text portions of this message have been removed]

7194. Re: [TS-850_450_690] TS690S Data/Accessory jack

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-08-13 19:44:34 UTC
From: ve3wej gmail
Topic: 7192 Message: 7194

what device, is your device indicated ptt (via l.e.d.), and still not transmitting... incorrectly wired

is it not indicating, then wrong com port

device make and model would help , wiring in manual is almost the same for all kenwoods

ts440 is pin for ptt with diode to pin 13, but some device do not allow that

VE3WEJ
Dave Garber

10-X # 23465
echolink # 52852
irlp node 2202
email ve3wej@...
----- Original Message -----
From: tracy033
To: TS-850_450_690@yahoogroups.com
Sent: Wednesday, August 13, 2008 3:05 PM
Subject: [TS-850_450_690] TS690S Data/Accessory jack

I am trying to use my rig for PSK31 and other digital modes. I am not able to key the xcvr via the computer. I can key it manually. Does anybody know if the data/accessory port needs to be manually turned on via radio controls or menu options? I have looked through the radios manual and do not see anything about it (unless I missed or overlooked it).

Thanks for any help

Tracy KE7ORS

[Non-text portions of this message have been removed]

7195. Re: TS690S Data/Accessory jack

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-08-13 19:58:58 UTC
From: g3liv
Topic: 7192 Message: 7195

--- In TS-850_450_690@yahoogroups.com, "tracy033" <tracy033@...> wrote:
>
> I am trying to use my rig for PSK31 and other digital modes. I am not
> able to key the xcvr via the computer. I can key it manually. Does
> anybody know if the data/accessory port needs to be manually turned
on
> via radio controls or menu options? I have looked through the radios
> manual and do not see anything about it (unless I missed or
overlooked
> it).
>
> Thanks for any help
>
> Tracy KE7ORS

Hi Tracy,
That rig has the standard 13 pin Din ACC2 port.

Connections are

Pins 4-8-12 all grounded
Pin 11 has TX audio tones into it.
Pin 3 has RX audio out to the soundboard.
Pin 9 is the usual DATA PTT this mutes the mike if used.

If your connections are correct.
Then check your COMs port number is correct if you are using
the 9 Pin Coms port.
If you are running from a USB with an RS232 adaptor cable you
need drivers added and again the Coms port number set up.

Whiche program are you using
I always. suggest DIGPAN to my customers to get started on.
Are you using an OPTO or a relay for PTT switching

Email me diect if you need more help johnny@...
see www.g3liv.co.uk

73 de Johnny.

7196. Re: [TS-850_450_690] Receivers: TS830 vs TS850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-08-13 19:59:20 UTC
From: Zack Widup
Topic: 7191 Message: 7196

I only used an 830 once for a couple hours on FD; never for an extended period of time.

I'm awfully impressed with the 850's receive though.

We had a contesting club get-together last Saturday and several programs were presented. One ham talked about working one of the 160 contests last winter and getting lots of messages from EU stations that they were hearing him but why didn't he work them? He was using an FT1000MP. So he dug out his R4B (I think) and compared them side-by-side. The Drake heard LOTS of signals the MP couldn't even detect. That's pretty disappointing!

I wonder how the 850 stacks up to the Drake line?

73, Zack W9SZ

On Wed, 13 Aug 2008, John AA5JG wrote:

> I have recently stumbled upon a couple of messages and radio reviews that suggest that the Kenwood TS830S has a better overall receiver than the TS850. Now I thought that the 850 has one of the best receivers ever. Is this true, does the 830 really have an even better receiver?
>
> 73s John AA5JG
>

7197. Re: TS690S Data/Accessory jack

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-08-13 20:39:20 UTC
From: tracy033
Topic: 7192 Message: 7197

Hi Johnny,

I am using a Rigblaster Plug and Play. When I key from the computer the PTT light activates and I hear keying from my headset (which is plugged into the Rigblaster). For some reason the keying is not getting to the Xcvr. Windows (Vista Home Basic) assigns it to Comm Port 7. Ihave been trying this with Digipan, WinPsk and several others. I get the same result with all.

Thanks for help and any other that you might think of.

Tracy KE7ORS

--- In TS-850_450_690@yahoogroups.com, "g3liv" <johnny@...> wrote:
>
> --- In TS-850_450_690@yahoogroups.com, "tracy033" <tracy033@>
wrote:
> >
> > I am trying to use my rig for PSK31 and other digital modes. I
am not
> > able to key the xcvr via the computer. I can key it manually.
Does
> > anybody know if the data/accessory port needs to be manually
turned
> on
> > via radio controls or menu options? I have looked through the
radios
> > manual and do not see anything about it (unless I missed or
> overlooked
> > it).
> >
> > Thanks for any help
> >
> > Tracy KE7ORS
>
> Hi Tracy,
> That rig has the standard 13 pin Din ACC2 port.
>
> Connections are
>
> Pins 4-8-12 all grounded
> Pin 11 has TX audio tones into it.
> Pin 3 has RX audio out to the soundboard.
> Pin 9 is the usual DATA PTT this mutes the mike if used.
>
> If your connections are correct.

> Then check your COMs port number is correct if you are using
> the 9 Pin Coms port.
> If you are running from a USB with an RS232 adaptor cable you
> need drivers added and again the Coms port number set up.
>
> Whiche program are you using
> I always. suggest DIGPAN to my customers to get started on.
> Are you using an OPTO or a relay for PTT switching
>
> Email me diect if you need more help johnny@...
> see www.g3liv.co.uk
>
> 73 de Johnny.
>

7198. Re: TS690S Data/Accessory jack

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-08-13 20:43:16 UTC
From: tracy033
Topic: 7192 Message: 7198

Hi Dave,

I am using a RIgblaster Plug and Play. Using a USB plug into the laptop. Dell Inspiron 1501. The Rigblaster shows PTT light, and I can hear good sigs from the computer but the sigs are not getting to the radio.

Tracy KE7ORS

--- In TS-850_450_690@yahoogroups.com, "ve3wej gmail" <ve3wej@...> wrote:
>
> is you device showing ptt, but the radio is not keying???? are you using a usb to serial adapter, (update your driver)
>
> what device are you using...mfj.rigblaster...homebrew, or other
>
>
> VE3WEJ
> Dave Garber
>
> 10-X # 23465
> echolink # 52852
> irlp node 2202
> email ve3wej@...
> ----- Original Message -----
> From: tracy033
> To: TS-850_450_690@yahoogroups.com
> Sent: Wednesday, August 13, 2008 3:05 PM
> Subject: [TS-850_450_690] TS690S Data/Accessory jack
>
>
> I am trying to use my rig for PSK31 and other digital modes. I am not
> able to key the xcvr via the computer. I can key it manually. Does
> anybody know if the data/accessory port needs to be manually turned on
> via radio controls or menu options? I have looked through the radios
> manual and do not see anything about it (unless I missed or overlooked
> it).
>
> Thanks for any help
>

> Tracy KE7ORS
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

7199. Re: [TS-850_450_690] Receivers: TS830 vs TS850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-08-13 21:29:45 UTC
From: Crownhaven
Topic: 7191 Message: 7199

You would be splitting hairs. My first radio was a TS-830S. It had a fine receiver. No phase noise. The TS-940S reportedly had lots of phase noise. The TS-850S is as good, if not better than the 830. Like I said, you would be splitting hairs. The only thing I didn't like about the 850 was its inability to drive my amp to the point that the 830 would.

Steve, N4JQQ

John AA5JG wrote:
>
> I have recently stumbled upon a couple of messages and radio reviews
> that suggest that the Kenwood TS830S has a better overall receiver
> than the TS850. Now I thought that the 850 has one of the best
> receivers ever. Is this true, does the 830 really have an even better
> receiver?
>
> 73s John AA5JG
>
> ~~~~~~
>
>

7200. Re: TS690S Data/Accessory jack

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-08-13 21:26:39 UTC
From: Roland Spoon
Topic: 7192 Message: 7200

Have you tried VOX?

Just a thought
Roland AH6RR

--- In TS-850_450_690@yahoogroups.com, "tracy033" <tracy033@...>
wrote:
>
> Hi Dave,
>
> I am using a RIgblaster Plug and Play. Using a USB plug into the
> laptop. Dell Inspiron 1501. The Rigblaster shows PTT light, and I
> can hear good sigs from the computer but the sigs are not getting
to
> the radio.
>
> Tracy KE7ORS
>
>
> --- In TS-850_450_690@yahoogroups.com, "ve3wej gmail" <ve3wej@>
> wrote:
> >
> > is you device showing ptt, but the radio is not keying???? are
you
> using a usb to serial adapter, (update your driver)
> >
> > what device are you using...mfj.rigblaster...homebrew, or other
> >
> >
> > VE3WEJ
> > Dave Garber
> >
> > 10-X # 23465
> > echolink # 52852
> > irlp node 2202
> > email ve3wej@
> > ----- Original Message -----
> > From: tracy033
> > To: TS-850_450_690@yahoogroups.com
> > Sent: Wednesday, August 13, 2008 3:05 PM
> > Subject: [TS-850_450_690] TS690S Data/Accessory jack
> >
> >
> > I am trying to use my rig for PSK31 and other digital modes. I
> am not

> > able to key the xcvr via the computer. I can key it manually.
> Does
> > anybody know if the data/accessory port needs to be manually
> turned on
> > via radio controls or menu options? I have looked through the
> radios
> > manual and do not see anything about it (unless I missed or
> overlooked
> > it).
> >
> > Thanks for any help
> >
> > Tracy KE7ORS
> >
> >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>

7201. Re: [TS-850_450_690] Re: TS690S Data/Accessory jack

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-08-13 21:22:12 UTC
From: mblazek@bellsouth.net
Topic: 7192 Message: 7201

Hi, Tracy:

If you're getting a PTT light on the Rigblaster, my first thought is a defect in the keying circuit/wiring harness on the Rigblaster itself, or a problem with the ACC jack on the radio. Have you checked to see that you have continuity between the PTT pin and ground on the Rigblasters plug while the PTT light is on? I've used a Rigblaster Pro with my 690, but I used the mic jack for audio in and PTT.

Mike N5UKZ
-------------- Original message from "tracy033" <tracy033@...>: --------------

Hi Dave,

I am using a RIgblaster Plug and Play. Using a USB plug into the
laptop. Dell Inspiron 1501. The Rigblaster shows PTT light, and I
can hear good sigs from the computer but the sigs are not getting to
the radio.

Tracy KE7ORS

--- In TS-850_450_690@yahoogroups.com, "ve3wej gmail" <ve3wej@...>
wrote:
>
> is you device showing ptt, but the radio is not keying???? are you
using a usb to serial adapter, (update your driver)
>
> what device are you using...mfj.rigblaster...homebrew, or other
>
>
> VE3WEJ
> Dave Garber
>
> 10-X # 23465
> echolink # 52852
> irlp node 2202
> email ve3wej@...
> ----- Original Message -----
> From: tracy033
> To: TS-850_450_690@yahoogroups.com
> Sent: Wednesday, August 13, 2008 3:05 PM
> Subject: [TS-850_450_690] TS690S Data/Accessory jack
>
>
> I am trying to use my rig for PSK31 and other digital modes. I
am not
> able to key the xcvr via the computer. I can key it manually.

Does
> anybody know if the data/accessory port needs to be manually
turned on
> via radio controls or menu options? I have looked through the
radios
> manual and do not see anything about it (unless I missed or
overlooked
> it).
>
> Thanks for any help
>
> Tracy KE7ORS
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

7202. Re: TS690S Data/Accessory jack

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-08-13 21:53:39 UTC
From: tracy033
Topic: 7192 Message: 7202

Hi Roland,

I just tried that and it works!..I would like for the equipment to
do the job though. I will use your idea for the time being.
Thanks for the idea!

Tracy KE7ORS

--- In TS-850_450_690@yahoogroups.com, "Roland Spoon"
<Toesonnose@...> wrote:
>
> Have you tried VOX?
>
> Just a thought
> Roland AH6RR
>
>
> --- In TS-850_450_690@yahoogroups.com, "tracy033" <tracy033@>
> wrote:
> >
> > Hi Dave,
> >
> > I am using a RIgblaster Plug and Play. Using a USB plug into
the
> > laptop. Dell Inspiron 1501. The Rigblaster shows PTT light, and
I
> > can hear good sigs from the computer but the sigs are not
getting
> to
> > the radio.
> >
> > Tracy KE7ORS
> >
> >
> > --- In TS-850_450_690@yahoogroups.com, "ve3wej gmail" <ve3wej@>
> > wrote:
> > >
> > > is you device showing ptt, but the radio is not keying???? are
> you
> > using a usb to serial adapter, (update your driver)
> > >
> > > what device are you using...mfj.rigblaster...homebrew, or other
> > >
> > >
> > > VE3WEJ
> > > Dave Garber

> > >
> > > 10-X # 23465
> > > echolink # 52852
> > > irlp node 2202
> > > email ve3wej@
> > > ----- Original Message -----
> > > From: tracy033
> > > To: TS-850_450_690@yahoogroups.com
> > > Sent: Wednesday, August 13, 2008 3:05 PM
> > > Subject: [TS-850_450_690] TS690S Data/Accessory jack
> > >
> > >
> > > I am trying to use my rig for PSK31 and other digital modes.
I
> > am not
> > > able to key the xcvr via the computer. I can key it
manually.
> > Does
> > > anybody know if the data/accessory port needs to be manually
> > turned on
> > > via radio controls or menu options? I have looked through
the
> > radios
> > > manual and do not see anything about it (unless I missed or
> > overlooked
> > > it).
> > >
> > > Thanks for any help
> > >
> > > Tracy KE7ORS
> > >
> > >
> > >
> > >
> > >
> > > [Non-text portions of this message have been removed]
> > >
> >
>

7203. Re: TS690S Data/Accessory jack

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-08-13 21:54:21 UTC
From: g3liv
Topic: 7192 Message: 7203

--- In TS-850_450_690@yahoogroups.com, "tracy033" <tracy033@...>
wrote:
>
> Hi Johnny,
>
> I am using a Rigblaster Plug and Play. When I key from the computer
> the PTT light activates and I hear keying from my headset (which is
> plugged into the Rigblaster). For some reason the keying is not
> getting to the Xcvr. Windows (Vista Home Basic) assigns it to Comm
> Port 7. Ihave been trying this with Digipan, WinPsk and several
> others. I get the same result with all.
>
> Thanks for help and any other that you might think of.
>
> Tracy KE7ORS
>

Hi Again.

When you say the "PTT light activates " do you mean on the
Rigblaster ?

If thats so does the RED ON AIR LIGHT go ON on the TS-850 front panel
I take it, it does not..

You say you hear the Keying in the headphones.
Thats Audio Tones generated within the software progam that should
get
to the pin 11 on the 13 pin. And drive the rig in to RF output.
PTT is a change of state fron NEG volts on Receive to PLUS volts on
TX.

Is Rigblaster using the MIKE INPUT or the 13 pin on the rear.?.

If the PTT is a seperate socket on the back of the Rigblaster can
you put a meter acros it " reading OHMS " if so does it go near short
circuit if you select TX on your Program of choice.

Get back to me again I am in UK so its near 2300BST now so next reply
will be AM Uk time.

VOX is not a good way to go.

de Johnny G3LIV

7204. Re: TS690S Data/Accessory jack

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-08-13 22:47:46 UTC
From: tracy033
Topic: 7192 Message: 7204

Hi Mike,

I have not done any continuity testing yet. I will start to do that and report back later. Thanks

Tracy KE7ORS

--- In TS-850_450_690@yahoogroups.com, mblazek@... wrote:
>
>
> Hi, Tracy:
>
> If you're getting a PTT light on the Rigblaster, my first thought is a defect in the keying circuit/wiring harness on the Rigblaster itself, or a problem with the ACC jack on the radio. Have you checked to see that you have continuity between the PTT pin and ground on the Rigblasters plug while the PTT light is on? I've used a Rigblaster Pro with my 690, but I used the mic jack for audio in and PTT.
>
> Mike N5UKZ
> -------------- Original message from "tracy033" <tracy033@...>: -------------
>
>
>
>
> Hi Dave,
>
> I am using a RIgblaster Plug and Play. Using a USB plug into the
> laptop. Dell Inspiron 1501. The Rigblaster shows PTT light, and I
> can hear good sigs from the computer but the sigs are not getting to
> the radio.
>
> Tracy KE7ORS
>
> --- In TS-850_450_690@yahoogroups.com, "ve3wej gmail" <ve3wej@>
> wrote:
> >
> > is you device showing ptt, but the radio is not keying???? are you
> using a usb to serial adapter, (update your driver)
> >
> > what device are you using...mfj.rigblaster...homebrew, or other
> >

> >
> > VE3WEJ
> > Dave Garber
> >
> > 10-X # 23465
> > echolink # 52852
> > irlp node 2202
> > email ve3wej@
> > ----- Original Message -----
> > From: tracy033
> > To: TS-850_450_690@yahoogroups.com
> > Sent: Wednesday, August 13, 2008 3:05 PM
> > Subject: [TS-850_450_690] TS690S Data/Accessory jack
> >
> >
> > I am trying to use my rig for PSK31 and other digital modes. I
> am not
> > able to key the xcvr via the computer. I can key it manually.
> Does
> > anybody know if the data/accessory port needs to be manually
> turned on
> > via radio controls or menu options? I have looked through the
> radios
> > manual and do not see anything about it (unless I missed or
> overlooked
> > it).
> >
> > Thanks for any help
> >
> > Tracy KE7ORS
> >
> >
> >
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> >
> > [Non-text portions of this message have been removed]
> >
>
>
>
> [Non-text portions of this message have been removed]
>

7205. Re: TS690S Data/Accessory jack

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-08-13 22:52:58 UTC
From: tracy033
Topic: 7192 Message: 7205

Corrent Johnny,

The PTT light on the Rigblaster activates. The on the air light on my TS690 does not. I am using the 13 pin ACC jack on the back of the radio. Time to break out the meter. Thanks for the help and I will give a report tomorrow

Tracy KE7ORS

--- In TS-850_450_690@yahoogroups.com, "g3liv" <johnny@...> wrote:
>
> --- In TS-850_450_690@yahoogroups.com, "tracy033" <tracy033@>
> wrote:
> >
> > Hi Johnny,
> >
> > I am using a Rigblaster Plug and Play. When I key from the
computer
> > the PTT light activates and I hear keying from my headset (which
is
> > plugged into the Rigblaster). For some reason the keying is not
> > getting to the Xcvr. Windows (Vista Home Basic) assigns it to
Comm
> > Port 7. Ihave been trying this with Digipan, WinPsk and several
> > others. I get the same result with all.
> >
> > Thanks for help and any other that you might think of.
> >
> > Tracy KE7ORS
> >
>
>
> Hi Again.
>
> When you say the "PTT light activates " do you mean on the
> Rigblaster ?
>
> If thats so does the RED ON AIR LIGHT go ON on the TS-850 front
panel
> I take it, it does not..
>
> You say you hear the Keying in the headphones.
> Thats Audio Tones generated within the software progam that
should
> get
> to the pin 11 on the 13 pin. And drive the rig in to RF output.

> PTT is a change of state fron NEG volts on Receive to PLUS volts
on
> TX.
>
> Is Rigblaster using the MIKE INPUT or the 13 pin on the rear.?.
>
> If the PTT is a seperate socket on the back of the Rigblaster can
> you put a meter acros it " reading OHMS " if so does it go near
short
> circuit if you select TX on your Program of choice.
>
> Get back to me again I am in UK so its near 2300BST now so next
reply
> will be AM Uk time.
>
> VOX is not a good way to go.
>
> de Johnny G3LIV
>

7206. Re: TS690S Data/Accessory jack

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-08-13 23:47:46 UTC
From: Roland Spoon
Topic: 7192 Message: 7206

Tracy,
Now we know the audio is getting to the rig from the ACC port the next thing the to check to see if the A. RigBlaster is the PTT going to ground? Pins 13&8 on the 13pin DIN plug or B. Is the cable not connected to pin 13 or 8. You are getting audio to the rig but something in the Plug & Play is not triggering the PTT on the rig. Did you buy the interface New? If so get with them and see if they have any sugestions it could be their mistake.

Roland AH6RR

--- In TS-850_450_690@yahoogroups.com, "tracy033" <tracy033@...> wrote:
>
> Hi Roland,
>
> I just tried that and it works!..I would like for the equipment to
> do the job though. I will use your idea for the time being.
> Thanks for the idea!
>
> Tracy KE7ORS
>
>
>
> --- In TS-850_450_690@yahoogroups.com, "Roland Spoon"
> <Toesonnose@> wrote:
> >
> > Have you tried VOX?
> >
> > Just a thought
> > Roland AH6RR
> >
> >
> > --- In TS-850_450_690@yahoogroups.com, "tracy033" <tracy033@>
> > wrote:
> > >
> > > Hi Dave,
> > >
> > > I am using a RIgblaster Plug and Play. Using a USB plug into
> the
> > > laptop. Dell Inspiron 1501. The Rigblaster shows PTT light,
and
> I
> > > can hear good sigs from the computer but the sigs are not
> getting

> > to
> > > the radio.
> > >
> > > Tracy KE7ORS
> > >
> > >
> > > --- In TS-850_450_690@yahoogroups.com, "ve3wej gmail" <ve3wej@>
> > > wrote:
> > > >
> > > > is you device showing ptt, but the radio is not keying????
are
> > you
> > > using a usb to serial adapter, (update your driver)
> > > >
> > > > what device are you using...mfj.rigblaster...homebrew, or
other
> > > >
> > > >
> > > > VE3WEJ
> > > > Dave Garber
> > > >
> > > > 10-X # 23465
> > > > echolink # 52852
> > > > irlp node 2202
> > > > email ve3wej@
> > > > ----- Original Message -----
> > > > From: tracy033
> > > > To: TS-850_450_690@yahoogroups.com
> > > > Sent: Wednesday, August 13, 2008 3:05 PM
> > > > Subject: [TS-850_450_690] TS690S Data/Accessory jack
> > > >
> > > >
> > > > I am trying to use my rig for PSK31 and other digital
modes.
> I
> > > am not
> > > > able to key the xcvr via the computer. I can key it
> manually.
> > > Does
> > > > anybody know if the data/accessory port needs to be
manually
> > > turned on
> > > > via radio controls or menu options? I have looked through
> the
> > > radios
> > > > manual and do not see anything about it (unless I missed or
> > > overlooked
> > > > it).
> > > >
> > > > Thanks for any help

> > > >
> > > > Tracy KE7ORS
> > > >
> > > >
> > > >
> > > >
> > > >
> > > > [Non-text portions of this message have been removed]
> > > >
> > >
> >
>

7207. Re: TS690S Data/Accessory jack

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-08-14 10:33:48 UTC
From: g3liv
Topic: 7192 Message: 7207

--- In TS-850_450_690@yahoogroups.com, "tracy033" <tracy033@...>
wrote:
>
> Corrent Johnny,
>
> The PTT light on the Rigblaster activates. The on the air light on
> my TS690 does not. I am using the 13 pin ACC jack on the back of
the
> radio. Time to break out the meter. Thanks for the help and I will
> give a report tomorrow
>
> Tracy KE7ORS
>

Hi again Tracy

I am not up on all the Rigblaster models.
But the ones I have seen, you need to set up internal "Jumpers" to
set cable core functions.
I wonder if thats the case maybe check those out again.

There are 2 pins for PTT use on the ACC2 of the TS-850.
Both 9 and 13 will trigger the rig into TX.
However 13 is suggested for Footswitch use if its taken to ground.

While the PIN 9 triggers the rig if taken to ground but also MUTES
the Mike so on DATA there is no need to unplug it.

As one other mentions ,you have got TX tone available so thats a good
start.
I would go for jumpers set wrong if I was a betting man (if it has
them of course)

I dont see the ACC2 port having a problem but you could take pins
9 or 13 to ground using a link to ground and that should put the rig
into TX (ON AIR LIGHT going to RED On) and prove its NOT the ACC2
Kenwood port
for sure.

LINKS has my bet any takers ?

de Johnny G3LIV

7208. Re: TS690S Data/Accessory jack

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-08-14 02:15:00 UTC
From: tracy033
Topic: 7192 Message: 7208

Roland,

I bought this thing new at HRO in Portland, Ore. It came with the adapter cable for Kenwood. the end of the box says "Plug & Play RB/PP/K13D USB Rigblaster soundcard interface Kenwood Radio with 13 pin DIN". I think that the Rigblaster is dead. At least on the send side. The receive side works great. I will try and see if I can figure the plug out. Thanks for the help.

Tracy KE7ORS

--- In TS-850_450_690@yahoogroups.com, "Roland Spoon" <Toesonnose@...> wrote:
>
> Tracy,
> Now we know the audio is getting to the rig from the ACC port the
> next thing the to check to see if the A. RigBlaster is the PTT going
> to ground? Pins 13&8 on the 13pin DIN plug or B. Is the cable not
> connected to pin 13 or 8. You are getting audio to the rig but
> something in the Plug & Play is not triggering the PTT on the rig.
> Did you buy the interface New? If so get with them and see if they
> have any sugestions it could be their mistake.
>
> Roland AH6RR
>
>
>
>
>
>
>
> --- In TS-850_450_690@yahoogroups.com, "tracy033" <tracy033@>
> wrote:
> >
> > Hi Roland,
> >
> > I just tried that and it works!..I would like for the equipment to
> > do the job though. I will use your idea for the time being.
> > Thanks for the idea!
> >
> > Tracy KE7ORS
> >
> >
> >

> > --- In TS-850_450_690@yahoogroups.com, "Roland Spoon"
> > <Toesonnose@> wrote:
> > >
> > > Have you tried VOX?
> > >
> > > Just a thought
> > > Roland AH6RR
> > >
> > >
> > > --- In TS-850_450_690@yahoogroups.com, "tracy033" <tracy033@>
> > > wrote:
> > > >
> > > > Hi Dave,
> > > >
> > > > I am using a RIgblaster Plug and Play. Using a USB plug
into
> > the
> > > > laptop. Dell Inspiron 1501. The Rigblaster shows PTT light,
> and
> > I
> > > > can hear good sigs from the computer but the sigs are not
> > getting
> > > to
> > > > the radio.
> > > >
> > > > Tracy KE7ORS
> > > >
> > > >
> > > > --- In TS-850_450_690@yahoogroups.com, "ve3wej gmail"
<ve3wej@>
> > > > wrote:
> > > > >
> > > > > is you device showing ptt, but the radio is not keying????
> are
> > > you
> > > > > using a usb to serial adapter, (update your driver)
> > > > >
> > > > > what device are you using...mfj.rigblaster...homebrew, or
> other
> > > > >
> > > > >
> > > > > VE3WEJ
> > > > > Dave Garber
> > > > >
> > > > > 10-X # 23465
> > > > > echolink # 52852
> > > > > irlp node 2202
> > > > > email ve3wej@
> > > > > ----- Original Message -----
> > > > > From: tracy033

> > > > > To: TS-850_450_690@yahoogroups.com
> > > > > Sent: Wednesday, August 13, 2008 3:05 PM
> > > > > Subject: [TS-850_450_690] TS690S Data/Accessory jack
> > > > >
> > > > >
> > > > > I am trying to use my rig for PSK31 and other digital
> modes.
> > I
> > > > > am not
> > > > > able to key the xcvr via the computer. I can key it
> > manually.
> > > > Does
> > > > > anybody know if the data/accessory port needs to be
> manually
> > > > turned on
> > > > > via radio controls or menu options? I have looked
through
> > the
> > > > radios
> > > > > manual and do not see anything about it (unless I missed
or
> > > > overlooked
> > > > > it).
> > > > >
> > > > > Thanks for any help
> > > > >
> > > > > Tracy KE7ORS
> > > > >
> > > > >
> > > > >
> > > > >
> > > > >
> > > > > [Non-text portions of this message have been removed]
> > > > >
> > > >
> > >
> >
>

7209. FS: Kenwood YG-455C-1 CW filter

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-08-15 05:26:43 UTC
From: aa5jg
Topic: 7209 Message: 7209

I have for sale a Kenwood YG-455C-1 500hz CW filter for the TS450/690/850 line. It also fits in the TS140/680 series of radios. I am asking $85 shipped for it. I can take paypal, check or MO.

73s John AA5JG

7210. Re: [TS-850_450_690] FS: Kenwood YG-455C-1 CW filter

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-08-15 13:20:17 UTC
From: Kurt Cathcart
Topic: 7209 Message: 7210

I'd like to have that filter. I'd pay by Paypal. Let me know if I'm the lucky one.

-Kurt
kr2c
kurt@...

----- Original Message -----
From: aa5jg
To: TS-850_450_690@yahoogroups.com
Sent: Friday, August 15, 2008 1:26 AM
Subject: [TS-850_450_690] FS: Kenwood YG-455C-1 CW filter

I have for sale a Kenwood YG-455C-1 500hz CW filter for the
TS450/690/850 line. It also fits in the TS140/680 series of radios. I
am asking $85 shipped for it. I can take paypal, check or MO.

73s John AA5JG

[Non-text portions of this message have been removed]

7211. Re: FS: Kenwood YG-455C-1 CW filter

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-08-15 15:27:40 UTC
From: g3liv
Topic: 7209 Message: 7211

--- In TS-850_450_690@yahoogroups.com, "aa5jg" <aa5jg@...> wrote:
>
> I have for sale a Kenwood YG-455C-1 500hz CW filter for the
> TS450/690/850 line. It also fits in the TS140/680 series of radios.
I
> am asking $85 shipped for it. I can take paypal, check or MO.
>
> 73s John AA5JG

Looks like I was to late for that filter.

If anyone else has one for sale I am on the market for it.

de Johnny G3LIV
johnny@...

7212. FS Kenwood YK-88SN-1

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-08-15 16:11:13 UTC
From: Roland Spoon
Topic: 7212 Message: 7212

I thought I would offer it up here first before the other places.
I am selling a Kenwood YK-88SN 1.8kHZ SSB filter $85.00.
Let me know if you are interested.

Roland AH6RR

7213. FS: YK-88S-1 SSB filter

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-08-15 18:32:09 UTC
From: John AA5JG
Topic: 7213 Message: 7213

I have for sale a Kenwood YK-88S-1 2.4khz SSB filter. This is the plug in filter that fits in the TS450/690 to give you a narrower 2nd IF (the stock is 6khz at the 8.83 IF). It also fits in the Kenwood TS570 series, as well as the Kenwood TS930/940/950 series. I don't know if it can be used to replace the stock 2.7 filter in the TS850.

I am asking $60 shipped for it. I can take paypal/check/MO.

73s John AA5JG

7214. Re: Repaired!

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-08-15 23:27:27 UTC
From: dknife7u
Topic: 7173 Message: 7214

I picked up a can of Caig Deoxit Fader Spray ($9.99) at Guitar Center
and sprayed my (TS-450) M.CH/VFO.CH switch and for the first time
since I bought the radio the switch is working right. This saved me
nearly $200 from having to send the radio to Kenwood to have the
switch and encoder board replaced. Thanks a lot guys.

KG8EP

--- In TS-850_450_690@yahoogroups.com, "ei3gsb" <ei3gsb@...> wrote:
>
> --- In TS-850_450_690@yahoogroups.com, "ei3gsb" <ei3gsb@> wrote:
> >
> > Having successfully done the battery replacement job on my 850 and
> > confirming that the radio still works(!) another job I'd like to do is
> > to fix the M.CH/M.VFO knob. It doesn't 'step' through the frequencies
> > smoothly, it kinda jumps and if I rotate it too quickly it only moves
> > about 20 or 30Kc's.
> > Has anyone fixed this problem and if so do you have any tips? What is
> > the part number of the knob?
> > Also, I may remove the tuner from the rig, is this an easy job?
> >
> > Cheers,
> > Andrew
> >
>
> Thanks to those who replied! I've ordered some lubricant from a
> European outlet so hopefully I should have the problem solved fairly
soon!
>
> Cheers,
> Andrew
>

7215. Re: [TS-850_450_690] Receivers: TS830 vs TS850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-08-16 02:39:03 UTC
From: Steve Gehring
Topic: 7191 Message: 7215

Hi John,

I have owned both for extended periods, even side-by-side for awhile. I still own and op my current late serial number TS-850Sat as my main rig, btw.

I mod'd my TS-830S, installing cascaded INRAD 2.1 KHz filters and the electronic switch kit back in the late Eighties or early Nineties. Side-by-side with the new stock TS-850S at the time (it did have the 8.83 MHz IF, 400 Hz INRAD CW filter though), I found the two to be quite comparable in terms of performance. With matched filters in BOTH IF stages, either of these rig's are able and competitive "performance" rigs -- turning in respectable receiver qualitative numbers. Though, the 850 will turn in the better qualitative numbers.

On transmit, both sound great on the air. Signal cleanliness goes to the 830S due to it's pair of 6146B's. Overall capability and usefulness goes to the newer 850S, obviously.

I'll never give up my great 850. It's performance is only matched by new rigs costing 5 to 10 times it's current value.

73 de Steve, NL7W

John AA5JG wrote:
>
> I have recently stumbled upon a couple of messages and radio reviews
> that suggest that the Kenwood TS830S has a better overall receiver
> than the TS850. Now I thought that the 850 has one of the best
> receivers ever. Is this true, does the 830 really have an even better
> receiver?
>
> 73s John AA5JG
>
> --
>
>

[Non-text portions of this message have been removed]

7216. Re: [TS-850_450_690] FS Kenwood YK-88SN-1

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-08-16 16:46:29 UTC
From: KI4MFD@bellsouth.net
Topic: 7212 Message: 7216

I am interested if it is still available.

Don (828) 464-5851
---------- Original message from "Roland Spoon" <Toesonnose@...>: ----------

I thought I would offer it up here first before the other places.
I am selling a Kenwood YK-88SN 1.8kHZ SSB filter $85.00.
Let me know if you are interested.

Roland AH6RR

[Non-text portions of this message have been removed]

7217. Re: [TS-850_450_690] FS: YK-88S-1 SSB filter

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-08-16 16:45:44 UTC
From: KI4MFD@bellsouth.net
Topic: 7213 Message: 7217

I am interested if it is still available.

Don (828) 464-5851

--------------- Original message from "John AA5JG" <aa5jg@...>: ---------------

I have for sale a Kenwood YK-88S-1 2.4khz SSB filter. This is the plug in filter that fits in the TS450/690 to give you a narrower 2nd IF (the stock is 6khz at the 8.83 IF). It also fits in the Kenwood TS570 series, as well as the Kenwood TS930/940/950 series. I don't know if it can be used to replace the stock 2.7 filter in the TS850.

I am asking $60 shipped for it. I can take paypal/check/MO.

73s John AA5JG

[Non-text portions of this message have been removed]

7218. FS: Kenwood TS690SAT

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-08-16 21:31:12 UTC
From: John AA5JG
Topic: 7218 Message: 7218

I have for sale a Kenwood TS690SAT HF/6m rig with the autotuner installed. It is a very late serial number-in the 8 million range, meaning it was built in 1996. The TS570 came out in 1996 so this must have been one of the last 690s to be built. It is exceptionally clean also, with just one little ding below the handle but other than that, it looks like it just came out of the box. It also works fine, putting out the full 100 watts on HF and 50 watts on 6m. It comes with the mic, power cord, original manual, and the original box including all of the original packing. You would not be disappointed in the condition of this rig. The autotuner works great and loads up anything you throw at it.

I am asking $555 plus shipping. I can take paypal, check or MO. Or you can pick it up in the Southwest OK/Northern TX area.

73s John AA5JG

_____

7219. 450 vs 450

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-08-17 06:04:55 UTC
From: aa5jg
Topic: 7219 Message: 7219

Now that Yaesu is into stealing Kenwood model numbers for their new rigs, has anyone had the chance to compare the new Yaesu FT450 to the Kenwood TS450? If so, how do they stack up? I am positive that the Yaesu FT950 couldn't even begin to compare to the TS950SDX.

73s John AA5JG

7220. TS-790A Sequencer help

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-08-17 14:23:30 UTC
From: Jordan
Topic: 7220 Message: 7220

Hi...I'd like to hear from people who have successfully interfaced their TS-790A to a T/R sequencer...
Did you use the TX inhibit line, or...? Any help would be appreciated...73...Jordan VE6ZT

[Non-text portions of this message have been removed]

7221. Part 2 TS-790A Sequencer help

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-08-17 15:47:14 UTC
From: Jordan
Topic: 7221 Message: 7221

I would also like to know if anyone has tried to control RF output using the ALC line on the TS-790A...

I had hoped to use what appears to be a TX inhibit line at Pin 4 of the ACC 4 connector, but using that pin for control would seem to prevent being able to key the radio using the front microphone connector.

If all else fails, I`ll go the `break-out` from the Mic PTT external line, but I was hoping to find something a little more elegant and inclusive of using a CW key....

Any tips or pointers out there...? 73...Jordan VE6ZT
----- Original Message -----
From: "Jordan" <outposter30@...>
To: <kenwood@...>; <ts-850_450_690@yahoogroups.com>
Sent: Sunday, August 17, 2008 8:23 AM
Subject: [Kenwood] TS-790A Sequencer help

Hi...I'd like to hear from people who have successfully interfaced their TS-790A to a T/R sequencer...
Did you use the TX inhibit line, or...? Any help would be appreciated...73...Jordan VE6ZT

Kenwood mailing list
Home: http://mailman.qth.net/mailman/listinfo/kenwood
Help: http://mailman.qth.net/mmfaq.html
Post: mailto:Kenwood@...

7222. Re: [TS-850_450_690] 450 vs 450

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-08-17 16:03:07 UTC
From: Tom Osborne
Topic: 7219 Message: 7222

Hi John

Well, I have a TS-450SAT here and eally like it. I had considered getting a FT-450 as the price seems right, but was talked out of it.

The biggest drawback for me is that it only works RTTY in AFSK in the SSB mode and you can't use the narrow filters for RTTY. I do a lot of RTTY contesting here and that would not work at all.

I like the fact that I can run FSK with the TS-450SAT and use the narrow CW filters.

Also one owner told me that there were way too many menu functions. 73
Tom W7WHY

> Now that Yaesu is into stealing Kenwood model numbers for their new
> rigs, has anyone had the chance to compare the new Yaesu FT450 to the
> Kenwood TS450? If so, how do they stack up? I am positive that the
> Yaesu FT950 couldn't even begin to compare to the TS950SDX.
>
> 73s John AA5JG

7223. RE: [TS-850_450_690] 450 vs 450

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-08-18 06:06:39 UTC
From: Curt Wilbur
Topic: 7219 Message: 7223

I would love to have a 950SDX. No one will get my 850SAT, that's for sure! Do you still have the 690?
73 de Curt K7CU
k7cu@...

To: TS-850_450_690@yahoogroups.com
From: aa5jg@...
Date: Sun, 17 Aug 2008 06:04:55 +0000
Subject: [TS-850_450_690] 450 vs 450

Now that Yaesu is into stealing Kenwood model numbers for their new

rigs, has anyone had the chance to compare the new Yaesu FT450 to the

Kenwood TS450? If so, how do they stack up? I am positive that the

Yaesu FT950 couldn't even begin to compare to the TS950SDX.

73s John AA5JG

_____
Get thousands of games on your PC, your mobile phone, and the web with Windows®.
http://clk.atdmt.com/MRT/go/108588800/direct/01/

[Non-text portions of this message have been removed]

7224. TS850 digital board!

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-08-18 06:27:58 UTC
From: MM3XXW
Topic: 7224 Message: 7224

Yep, I appreciate this question will have been asked a 1000 times but here goes! [:D]

I need to replace the digital board on my TS850, anyone got one or know where I can source one please?
I'd really appreciate any assistance in locating this piece of equipment.

As for the FT450 v's TS450 [:-?]
What an ugly radio the Yeasu set is, IMHO of course!
I haven't used one personally but do have experience with the TS450, I've contacted a few ops who've used the FT450 and I haven't heard a decent audio out of one yet so for me that says it all [/:)]
Even with the lack of DSP on the TS450 I would put a $3 bet on the kenwood to win in a side-by-side comparison.

Regards,
Martyn
MM3XXW

[Non-text portions of this message have been removed]

7225. FS: Kenwood YK-88C-1 CW filter

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-08-19 17:38:24 UTC
From: John AA5JG
Topic: 7225 Message: 7225

I have for sale a Kenwood YK-88C-1 500hz narrow CW filter for the TS-850-450-690-930-940-950-570 and more. $70.00 Shipped anywhere in the USA. I can take paypal, check, and MO (cash also ok!).

73s John AA5JG

7226. Re: FS: Kenwood YK-88C-1 CW filter

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-08-19 19:31:45 UTC
From: g3liv
Topic: 7225 Message: 7226

--- In TS-850_450_690@yahoogroups.com, "John AA5JG" <aa5jg@...> wrote:
>
> I have for sale a Kenwood YK-88C-1 500hz narrow CW filter for the TS-850-450-690-930-940-950-570 and more. $70.00 Shipped anywhere in the USA. I can take paypal, check, and MO (cash also ok!).
>
> 73s John AA5JG
>
>
> --
>
YES John if its still available

johnny@...

7227. Re: FS: Kenwood YK-88C-1 CW filter

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-08-19 19:33:09 UTC
From: g3liv
Topic: 7225 Message: 7227

--- In TS-850_450_690@yahoogroups.com, "John AA5JG" <aa5jg@...> wrote:
>
> I have for sale a Kenwood YK-88C-1 500hz narrow CW filter for the TS-850-450-690-930-940-950-570 and more. $70.00 Shipped anywhere in the USA. I can take paypal, check, and MO (cash also ok!).
>
> 73s John AA5JG
>
>
> ____
>
Sorry John
My mistake I was looking for the YG-455C-1
Sorry

de JOhnny G3LIV

7228. FS: Trac Memory Keyer

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-08-21 04:10:09 UTC
From: John AA5JG
Topic: 7228 Message: 7228

I have for sale a Trac TE284 memory keyer that would be perfect for a Kenwood TS450/TS690 or other rig without an internal keyer. It does 4 25 character memories, or 2 50 character memories. It will do both positive keying (for solid state rigs) and negative keying (for tube rigs), and runs off of a 9 volt battery. It has had 2 modifications done to it: the tune switch for sending a steady carrier for tuning your manual tuner has been moved to the front panel, and a pot to control the pitch of the sidetone has been added to the back (it was an internal control). I dont have a manual for it but it is pretty intuitive on how to operate it.

I am asking $35 plus shipping, and can take paypal/check/MO.

73s John AA5JG

7229. Mic enquiry!

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-08-21 16:20:40 UTC
From: MM3XXW
Topic: 7229 Message: 7229

When I got my new, well new to me!, TS850S it came with the original mic.
It looks like a normal MC-43s (if I remember correct) but on the front just under slats it has 4 very small silver buttons marked 1 - 4.
Now they don't appear to do anything, the ptt works as normal (thankfully!!) as do the up/down buttons on the top but these little buttons are a mystery to me.
Anyone throw any light on this anomoly [:-?] ?

Is it, perhaps, not the original mic but in fact an inter-loper [=D>] from another rig - a VHF/UHF one maybe?

I'd really like to know what the heck these buttons were for!

Regards,
Martyn
MM3XXW
"a new 850 owner so treat me gently!"

[Non-text portions of this message have been removed]

7230. Re: [TS-850_450_690] Mic enquiry!

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-08-21 20:23:44 UTC
From: N2MHO
Topic: 7229 Message: 7230

My secondhand TS450 came with the same type mic.

I still don't know what it does with the '450, but when connected to a KW FM mobile of the TM-231 -241 ilk, the buttons work the same as those on the top row of their included TT mics, whose default functions are: Call; VFO; Mem; and PF(default is MHz).

I do not remember seeing an explanation in the manual, although I confess I haven't studied it that thoroughly.

Mike, n2mho in SNJ
****

On 8/21/08, MM3XXW <mm3xxw@...> wrote:
> >
> When I got my new, well new to me!, TS850S it came with the original
> mic.
> It looks like a normal MC-43s (if I remember correct) but on the front
> just under slats it has 4 very small silver buttons marked 1 - 4.
> Now they don't appear to do anything, the ptt works as normal
> (thankfully!!) as do the up/down buttons on the top but these little
> buttons are a mystery to me.
> Anyone throw any light on this anomoly [:-?] ?
>
> Is it, perhaps, not the original mic but in fact an inter-loper [=D>]
> from another rig - a VHF/UHF one maybe?
>
> I'd really like to know what the heck these buttons were for!
>
> Regards,
> Martyn
> MM3XXW
> "a new 850 owner so treat me gently!"
>
> [Non-text portions of this message have been removed]
>

7231. Re: [TS-850_450_690] Mic enquiry!

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-08-21 22:34:52 UTC
From: ve3wej gmail
Topic: 7229 Message: 7231

those mics WERE for the vhf units (no dtmf pad, right).. the mc43s is NOT the same looks... a lot smaller

VE3WEJ
Dave Garber

10-X # 23465
echolink # 52852
irlp node 2202
email ve3wej@...
----- Original Message -----
From: N2MHO
To: TS-850_450_690@yahoogroups.com ; mm3xxw@...
Sent: Thursday, August 21, 2008 4:23 PM
Subject: Re: [TS-850_450_690] Mic enquiry!

My secondhand TS450 came with the same type mic.

I still don't know what it does with the '450, but when connected to a KW FM mobile of the TM-231 -241 ilk, the buttons work the same as those on the top row of their included TT mics, whose default functions are: Call; VFO; Mem; and PF(default is MHz).

I do not remember seeing an explanation in the manual, although I confess I haven't studied it that thoroughly.

Mike, n2mho in SNJ
****

On 8/21/08, MM3XXW <mm3xxw@...> wrote:
> >
> When I got my new, well new to me!, TS850S it came with the original
> mic.
> It looks like a normal MC-43s (if I remember correct) but on the front
> just under slats it has 4 very small silver buttons marked 1 - 4.
> Now they don't appear to do anything, the ptt works as normal
> (thankfully!!) as do the up/down buttons on the top but these little
> buttons are a mystery to me.
> Anyone throw any light on this anomoly [:-?] ?
>
> Is it, perhaps, not the original mic but in fact an inter-loper [=D>]
> from another rig - a VHF/UHF one maybe?
>
> I'd really like to know what the heck these buttons were for!
>
> Regards,
> Martyn

> MM3XXW
> "a new 850 owner so treat me gently!"
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

7232. Re: [TS-850_450_690] Mic enquiry!

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-08-21 23:32:13 UTC
From: N2MHO
Topic: 7229 Message: 7232

I dunno, l have a MC43 and the shells look the same, except that one
has buttons.
Mike n2mho
****

On 8/21/08, ve3wej gmail <ve3wej@...> wrote:
>
> >
> those mics WERE for the vhf units (no dtmf pad, right).. the mc43s is NOT the same
looks... a lot smaller
>
> VE3WEJ
> Dave Garber
>
> 10-X # 23465
> echolink # 52852
> irlp node 2202
> email ve3wej@...
>
> ----- Original Message -----
> From: N2MHO
> To: TS-850_450_690@yahoogroups.com ; mm3xxw@...
> Sent: Thursday, August 21, 2008 4:23 PM
> Subject: Re: [TS-850_450_690] Mic enquiry!
>
> My secondhand TS450 came with the same type mic.
>
> I still don't know what it does with the '450, but when connected to a
> KW FM mobile of the TM-231 -241 ilk, the buttons work the same as
> those on the top row of their included TT mics, whose default
> functions are: Call; VFO; Mem; and PF(default is MHz).
>
> I do not remember seeing an explanation in the manual, although I
> confess I haven't studied it that thoroughly.
>
> Mike, n2mho in SNJ
> **********
>

7233. Re: Mic enquiry!

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-08-22 02:52:12 UTC
From: Clif
Topic: 7229 Message: 7233

Everyone finished guessing?

The mike in question is an MC-47, the stock hand mike with the TS-50/60. The buttons are Programmable Function (PF) buttons. They can be programmed to perform menu functions on the TS-50/60. Stock configuration is; 1: Menu A/B, 2: Power level, 3: TF-Set, 4: Monitor.

Clif

--- In TS-850_450_690@yahoogroups.com, "MM3XXW" <mm3xxw@...> wrote:
>
> When I got my new, well new to me!, TS850S it came with the original
> mic.
> It looks like a normal MC-43s (if I remember correct) but on the front
> just under slats it has 4 very small silver buttons marked 1 - 4.
> Now they don't appear to do anything, the ptt works as normal
> (thankfully!!) as do the up/down buttons on the top but these little
> buttons are a mystery to me.
> Anyone throw any light on this anomoly [:-?] ?
>
> Is it, perhaps, not the original mic but in fact an inter-loper [=D>]
> from another rig - a VHF/UHF one maybe?
>
> I'd really like to know what the heck these buttons were for!
>
> Regards,
> Martyn
> MM3XXW
> "a new 850 owner so treat me gently!"
>
>
>
> [Non-text portions of this message have been removed]
>

7234. Mic enquiry!

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-08-22 06:31:53 UTC
From: MM3XXW
Topic: 7229 Message: 7234

Mystery solved!
It is indeed the MC47, a Google search revealed a picture and details of the microphone which exactly match the one I have.

Many thanks to you Clif, it was bugging me a bit but I'm a wiser man now.

Regards,
Martyn
MM3XXW

7235. MARS Mod?????

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-08-25 02:56:25 UTC
From: Crownhaven
Topic: 7235 Message: 7235

Anyone have the MARS mod for the TS-850S handy????? Finding two versions on the net, conflicting information.

Steve, NNN0QCJ

7236. Re: [TS-850_450_690] MARS Mod?????

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-08-25 19:45:29 UTC
From: ve3wej gmail
Topic: 7235 Message: 7236

d11, i think

VE3WEJ
Dave Garber

10-X # 23465
echolink # 52852
irlp node 2202
email ve3wej@...
----- Original Message -----
From: Crownhaven
To: TS-850
Sent: Sunday, August 24, 2008 10:56 PM
Subject: [TS-850_450_690] MARS Mod?????

Anyone have the MARS mod for the TS-850S handy????? Finding two
versions on the net, conflicting information.

Steve, NNN0QCJ

[Non-text portions of this message have been removed]

7237. TS 450S /ANTENNA TUNER

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-08-26 23:41:49 UTC
From: Ronnie
Topic: 7237 Message: 7237

got a ts 450s w/antenna tuner for sale i would take 450.00 for it if anybody interrested email me let me know its in good shape and it works good also for info email me and ask anything you want it is a good one i talk on it all the time but its time for a change email me please thank you

7238. Dead display on an TS-850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-08-27 05:11:07 UTC
From: lichfish
Topic: 7238 Message: 7238

My display went dead this evening. Everything else seems to work.
I wanted to check the caps on the LCD assy board but couldn't get the front
cover to come off. I have all the knobs off and the two top plastic clips loose.
The bottom clips on the display cover don't pry loose with gentle prying.
Any suggestions on how to get to the back of this board?

Jim
N7EUF

7239. Re: Dead display on an TS-850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-08-27 05:46:14 UTC
From: Roland Spoon
Topic: 7238 Message: 7239

Aloha Jim,
Take off the top and bottom covers then undo the 2 top screws holding the front to the chassis and tilt foward the front. there is around 5 screws holding and a couple(I think) of ribbon cable(s) gently pull the ribbon cable(s) out and undo the screws holding the display board. You cannot get to the disply from the front.
Replace C18 and make sure all the traces are good.
Good Luck
Roland AH6RR

--- In TS-850_450_690@yahoogroups.com, "lichfish" <jsecl@...> wrote:
>
> My display went dead this evening. Everything else seems to work.
> I wanted to check the caps on the LCD assy board but couldn't get the front
> cover to come off. I have all the knobs off and the two top plastic clips loose.
> The bottom clips on the display cover don't pry loose with gentle prying.
> Any suggestions on how to get to the back of this board?
>
> Jim
> N7EUF
>

7240. CAT cable for TS-850SAT with DSP-100

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-08-27 06:57:57 UTC
From: Mario Aviles
Topic: 7235 Message: 7240

I am trying to hook up my TS850SAT with DSP-100 to my computer. Does anyone have the diagrams on how to build this cable from the transceiver to an USB port on the computer? Also, how is this cable connected if ACC1 which is the RS232 port is used by the DSP 100?

Has anyone tried the SDR-IQ from RFSpace or the LP-Pan as pan adaptor for this radio?

Thanks for your help

Mario/YS1MAE

[Non-text portions of this message have been removed]

7241. Re: CAT cable for TS-850SAT with DSP-100

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-08-27 10:30:32 UTC
From: Peter
Topic: 7235 Message: 7241

Mario

I have no experience of the DSP-100, so cant help you there, other than I understand that the DSP-100 has a "loop-through" for ACC1 on "CONT OUT".

There are plenty of designes for an interface to Serial converter, but none for USB that I know about.
Probably easiest to use a serial to USB converter, or purchase a comercial USB interface. I built a serial adaptor from an internet design, and used the USB to serial adaptor contained in one of the very cheap mobile phone/USB cables available on e-bay.

Finaly I use a "Softrock" SDR reciever connected to the IF output of my TS850 to use as a 100khz (a new soundcard to be fitted should increase this shortly) bandscope (pan adaptor), and it is excelent. The kit only cost $15 from USA (Check Softrock Yahoo group), but i did need to add an amplifier, constructed from two MAR4 devices, to give it more sensitivity to the low IF output of the TS0850.

Now one of the first things I do when turning on the radio is to quickly check the activities on each band with it!!

Regards

peter

G0RSQ

--- In TS-850_450_690@yahoogroups.com, "Mario Aviles" <mario.aviles@...> wrote:
>
> I am trying to hook up my TS850SAT with DSP-100 to my computer. Does anyone have the diagrams on how to build this cable from the transceiver to an USB port on the computer? Also, how is this cable connected if ACC1 which is the RS232 port is used by the DSP 100?
>
> Has anyone tried the SDR-IQ from RFSpace or the LP-Pan as pan adaptor for this radio?
>
> Thanks for your help
>
> Mario/YS1MAE
>
> [Non-text portions of this message have been removed]
>

7242. Re: Dead display on an TS-850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-08-27 05:25:54 UTC
From: patrick40044
Topic: 7238 Message: 7242

make sure main dial is off and there is 4 screws on metal chasis it
should fold over and the panel should pop of with not too much force
good luck n its likely to be dead cap
regards
paddy mm1dhu g/l

--- In TS-850_450_690@yahoogroups.com, "lichfish" <jsecl@...> wrote:
>
> My display went dead this evening. Everything else seems to work.
> I wanted to check the caps on the LCD assy board but couldn't get
the front
> cover to come off. I have all the knobs off and the two top
plastic clips loose.
> The bottom clips on the display cover don't pry loose with gentle
prying.
> Any suggestions on how to get to the back of this board?
>
> Jim
> N7EUF
>

7243. TS-450SAT No RF Output

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-08-27 04:09:06 UTC
From: wa4pub@aol.com
Topic: 7243 Message: 7243

Hello to the group!

I'm a new TS-450 SAT group member as well as already being in the TS-440S group.

The problem I'm having with the TS-450 is that I have no drive from the (X44-3130-01) RF Unit to the final amplifier via output of TX mixer Q20 & Q21, TX amp Q19 and AMP Q18 to "DRV" connector 9 of the RF Board.

The receiver works perfectly!

I've determined that the "LO1" (73.15 to 113.05 MHz) injection frequency from the Phase Locked Loop (measured at connector 10 on the RF board) changes considerably when I go from the "receive" mode to the "transmit" mode. Example: With the frequency display indicating 7.2 MHz, the "LO1" cable from the PLL is 80.249 MHz during receive. It changes to 79.50 MHz when I go to "transmit" using the "SEND" button.

On the PLL Unit (X50-3150-01), I can see the loop filter voltage (measured at TP2) go from about 3.5 volts (during receive) to about 3.8 volts (during transmit). I imagine that IC5 on the PLL board may be doing that as a response from the "DIGITAL" unit. All the while though, the "LO2" output from the PLL remains constant at 64.22 MHz. IC6 on the PLL appears to be unaffected.

Note: 1) The rig is in the CW mode with carrier and power controls set appropriately high.
2) On the RF Board, I replaced switching diodes D57 & D59 for the "LO2" (64.22 MHz) injection to
transmit mixer Q45 & Q46.
3) I've been able to follow the output of the transmit amps & mixers through L66, L67, L68 & L89 up
to the gate 1 connections of balanced 3rd TX mixer, Q20 & Q21.
4) I do not have any indication of a loop unlock from IC5 (or IC6), pin 8 on the PLL board.

The one question I'd like to have answered is ...
On a correctly operating TS-450S, does the output frequency of the "LO1" signal from the PLL
remain constant when going from receive to transmit? I'm thinking that it should.

Your answers, comments and suggestions would be greatly appreciated.

My normal email address is _wa4pub@..._ (mailto:wa4pub@...)

73s to all,

Dave - WA4PUB

During receive operation, I am able to

**********It's only a deal if it's where you want to go. Find your travel deal here.
(http://information.travel.aol.com/deals?ncid=aoltrv00050000000047)

[Non-text portions of this message have been removed]

7244. Re: Dead display on an TS-850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-08-27 14:28:50 UTC
From: Clif
Topic: 7238 Message: 7244

Why are you trying to replace your radiator thru the tailpipe???

Remove the top and bottom. On each side of the METAL frame for the front panel are 2 screws, remove the top one on each side. The front will tilt over and give access to the display. While you are there check the battery very closely for leakage. Any white film on the back side and it needs to be replaced, just tilt it over far enough to see the seam.

FWI when you remove the Main VFO knob there are 2 screws that have to be removed to take off the front panel. That lets you look at the metal frame for the front but won't get you to the display.

Clif

--- In TS-850_450_690@yahoogroups.com, "lichfish" <jsecl@...> wrote:
>
> My display went dead this evening. Everything else seems to work.
> I wanted to check the caps on the LCD assy board but couldn't get the front
> cover to come off. I have all the knobs off and the two top plastic clips loose.
> The bottom clips on the display cover don't pry loose with gentle prying.
> Any suggestions on how to get to the back of this board?
>
> Jim
> N7EUF
>

7245. Re: TS-450SAT No RF Output

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-08-27 14:44:35 UTC
From: Clif
Topic: 7243 Message: 7245

What does LO3 do when going from Rx to Tx?
What does DL-0 on the Carrier unit do?

What is the input level to Q20-21 from the filter? It should be abt 75mv P-P.

Clif

--- In TS-850_450_690@yahoogroups.com, wa4pub@... wrote:
>
> Hello to the group!
>
> I'm a new TS-450 SAT group member as well as already being in the TS-440S
> group.
>
> The problem I'm having with the TS-450 is that I have no drive from the
> (X44-3130-01) RF Unit to the final amplifier via output of TX mixer Q20 & Q21, TX
> amp Q19 and AMP Q18 to "DRV" connector 9 of the RF Board.
>
> The receiver works perfectly!
>
> I've determined that the "LO1" (73.15 to 113.05 MHz) injection frequency
> from the Phase Locked Loop (measured at connector 10 on the RF board) changes
> considerably when I go from the "receive" mode to the "transmit" mode. Example:
> With the frequency display indicating 7.2 MHz, the "LO1" cable from the PLL
> is 80.249 MHz during receive. It changes to 79.50 MHz when I go to
> "transmit" using the "SEND" button.
>
> On the PLL Unit (X50-3150-01), I can see the loop filter voltage (measured
> at TP2) go from about 3.5 volts (during receive) to about 3.8 volts (during
> transmit). I imagine that IC5 on the PLL board may be doing that as a response
> from the "DIGITAL" unit. All the while though, the "LO2" output from the
> PLL remains constant at 64.22 MHz. IC6 on the PLL appears to be unaffected.
>

> Note: 1) The rig is in the CW mode with carrier and power controls
set
> appropriately high.
> 2) On the RF Board, I replaced switching diodes D57 & D59
for the
> "LO2" (64.22 MHz) injection to
> transmit mixer Q45 & Q46.
> 3) I've been able to follow the output of the transmit
amps &
> mixers through L66, L67, L68 & L89 up
> to the gate 1 connections of balanced 3rd TX mixer,
Q20 & Q21.
> 4) I do not have any indication of a loop unlock from IC5
(or
> IC6), pin 8 on the PLL board.
>
> The one question I'd like to have answered is ...
> On a correctly operating TS-450S, does the output
frequency of
> the "LO1" signal from the PLL
> remain constant when going from receive to transmit? I'm
> thinking that it should.
>
> Your answers, comments and suggestions would be greatly appreciated.
>
> My normal email address is _wa4pub@..._ (mailto:wa4pub@...)
>
> 73s to all,
>
> Dave - WA4PUB
>
> During receive operation, I am able to
>
>
>
> **********It's only a deal if it's where you want to go. Find
your travel
> deal here.
> (http://information.travel.aol.com/deals?ncid=aoltrv00050000000047)
>
>
> [Non-text portions of this message have been removed]
>

7246. Re: [TS-850_450_690] CAT cable for TS-850SAT with DSP-100

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-08-27 20:43:28 UTC
From: ve3wej gmail
Topic: 7235 Message: 7246

available on the internet , look for if 232c clones, as well as serial to usb adapters(if needed)

VE3WEJ
Dave Garber

10-X # 23465
echolink # 52852
irlp node 2202
email ve3wej@...

----- Original Message -----
From: Mario Aviles

"I am trying to hook up my TS850SAT with DSP-100 to my computer. Does anyone have the diagrams on how to build this cable from the transceiver to an USB port on the computer? "

7247. Re: [TS-850_450_690] Re: TS-450SAT No RF Output

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-08-29 05:44:45 UTC
From: wa4pub@aol.com
Topic: 7243 Message: 7247

In a message dated 8/27/2008 10:45:02 AM Eastern Daylight Time,
clif@... writes:

What does LO3 do when going from Rx to Tx?
What does DL-0 on the Carrier unit do?

What is the input level to Q20-21 from the filter? It should be abt
75mv P-P.

Clif

--- In _TS-850_450_690@TS-850_450_6TS-_
(mailto:TS-850_450_690@yahoogroups.com) , wa4pub@... wrote:
>
> Hello to the group!
>
> I'm a new TS-450 SAT group member as well as already being in the
TS-440S
> group.
>
> The problem I'm having with the TS-450 is that I have no drive from
the
> (X44-3130-01) RF Unit to the final amplifier via output of TX mixer
Q20 & Q21, TX
> amp Q19 and AMP Q18 to "DRV" connector 9 of the RF Board.
>
> The receiver works perfectly!
>
> I've determined that the "LO1" (73.15 to 113.05 MHz) injection
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> from the Phase Locked Loop (measured at connector 10 on the RF
board) changes
> considerably when I go from the "receive" mode to the "transmit"
mode. Example:
> With the frequency display indicating 7.2 MHz, the "LO1" cable from
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> is 80.249 MHz during receive. It changes to 79.50 MHz when I go to
> "transmit" using the "SEND" button.
>
> On the PLL Unit (X50-3150-01) On the PLL Unit (X50-3150-01)
(measured
> at TP2) go from about 3.5 volts (during receive) to about 3.8 volts
(during
> transmit). I imagine that IC5 on the PLL board may be doing that as
a response
> from the "DIGITAL" unit. All the while though, the "LO2" output

from the
> PLL remains constant at 64.22 MHz. IC6 on the PLL appears to be
unaffected.
>
> Note: 1) The rig is in the CW mode with carrier and power controls
set
> appropriately high.
> 2) On the RF Board, I replaced switching diodes D57 & D59
for the
> "LO2" (64.22 MHz) injection to
> transmit mixer Q45 & Q46.
> 3) I've been able to follow the output of the transmit
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> mixers through L66, L67, L68 & L89 up
> to the gate 1 connections of balanced 3rd TX mixer,
Q20 & Q21.
> 4) I do not have any indication of a loop unlock from IC5
(or
> IC6), pin 8 on the PLL board.
>
> The one question I'd like to have answered is ...
> On a correctly operating TS-450S, does the output
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> the "LO1" signal from the PLL
> remain constant when going from receive to transmit? I'm
> thinking that it should.
>
> Your answers, comments and suggestions would be greatly appreciated.
>
> My normal email address is _wa4pub@..._ (mailto:wa4pub@ My n
>
> 73s to all,
>
> Dave - WA4PUB
>
> During receive operation, I am able to

Recent Activity
* 4
New Members
(http://groups.yahoo.com/group/TS-850_450_690/members;_ylc=X3oDMTJmYTA4MTd2BF9TAzk3MzU5NzE
0BGdycElkAzMwOTc1ODIEZ3Jwc3BJZAMxNzA1MDYzMTA4BHNlYw
N2dGwEc2xrA3ZtYnJzBHN0aW1lAzEyMTk4NDgyODE-)
* 1
New Photos
(http://groups.yahoo.com/group/TS-850_450_690/spnew;_ylc=X3oDMTJmMnBta3RlBF9TAzk3MzU5NzE0B
GdycElkAzMwOTc1ODIEZ3Jwc3BJZAMxNzA1MDYzMTA
4BHNlYwN2dGwEc2xrA3ZwaG90BHN0aW1lAzEyMTk4NDgyODE-)
* 1
New Links

(http://groups.yahoo.com/group/TS-850_450_690/links;_ylc=X3oDMTJnOXRydGZnBF9TAzk3MzU5NzE0BGdycElkAzMwOTc1ODIEZ3Jwc3BJZAMxNzA1MDYzMTA4BHNlYwN2dGwEc2xrA3ZsaW5rcwRzdGltZQMxMjE5ODQ4Mjgx)

_Visit Your Group _
(http://groups.yahoo.com/group/TS-850_450_690;_ylc=X3oDMTJlYjhiaDk0BF9TAzk3MzU5NzE0BGdycElkAzMwOTc1ODIEZ3Jwc3BJZAMxNzA1MDYzMTA4BHNlYwN2dGwEc2xrA3ZnaHAEc3RpbWUDMTIxOTg0ODI4MQ--)

Drive Traffic
Sponsored Search
(http://us.ard.yahoo.com/SIG=13ofeim4d/M=493064.12016255.12445662.8674578/D=groups/S=1705063108:NC/Y=YAHOO/EXP=1219855481/L=/B=y1bAAELaX9E-/J=1219848281304825/A=4025338/R=0/SIG=12jnci1fd/*http://us.rd.yahoo.com/evt=44092/*http://searchmarketing.yahoo.com/srch/index.php)
can help increase
your site traffic.

Healthy Living
Learn to live life
(http://us.ard.yahoo.com/SIG=13o7s1jo2/M=493064.12662709.12980595.8674578/D=groups/S=1705063108:NC/Y=YAHOO/EXP=1219855481/L=/B=zFbAAELaX9E-/J=1219848281304825/A=5349280/R=0/SIG=11ks6tatn/*http://advision.webevents.yahoo.com/HealthyLiving/)
to the fullest
on Yahoo! Groups.

Yahoo! Groups
Latest product news
(http://us.ard.yahoo.com/SIG=13oa061df/M=493064.12016262.12445669.8674578/D=groups/S=1705063108:NC/Y=YAHOO/EXP=1219855481/L=/B=zVbAAELaX9E-/J=1219848281304825/A=5028926/R=0/SIG=11e3tma2a/*http://new.groups.yahoo.com/moderatorcentral)
Join Mod. Central
stay connected.

.

Clif
You asked "What does LO3 do when going from Rx to Tx?"
Answer: The LO3 is a Xtal cont 8.375 MHz sig that remains constant from Rx
to Tx. Per my Tektronix 2465B scope, it measures 440 mV P-P (311 mV RMS sine).

You also asked: "What does the DL0 on the Carrier unit do?"
Answer: Near as I can tell, it is a 67.05 MHz to 67.55 Mhz sig synthesized
on the Carrier unit (via IC5 mixer) that feeds the IC4 Mixer on the PLL unit
where it is mixed with the buffered (73.15 MHz - 113.05 MHz) VCO1 output.
The output of the IC4 mixer is a is a ragged looking sine sig on my o'scope,
but is cleaned up by a complex filter c/o L15, L16, etc, etc and buffered by
Q17 and Q18, ultimately connected to PLL chip IC5, pin 13 (AMI sig). I
measured this sig w/my scope, now a clean looking (approx 105 nS, about 9.5 MHz sig
at the time of measurement) sine of about 330 mV. Its amplitude decreased

slightly (to 300 mV) when I went to transmit. Sorry, I didn't think to check for a phase shift compared with input signal on pin 5 of the IC5 PLL chip. But, I'll bet there was one ...

I also did some experimenting with the SS (Send Switch and CSS) sig from the IF board to the Digital Unit, connector 4. I found that toggling these sigs to ground produced a change on the PLE1 lead (connector 5 on the Digital Unit) going to connector 2 on the PLL Unit. That lead appears on IC5 PLL Chip. Don't know enough about the logic used here so, I may be chasing a phantom.

Anyway, for now, as I read the CIRCUIT DESCRIPTION, page 8 para 3, LO1 (PLL Loop) I understand (???) that the LO1 output (what ever freq it happens to be) remains constant from transmit to receive.

Is this true? Does your LO1 (on a properly working TS-450S) remain constant from receive to transmit?

Maybe you might be willing to give me your telephone number and I can converse with you on this matter and you can set me straight.

Thanks Clif for your help.

73s,

Dave - WA4PUB

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(http://information.travel.aol.com/deals?ncid=aoltrv00050000000047)

[Non-text portions of this message have been removed]

7249. DSP100 + TS850SAT Tuning Problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-08-29 17:57:31 UTC
From: dmschertzer
Topic: 7249 Message: 7249

Problem:

When tuning my TS-850SAT with the DSP-100 I normally have the TX button on the DSP-100 to OFF or in the OUT position.

When I press the TX button the the DSP-100 to ON or IN position and try to tune with the TS-850SAT it's almost impossible to reach a SWR.

Weird? Am I missing a set-up procedure?

It will tune noramlly without the DSP-100. Why?

7250. RE: [TS-850_450_690] DSP100 + TS850SAT Tuning Problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-08-29 18:41:56 UTC
From: Allan
Topic: 7249 Message: 7250

Hi,
Here is the same thing for me but if I turn the car level at the maximum on the dsp-100, the tuner works perfect. So try this ...
Regards
Allan

> -----Message d'origine-----
> De : TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com] De la part de dmschertzer
> Envoyé : vendredi 29 août 2008 19:58
> À : TS-850_450_690@yahoogroups.com
> Objet : [TS-850_450_690] DSP100 + TS850SAT Tuning Problem
>
> Problem:
>
> When tuning my TS-850SAT with the DSP-100 I normally have the TX button
> on the DSP-100 to OFF or in the OUT position.
>
> When I press the TX button the the DSP-100 to ON or IN position and try
> to tune with the TS-850SAT it's almost impossible to reach a SWR.
>
> Weird? Am I missing a set-up procedure?
>
> It will tune noramlly without the DSP-100. Why?
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>

7251. Looking to buy a DSP-100

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-08-30 02:42:19 UTC
From: Dale
Topic: 7251 Message: 7251

Hello everyone, I'm looking for a Kenwood DSP-100 If you have one and want to sell please email me what you have, condition and price.
Thanks Dale, KD5UVV

7252. Re: [TS-850_450_690] DSP100 + TS850SAT Tuning Problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-08-30 15:21:25 UTC
From: dave schertzer
Topic: 7249 Message: 7252

Ah, that's great! Thanks Allan, it's now working as it should. Will add that step to my set-up configuration. cheers

----- Original Message ----
From: Allan <f14at259@...>
To: TS-850_450_690@yahoogroups.com
Sent: Friday, August 29, 2008 11:41:56 AM
Subject: RE: [TS-850_450_690] DSP100 + TS850SAT Tuning Problem

Hi,
Here is the same thing for me but if I turn the car level at the maximum on
the dsp-100, the tuner works perfect. So try this ...
Regards
Allan

> -----Message d'origine--- --
> De : TS-850_450_690@ yahoogroups. com [mailto:TS-
> 850_450_690@ yahoogroups. com] De la part de dmschertzer
> Envoyé : vendredi 29 août 2008 19:58
> À : TS-850_450_690@ yahoogroups. com
> Objet : [TS-850_450_ 690] DSP100 + TS850SAT Tuning Problem
>
> Problem:
>
> When tuning my TS-850SAT with the DSP-100 I normally have the TX button
> on the DSP-100 to OFF or in the OUT position.
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> to tune with the TS-850SAT it's almost impossible to reach a SWR.
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> Weird? Am I missing a set-up procedure?
>
> It will tune noramlly without the DSP-100. Why?
>
>
> ------------ --------- --------- ------
>
> THANKS FOR USING TS-850_450_690@ YAHOOGROUPS. COMYahoo! Groups Links
>
>
>

[Non-text portions of this message have been removed]

7253. need to know DC voltage for a LFB01 diode

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-09-02 07:30:00 UTC
From: Allan
Topic: 7253 Message: 7253

Hi all,
My 850 is a first generation but recently I see some problem with low receive sensibility and I'd like to make this modification :
http://tk5ep.free.fr/tech/ts850/img/ASB1006B.jpg
I have find different type of DC voltage for LFB01 's : 4v. , 5v. , 6v. or 7volt.
What is the better choice ?
Many thanks for any help,
Regards
Allan

7254. Problems with ATU on TS-850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-09-05 01:51:44 UTC
From: Marc Tessier - VE3TES
Topic: 7254 Message: 7254

Hello Group, allow me to introduce myself, I have been the proud owner/operator of my TS-850 for approx 8 years now, I am also an avid RTTY Contester. Ok, I wont bore you any longer, onto the meat of my question.
First I will attempt to describe my problem the best I can. The ATU in my TS-850 will and has no problem tuning any of my antennas on either 10,12,15,17,20,30 and 160M, now on 40 and 80M where I use either my R7 or a 1/2 wave dipole it shows it tunes the antenna up to a 1:1 match in less than 4 seconds on average, and the SWR to start with on 40M in the RTTY segment of the 40M band is a respectable match to start with , in the neighborhood of a 1.5:1, now here is where it gets weird, after a tune of the antenna and it showing me a 1.1:1 VSWR when I attempt to TX on 40M RTTY, it will now show me a SWR of anywhere between 1.5:1 right up to 3.0:1 and yes the VSWR will fluctuate as well, starting at 1.5 then gradually working its way up to 3.0:1, This same event occurs on 80M where my VSWR is a respectable 1.7:1 in the RTTY portion of that band. Now so far I have attempted a factory reset with no difference, and I also attempted the same operation using my Heathkit Cantenna Dummy load and get the exact same results.

Does anyone in the group have any suggestions I could be checking into, or further tests I could do to help me determine what exactly the problem is, I have also replaced the CMOS battery all though I fail to see how it would only effect the 40 and 80M bands, " Oh yes did I say I was desperate?" HiHi...

Regards,

Marc Tessier - VE3TES
http://home.cogeco.ca/~ve3tes
http://www.eqsl.cc/Member.cfm?VE3TES
ve3tes@...

[Non-text portions of this message have been removed]

7255. Re: [TS-850_450_690] Problems with ATU on TS-850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-09-05 12:28:09 UTC
From: ww3s@zoominternet.net
Topic: 7254 Message: 7255

It's most likely the 40m coil in tuner, I burnt mine up on RTTY. Easy to fix, if you pull the cover off the tuner, you'll most likely see the coil that is burnt. While the tuner will "tune" the antenna, it's best to make sure it's fairly resonant in the portion of the band you wish to operate on.
On Thu 09/ 4/08 9:51 PM , "Marc Tessier - VE3TES" sent:
Hello Group, allow me to introduce myself, I have been the proud owner/operator of my TS-850 for approx 8 years now, I am also an avid RTTY Contester. Ok, I wont bore you any longer, onto the meat of my question.
First I will attempt to describe my problem the best I can. The ATU in my TS-850 will and has no problem tuning any of my antennas on either 10,12,15,17,20,30 and 160M, now on 40 and 80M where I use either my R7 or a 1/2 wave dipole it shows it tunes the antenna up to a 1:1 match in less than 4 seconds on average, and the SWR to start with on 40M in the RTTY segment of the 40M band is a respectable match to start with , in the neighborhood of a 1.5:1, now here is where it gets weird, after a tune of the antenna and it showing me a 1.1:1 VSWR when I attempt to TX on 40M RTTY, it will now show me a SWR of anywhere between 1.5:1 right up to 3.0:1 and yes the VSWR will fluctuate as well, starting at 1.5 then gradually working its way up to 3.0:1, This same event occurs on 80M where my VSWR is a respectable 1.7:1 in the RTTY portion of that band. Now so far I have attempted a factory reset with no difference, and I also attempted the same operation using my Heathkit Cantenna Dummy load and get the exact same results.
Does anyone in the group have any suggestions I could be checking into, or further tests I could do to help me determine what exactly the problem is, I have also replaced the CMOS battery all though I fail to see how it would only effect the 40 and 80M bands, " Oh yes did I say I was desperate?" HiHi...
Regards,
Marc Tessier - VE3TES
http://home.cogeco.ca/~ve3tes [1]
http://www.eqsl.cc/Member.cfm?VE3TES [2]
ve3tes@... [3]
[Non-text portions of this message have been removed]

THANKS FOR USING TS-850_450_690@... [4]! Groups Links
To visit your group on the web, go to:
http://groups.yahoo.com/group/TS-850_450_690/ [5]
Your email settings:
Individual Email | Traditional
To change settings online go to:

http://groups.yahoo.com/group/TS-850_450_690/join [6]
(Yahoo! ID required)
To change settings via email:
TS-850_450_690-digest@yahoogroups.com [7]
TS-850_450_690-fullfeatured@yahoogroups.com [8]
To unsubscribe from this group, send an email to:
TS-850_450_690-unsubscribe@yahoogroups.com [9]
Your use of Yahoo! Groups is subject to:
http://docs.yahoo.com/info/terms/ [10]

Links:
------
[1] http://home.cogeco.ca/~ve3tes
[2] http://www.eqsl.cc/Member.cfm?VE3TES
[3] mailto:ve3tes@...
[4] mailto:TS-850_450_690@...
[5] http://groups.yahoo.com/group/TS-850_450_690/
[6] http://groups.yahoo.com/group/TS-850_450_690/join
[7] mailto:TS-850_450_690-digest@yahoogroups.com
[8] mailto:TS-850_450_690-fullfeatured@yahoogroups.com
[9] mailto:TS-850_450_690-unsubscribe@yahoogroups.com
[10] http://docs.yahoo.com/info/terms/

[Non-text portions of this message have been removed]

7256. Re: [TS-850_450_690] Problems with ATU on TS-850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-09-05 14:10:24 UTC
From: Bob Mantell
Topic: 7254 Message: 7256

My TS-450s has the same problem on 20 meters. What is the fix for the burnt coil?

73 de Bob, K4ESA

Bob Mantell
404-934-9648

--- On Fri, 9/5/08, ww3s@... <ww3s@...> wrote:

From: ww3s@zoominternet.net <ww3s@...>
Subject: Re: [TS-850_450_690] Problems with ATU on TS-850
To: TS-850_450_690@yahoogroups.com
Date: Friday, September 5, 2008, 12:28 PM

It's most likely the 40m coil in tuner, I burnt mine up on RTTY. Easy
to fix, if you pull the cover off the tuner, you'll most likely see
the coil that is burnt. While the tuner will "tune" the antenna,
it's
best to make sure it's fairly resonant in the portion of the band you
wish to operate on.
On Thu 09/ 4/08 9:51 PM , "Marc Tessier - VE3TES" sent:
Hello Group, allow me to introduce myself, I have been the proud
owner/operator of my TS-850 for approx 8 years now, I am also an avid
RTTY Contester. Ok, I wont bore you any longer, onto the meat of my
question.
First I will attempt to describe my problem the best I can. The ATU
in my TS-850 will and has no problem tuning any of my antennas on
either 10,12,15,17,20,30 and 160M, now on 40 and 80M where I use
either my R7 or a 1/2 wave dipole it shows it tunes the antenna up to
a 1:1 match in less than 4 seconds on average, and the SWR to start
with on 40M in the RTTY segment of the 40M band is a respectable
match to start with , in the neighborhood of a 1.5:1, now here is
where it gets weird, after a tune of the antenna and it showing me a
1.1:1 VSWR when I attempt to TX on 40M RTTY, it will now show me a
SWR of anywhere between 1.5:1 right up to 3.0:1 and yes the VSWR will
fluctuate as well, starting at 1.5 then gradually working its way up
to 3.0:1, This same event occurs on 80M where my VSWR is a
respectable 1.7:1 in the RTTY portion of that band. Now so far I have
attempted a factory reset with no difference, and I also attempted the
same operation using my Heathkit Cantenna Dummy load and get the exact
same results.
Does anyone in the group have any suggestions I could be checking
into, or further tests I could do to help me determine what exactly
the problem is, I have also replaced the CMOS battery all though I
fail to see how it would only effect the 40 and 80M bands, " Oh yes
did I say I was desperate?" HiHi...

Regards,
Marc Tessier - VE3TES
http://home.cogeco.ca/~ve3tes [1]
http://www.eqsl.cc/Member.cfm?VE3TES [2]
ve3tes@... [3]
[Non-text portions of this message have been removed]

THANKS FOR USING TS-850_450_690@... [4]! Groups Links
To visit your group on the web, go to:
http://groups.yahoo.com/group/TS-850_450_690/ [5]
Your email settings:
Individual Email | Traditional
To change settings online go to:
http://groups.yahoo.com/group/TS-850_450_690/join [6]
(Yahoo! ID required)
To change settings via email:
TS-850_450_690-digest@yahoogroups.com [7]
TS-850_450_690-fullfeatured@yahoogroups.com [8]
To unsubscribe from this group, send an email to:
TS-850_450_690-unsubscribe@yahoogroups.com [9]
Your use of Yahoo! Groups is subject to:
http://docs.yahoo.com/info/terms/ [10]

Links:
---
[1] http://home.cogeco.ca/~ve3tes
[2] http://www.eqsl.cc/Member.cfm?VE3TES
[3] mailto:ve3tes@...
[4] mailto:TS-850_450_690@...
[5] http://groups.yahoo.com/group/TS-850_450_690/
[6] http://groups.yahoo.com/group/TS-850_450_690/join
[7] mailto:TS-850_450_690-digest@yahoogroups.com
[8] mailto:TS-850_450_690-fullfeatured@yahoogroups.com
[9] mailto:TS-850_450_690-unsubscribe@yahoogroups.com
[10] http://docs.yahoo.com/info/terms/

[Non-text portions of this message have been removed]

THANKS FOR USING TS-850_450_690@...! Groups Links

[Non-text portions of this message have been removed]

7257. Re: Problems with ATU on TS-850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-09-07 02:29:49 UTC
From: ve3tes
Topic: 7254 Message: 7257

Well It sure seems that WW3S hit the nail right on the head, after opening my TS850 and a close examination of the ATU, shows a burnt or cooked toroidal coil, part ref# L110 or Kenwood Part # is L39-0479-05 its listed as a 7MHz toroidal coil. and well its as black as midnight...hihi. I already ordered the part from East Coast Parts and shipped its under 20 dollars, not too bad for my first repair bill on my TS850 after a many good hard worked hours of use...

I will update the group once the part comes in and I have it installed, and I will also at this time like to thank the group for any and all help I received a special thank you will go out to WW3S for his insight into my problem...

73 and best DX to one and all!!!

Regards,

Marc Tessier - VE3TES

--- In TS-850_450_690@yahoogroups.com, ww3s@... wrote:
>
> It's most likely the 40m coil in tuner, I burnt mine up on RTTY. Easy
> to fix, if you pull the cover off the tuner, you'll most likely see
> the coil that is burnt. While the tuner will "tune" the antenna, it's
> best to make sure it's fairly resonant in the portion of the band you
> wish to operate on.

7258. Kenwood TS-450S

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-09-07 02:12:34 UTC
From: fred701
Topic: 7258 Message: 7258

I purchased a internal tuner for this radio,installed it and have not
got it to work.
I checked all connections, went through all menu instructions on radio
ect.
This is the first and only tuner that has been installed in this radio.
I did follow instructions for installation of a internal tuner on page
#84 of the manual.
It don't click, can't here or see any gears turning, noting lights up
on the display.
It does not seem to be getting power.
Do the power come through the flat cable?
Can't get it to tune!!!!

Thanks

7259. Re: Kenwood TS-450S

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-09-07 18:58:38 UTC
From: Clif
Topic: 7258 Message: 7259

Hold down the enter key and turn on the radio. That's the menu for
setting filters. If #1 is on you have enabled the EXTERNAL TUNER and
the internal unit is disabled. Turn #1 OFF.

Clif

--- In TS-850_450_690@yahoogroups.com, "fred701" <fredmiddleton@...>
wrote:
>
> I purchased a internal tuner for this radio,installed it and have not
> got it to work.
> I checked all connections, went through all menu instructions on radio
> ect.
> This is the first and only tuner that has been installed in this radio.
> I did follow instructions for installation of a internal tuner on page
> #84 of the manual.
> It don't click, can't here or see any gears turning, noting lights up
> on the display.
> It does not seem to be getting power.
> Do the power come through the flat cable?
> Can't get it to tune!!!!
>
> Thanks
>

7260. Re: [TS-850_450_690] Re: Kenwood TS-450S

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-09-07 20:01:05 UTC
From: Fred Middleton
Topic: 7258 Message: 7260

Thanks so much.
That was the problem, Clif.
Again, TNX!!!!!!!

Fred

----- Original Message ----
From: Clif <clif@...>
To: TS-850_450_690@yahoogroups.com
Sent: Sunday, September 7, 2008 1:58:38 PM
Subject: [TS-850_450_690] Re: Kenwood TS-450S

Hold down the enter key and turn on the radio. That's the menu for
setting filters. If #1 is on you have enabled the EXTERNAL TUNER and
the internal unit is disabled. Turn #1 OFF.

Clif

--- In TS-850_450_690@ yahoogroups. com, "fred701" <fredmiddleton@ ...>
wrote:
>
> I purchased a internal tuner for this radio,installed it and have not
> got it to work.
> I checked all connections, went through all menu instructions on radio
> ect.
> This is the first and only tuner that has been installed in this radio.
> I did follow instructions for installation of a internal tuner on page
> #84 of the manual.
> It don't click, can't here or see any gears turning, noting lights up
> on the display.
> It does not seem to be getting power.
> Do the power come through the flat cable?
> Can't get it to tune!!!!
>
> Thanks
>

[Non-text portions of this message have been removed]

7261. Dead display on an TS-850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-09-08 05:04:12 UTC
From: lichfish
Topic: 7238 Message: 7261

I found C18 was leaking and the traces were damaged on the display board. My question is can I install the new capacitor on the other side of the board to make it easier to repair the
traces. It looks like it will fit. Thanks again for all the groups help. Your a big help.
Jim
N7EUF

7262. TS 850 Receive problem using the antenna tuner

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-09-08 03:33:08 UTC
From: John
Topic: 7262 Message: 7262

I was using my TS 850 on cw during a very light rain. I heard a pop in the back of my 850.

Now it transmits and receives fine without the antenna tuner switched in. When I activated the automatic antenna tuner, it appears to tune the antenna but when it returns to the receive mode a very strong (S9 + 20) noise is generated in the receiver. Very strong signals can be received if they are above the noise level. If I switch the antenna tuner out, it receives fine.

I would appreciate any help.

73's John N5RK

7263. chi mi puo aiutare?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-09-08 12:36:21 UTC
From: loreto20032000
Topic: 7263 Message: 7263

sono disperato!!!!!!!!
ho smarrito nel traslocare la stazione i cavi di collegamento
del dsp 100 ,non ho dimestichezza con il saldatore......
pagando il dovuto ,chi mi puo aiutare?
grazie Sergio

7264. Re: Dead display on an TS-850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-09-08 16:21:14 UTC
From: Clif
Topic: 7238 Message: 7264

Sure, I've done it several times.

Clif

--- In TS-850_450_690@yahoogroups.com, "lichfish" <jsecl@...> wrote:
>
> I found C18 was leaking and the traces were damaged on the display board. My question is
> can I install the new capacitor on the other side of the board to make it easier to repair the
> traces. It looks like it will fit. Thanks again for all the groups help. Your a big help.
> Jim
> N7EUF
>

7265. Re: chi mi puo aiutare?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-09-08 16:46:14 UTC
From: ik8vze
Topic: 7263 Message: 7265

Io ho risolto il problema simile al tuo,ho acquistato il dsp senza cavi l'unico che ti puo' aiutare è la Kenwood a Milano,oppure io li ho acquistati qui: la KS SERVICE sempre a Milano,tieni conto che solo i cavetti vengono circa 200 euro tutti e 4!(ksservice.it) 73 de IK8VZE ESPEDITO

--- In TS-850_450_690@yahoogroups.com, "loreto20032000" <loreto20032000@...> wrote:

>
> sono disperato!!!!!!!!
> ho smarrito nel traslocare la stazione i cavi di collegamento
> del dsp 100 ,non ho dimestichezza con il saldatore......
> pagando il dovuto ,chi mi puo aiutare?
> grazie Sergio
>

7266. Re: chi mi puo aiutare?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-09-08 17:13:44 UTC
From: ik8vze
Topic: 7263 Message: 7266

--- In TS-850_450_690@yahoogroups.com, "loreto20032000"
<loreto20032000@...> wrote:
>
> sono disperato!!!!!!!!
> ho smarrito nel traslocare la stazione i cavi di collegamento
> del dsp 100 ,non ho dimestichezza con il saldatore......
> pagando il dovuto ,chi mi puo aiutare?
> grazie Sergio

>Passando a un discoro piu' tecnico non saprei quale dei 4 cavetti ti
manca, in ogni caso dal service manual o dal manuale operativo del dsp-
100,puoi individuarli e richiederli dove ti ho scritto in
precedenza,tenendo conto che ciascuno cavo è contrassegnato da un
proprio codice di individuazione, assegnato dalla casa costruttrice
kenwood,solo quel codice identifica il cavetto giusto che ti
occorre.Col saldatore anche se sei bravo temo che incontrerai sempre
difficolta' e poi dovresti comunque utilizzare del cavo audio apposito
schermato,mentre i connettori din a 7 e 13 pin sono
facilmente...reperibili compresi i 4 connettori RCA maschi.

7267. TS-450 low pwr on FM, FSK, & CW

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-09-11 15:36:59 UTC
From: Sam M
Topic: 7267 Message: 7267

I have a TS-450SAT that has developed a low power out in CW, FSK and FM modes.
It still has 100w out on LSB, USB, and AM.
all the above tests are running into a dummy load!

Initially it was just a drop in power on 160m CW that I noticed when tuning up.
A slight drop on 80m but was ok from 40m to 10m.
When the rig was turned on it had 100w CW output.
After the rig had been on (in RX) instead of 100w, it fell to about 70w,
then by a few weeks later it was falling to 25w,
and now it is at the point of only enough output
(again we are talking in cw mode) to light one bar on the pwr out meter.
The low output in now on all bands!
But still I get 100w when in SSB or AM on any band.

I was trying to trouble shoot and found
that FM and FSK modes also have the same minimal output.

Has anyone got a clue bone they could throw me?
I don't think it's in the filter board or the rf final board,
since I can get key down 100w in AM into a dummy load
for a significant time with no power lose.

It did seem to be heat related at first, and also there was the frequency
relationship, where it was worse on 160m and better as you went down (or up
depending on your way of looking at it) but now it's so bad that the rig doesn't
even have time to warm up b4 the output is gone.

Sure hope one of you folks can point me in the right direction, I sure like the
rig and would hate to have to shelve it.
--
GB & 73
KA5OAI
Sam Morgan
http://linuxbasics.org
Linux, the lifetime learning experience.

7268. filters help

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-09-11 19:13:47 UTC
From: Paul Spiteri
Topic: 7268 Message: 7268

Hi everybody,
Just notice a little problem on my TS-850. On SSB receiving I make the filters 8.83 6k and the 455 2.7 k. As I transmit they remains the same. On LSB receiving I notice that when I transmit the filters change. On receive 2.7k 6 k and when transmit they change to 6k 2.7 k. Is this normal or I have something going not good ? For info I have the 2 500 Hz filters installed.
I changed also the PTT but it makes the same.
73s
9H1SP
Paul

--
I am using the free version of SPAMfighter for home users.
SPAMfighter has removed 739 spam emails to date.
Paying users do not have this message in their emails.
Get the free SPAMfighter here: http://www.spamfighter.com/len

[Non-text portions of this message have been removed]

7269. AT-850 Wanted

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-09-12 03:32:30 UTC
From: Crownhaven
Topic: 7269 Message: 7269

If anyone has a WORKING AT-850, I am interested in it.

Steve, N4JQQ

7270. R: [TS-850_450_690] filters help

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-09-12 05:52:40 UTC
From: marco marco
Topic: 7268 Message: 7270

Hi, ...you have avaiable the filter also in trasmission..select the wished filter during the transmission.
73 de IW0GEQ.

--- Gio 11/9/08, Paul Spiteri <9h1sp@...> ha scritto:

Da: Paul Spiteri <9h1sp@nextgen.net.mt>
Oggetto: [TS-850_450_690] filters help
A: TS-850_450_690@yahoogroups.com
Data: Giovedì 11 settembre 2008, 21:13

Hi everybody,
Just notice a little problem on my TS-850. On SSB receiving I make the filters 8.83 6k and the 455 2.7 k. As I transmit they remains the same. On LSB receiving I notice that when I transmit the filters change. On receive 2.7k 6 k and when transmit they change to 6k 2.7 k. Is this normal or I have something going not good ? For info I have the 2 500 Hz filters installed.
I changed also the PTT but it makes the same.
73s
9H1SP
Paul

--
I am using the free version of SPAMfighter for home users.
SPAMfighter has removed 739 spam emails to date.
Paying users do not have this message in their emails.
Get the free SPAMfighter here: http://www.spamfigh ter.com/len

[Non-text portions of this message have been removed]

Do You Yahoo!?
Poco spazio e tanto spam? Yahoo! Mail ti protegge dallo spam e ti da tanto spazio gratuito per i tuoi file e i messaggi
http://mail.yahoo.it

[Non-text portions of this message have been removed]

7271. TS850 stuck in transmit

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-09-15 10:56:58 UTC
From: k8isk
Topic: 7271 Message: 7271

Hi all,

I had a failure on a TS850 over the weekend where the rig stays in transmit all the time. It occured after about 3 hours of operation. Anyone ever had this happen before?

Thanks,

Terry

7272. Re: [TS-850_450_690] TS850 stuck in transmit

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-09-15 15:14:52 UTC
From: John Kramer
Topic: 7271 Message: 7272

I know this sounds obvious, but is the "recv/send" button in the top
left
depressed ? there are also ptt points on the back of the rig, that might
have gone to ground - have you got any cables plugged into the rear of
the
850, that are plugged into any accy din or 13 pin plug point ? If so,
remove
them and re-check.

73
John

On 15 Sep 2008, at 12:56 PM, k8isk wrote:

> Hi all,
>
> I had a failure on a TS850 over the weekend where the rig stays in
> transmit all the time. It occured after about 3 hours of operation.
> Anyone ever had this happen before?
>
> Thanks,
>
> Terry
>
>
>

[Non-text portions of this message have been removed]

7273. Re: [TS-850_450_690] TS850 stuck in transmit

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-09-15 15:10:39 UTC
From: Mike Christiansen
Topic: 7271 Message: 7273

I got this information from this site. I hope it helps

http://n6tr.jzap.com/850repair.html

Radio stuck in send mode - no receive. - submitted by I7ALE

The problem was that when you switched the radio on, in would go in "SEND" status, in any band or any mode. The set was perfectly working, in the "Send" condition, but no way to have it go back to "receive".

After checking out all the most likely "areas" for this problem (microphone port, SEND/REC push button, keyer input, etc.), further analysis of the digital unit X46-3080-A4 and in particular of the IC2 processor revealed that pin 5 of IC2 was LOW, as it should be when the rig is in the SEND condition. This pin is also connected to the SS line, going from IF UNIT to the digital unit and to other boards, among which the BK SW, which is an interface between the CW KEY port and the IF UNIT. It was discovered that the problem was due to a short between the collector and emitter of the "digital transistor" Q3 in the BK SW board, which short forced the SS line to LOW. Replacing the damaged transistor (DTC 124EK) solved the problem.

Mike, N4GW

On Sep 15, 2008, at 6:56 AM, k8isk wrote:

> Hi all,
>
> I had a failure on a TS850 over the weekend where the rig stays in
> transmit all the time. It occured after about 3 hours of operation.
> Anyone ever had this happen before?
>
> Thanks,
>
> Terry
>
>
>

[Non-text portions of this message have been removed]

7274. Re: [TS-850_450_690] AT-850 Wanted

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-09-15 16:20:28 UTC
From: Steve Hays
Topic: 7269 Message: 7274

You and I both.....

On Thu, Sep 11, 2008 at 10:32 PM, Crownhaven <crownhaven@...> wrote:
> If anyone has a WORKING AT-850, I am interested in it.
>
> Steve, N4JQQ
>
>

7275. Re: [TS-850_450_690] AT-850 Wanted

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-09-15 19:23:34 UTC
From: ve3wej gmail
Topic: 7269 Message: 7275

there is/was one (expensive) on qth.com

VE3WEJ
Dave Garber

10-X # 23465
echolink # 52852
irlp node 2202
email ve3wej@...
----- Original Message -----
From: Steve Hays
To: TS-850_450_690@yahoogroups.com
Sent: Monday, September 15, 2008 12:20 PM
Subject: Re: [TS-850_450_690] AT-850 Wanted

You and I both.....

On Thu, Sep 11, 2008 at 10:32 PM, Crownhaven <crownhaven@...>
wrote:
> If anyone has a WORKING AT-850, I am interested in it.
>
> Steve, N4JQQ
>
>

7276. Re: [TS-850_450_690] AT-850 Wanted

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-09-15 19:26:00 UTC
From: ve3wej gmail
Topic: 7269 Message: 7276

Listing #688056 @ http://swap.qth.com/

VE3WEJ
Dave Garber

10-X # 23465
echolink # 52852
irlp node 2202
email ve3wej@...
----- Original Message -----
From: Steve Hays
To: TS-850_450_690@yahoogroups.com
Sent: Monday, September 15, 2008 12:20 PM
Subject: Re: [TS-850_450_690] AT-850 Wanted

You and I both.....

On Thu, Sep 11, 2008 at 10:32 PM, Crownhaven <crownhaven@...> wrote:
> If anyone has a WORKING AT-850, I am interested in it.
>
> Steve, N4JQQ
>
>

[Non-text portions of this message have been removed]

7277. Re: [TS-850_450_690] TS850 stuck in transmit

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-09-16 00:59:07 UTC
From: k8isk@comcast.net
Topic: 7271 Message: 7277

Thanks!!!!!!!!!!!!!!!

Terry

---------- Original message ----------
From: Mike Christiansen <starmike@...>
I got this information from this site. I hope it helps

http://n6tr.jzap.com/850repair.html

Radio stuck in send mode - no receive. - submitted by I7ALE

The problem was that when you switched the radio on, in would go in
"SEND" status, in any band or any mode. The set was perfectly working,
in the "Send" condition, but no way to have it go back to "receive".

After checking out all the most likely "areas" for this problem
(microphone port, SEND/REC push button, keyer input, etc.), further
analysis of the digital unit X46-3080-A4 and in particular of the IC2
processor revealed that pin 5 of IC2 was LOW, as it should be when the
rig is in the SEND condition. This pin is also connected to the SS
line, going from IF UNIT to the digital unit and to other boards,
among which the BK SW, which is an interface between the CW KEY port
and the IF UNIT. It was discovered that the problem was due to a short
between the collector and emitter of the "digital transistor" Q3 in
the BK SW board, which short forced the SS line to LOW. Replacing the
damaged transistor (DTC 124EK) solved the problem.

Mike, N4GW

On Sep 15, 2008, at 6:56 AM, k8isk wrote:

> Hi all,
>
> I had a failure on a TS850 over the weekend where the rig stays in
> transmit all the time. It occured after about 3 hours of operation.
> Anyone ever had this happen before?
>
> Thanks,
>
> Terry
>
>
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

7278. RE: [TS-850_450_690] TS850 stuck in transmit

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-09-16 10:52:12 UTC
From: Robert Hunter
Topic: 7271 Message: 7278

I have had my 850 go into transmit and stay there.

I think there are two was to put the 850 in transmit, shorting the PTT line to ground and a software command.

I am going on memory but I use computer control so the computer could be sending a software command to go into transmit. If a grounded PTT line isn't the cause try a Microprocessor reset. (You will lose saved frequencies).

POWER OFF

Then

PRESS and hold "A=B"

PRESS Power On

And I just saw in the manual a less severe reset

PRESS and hold RX-A

PRESS Power On

It is page 37 in my manual paragraph 4-11-2B

Bob NG2P

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of k8isk
Sent: Monday, September 15, 2008 6:57 AM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] TS850 stuck in transmit

Hi all,

I had a failure on a TS850 over the weekend where the rig stays in transmit all the time. It occured after about 3 hours of operation. Anyone ever had this happen before?

Thanks,

Terry

[Non-text portions of this message have been removed]

7279. Other active TS-450 groups please?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-09-16 16:06:31 UTC
From: Sam M
Topic: 7279 Message: 7279

It would seem this list is 90% TS-850 orientated.
Questions directed towards the TS-450 or 690 are rarely if ever responded to.

I am looking for help with a TS-450 problem.
If anyone could point me towards an active TS-450 group,
where I might find some help it would be greatly appreciated.

TIA

PS
no disrespect intended, but I am not in need of TS-850 related help.
--
GB & 73
KA5OAI
Sam Morgan

7280. Re: Other active TS-450 groups please?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-09-16 17:41:51 UTC
From: wd0bwm
Topic: 7279 Message: 7280

Hello Sam,

I agree with what you said. I'm a TS-450S owner also and a search for the 450 doesn't bring up much. What is your 450 problem?? I may not be much help but worth a try.

Don, wd0bwm

--- In TS-850_450_690@yahoogroups.com, Sam M <ka5oai@...> wrote:
>
> It would seem this list is 90% TS-850 orientated.
> Questions directed towards the TS-450 or 690 are rarely if ever responded to.
>
> I am looking for help with a TS-450 problem.
> If anyone could point me towards an active TS-450 group,
> where I might find some help it would be greatly appreciated.
>
> TIA
>
> PS
> no disrespect intended, but I am not in need of TS-850 related help.
> --
> GB & 73
> KA5OAI
> Sam Morgan
>

7281. Re: Other active TS-450 groups please?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-09-16 18:28:26 UTC
From: Clif
Topic: 7279 Message: 7281

I tend to disagree on the help end. I respond to all messages I can help with as do the others. Yours is a unique problem that I personally have not seen so I didn't respond. While I have no doubt I can fix it I don't have a ready answer on how you can fix it.

Clif

--- In TS-850_450_690@yahoogroups.com, Sam M <ka5oai@...> wrote:
>
> It would seem this list is 90% TS-850 orientated.
> Questions directed towards the TS-450 or 690 are rarely if ever responded to.
>
> I am looking for help with a TS-450 problem.
> If anyone could point me towards an active TS-450 group,
> where I might find some help it would be greatly appreciated.
>
> TIA
>
> PS
> no disrespect intended, but I am not in need of TS-850 related help.
> --
> GB & 73
> KA5OAI
> Sam Morgan
>

7282. Re: [TS-850_450_690] Other active TS-450 groups please?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-09-16 18:39:33 UTC
From: Zack Widup
Topic: 7279 Message: 7282

I would help if it were a 440 or 850 but I don't own a 450.

I know a fair amount about repairs to the 440 and 850.

I wonder how many here have a 450?

73, Zack W9SZ

On Tue, 16 Sep 2008, Sam M wrote:

> It would seem this list is 90% TS-850 orientated.
> Questions directed towards the TS-450 or 690 are rarely if ever responded to.
>
> I am looking for help with a TS-450 problem.
> If anyone could point me towards an active TS-450 group,
> where I might find some help it would be greatly appreciated.
>
> TIA
>
> PS
> no disrespect intended, but I am not in need of TS-850 related help.
>

7283. Re: [TS-850_450_690] Other active TS-450 groups please?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-09-16 21:41:16 UTC
From: Crownhaven
Topic: 7279 Message: 7283

I have a 450, 690, 850, 870.

Steve, N4JQQ

Zack Widup wrote:
>
>
> I would help if it were a 440 or 850 but I don't own a 450.
>
> I know a fair amount about repairs to the 440 and 850.
>
> I wonder how many here have a 450?
>
> 73, Zack W9SZ
>
> On Tue, 16 Sep 2008, Sam M wrote:
>
> > It would seem this list is 90% TS-850 orientated.
> > Questions directed towards the TS-450 or 690 are rarely if ever
> responded to.
> >
> > I am looking for help with a TS-450 problem.
> > If anyone could point me towards an active TS-450 group,
> > where I might find some help it would be greatly appreciated.
> >
> > TIA
> >
> > PS
> > no disrespect intended, but I am not in need of TS-850 related help.
> >
>
>

7284. Re: [TS-850_450_690] Re: Other active TS-450 groups please?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-09-17 00:02:31 UTC
From: Sam M
Topic: 7279 Message: 7284

wd0bwm wrote:
> I agree with what you said. I'm a TS-450S owner also and a search
> for the 450 doesn't bring up much. What is your 450 problem?? I
> may not be much help but worth a try.
>
see message: http://groups.yahoo.com/group/TS-850_450_690/message/7267

--
GB & 73
KA5OAI
Sam Morgan

7285. Re: [TS-850_450_690] Re: Other active TS-450 groups please?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-09-17 00:21:24 UTC
From: Sam M
Topic: 7279 Message: 7285

Clif wrote:
>
>
> I tend to disagree on the help end. I respond to all messages I can
> help with as do the others. Yours is a unique problem that I
> personally have not seen so I didn't respond. While I have no doubt I
> can fix it I don't have a ready answer on how you can fix it.
>
understandable Clif and I respect your point, however,
a search on the groups site for "TS-450" brings 974 hits
a search for "TS-690" brings 304 hits
a search for TS-850 brings a warning that there are over 5000 results
and one needs to restate your search.

so I believe my comment, that this group is 90% TS-850 orientated,
was in fact incorrect, it's more like 85% or so. ;-)
not that I begrudge TS-850 owners having the excellent support,
I'm just asking if anyone could point towards a more TS-450 leaning group,
where I might have more luck finding answers?

> --- In TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>, Sam M <ka5oai@...> wrote:
>>
>> It would seem this list is 90% TS-850 orientated.
>> Questions directed towards the TS-450 or 690 are rarely if ever
> responded to.
>>
>> I am looking for help with a TS-450 problem.
>> If anyone could point me towards an active TS-450 group,
>> where I might find some help it would be greatly appreciated.
>>
>> TIA
>>
>> PS
>> no disrespect intended, but I am not in need of TS-850 related help.

--
GB & 73
KA5OAI
Sam Morgan
http://linuxbasics.org
Linux, the lifetime learning experience.

7286. Re: [TS-850_450_690] Other active TS-450 groups please?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-09-17 03:42:32 UTC
From: Tom Osborne
Topic: 7279 Message: 7286

I do. In fact 2 of them.
Tom W7WHY

>
> I wonder how many here have a 450?
>
> 73, Zack W9SZ

7287. Re: Other active TS-450 groups please?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-09-17 18:35:58 UTC
From: n5kzw
Topic: 7279 Message: 7287

TS-430, TS-440, and TS-450 (2 ea).

Regards,
Ed

--- In TS-850_450_690@yahoogroups.com, Zack Widup <w9sz@...> wrote:
>
>
> I would help if it were a 440 or 850 but I don't own a 450.
>
> I know a fair amount about repairs to the 440 and 850.
>
> I wonder how many here have a 450?
>
> 73, Zack W9SZ

7288. Re: Other active TS-450 groups please?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-09-17 22:50:13 UTC
From: ozecosse
Topic: 7279 Message: 7288

Hi Group,

It's my first post, although have been a member for some time. Am a happy owner of a TS-450, in Melbourne, Australia.

cheers
Rod VK3MRT

7289. Re: Problems with ATU on TS-850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-09-17 23:35:56 UTC
From: ve3tes
Topic: 7254 Message: 7289

Hello again Group Its me again with a update/report on the status of my 850 ATU. I receieved the torroidal coil from East Coast Parts, and installed it, It was an easy install too I will add, and low and behold my ATU is now functioning the way it should be once again!!!

Thank you to any and all that replied to my cry for help on this matter and a specioal thanks to WW3S for his insight to my problem, From now on I will run my amp on 40 RTTY and keep my drive level down on my 850...

73 and Good DX !!!
de
Marc Tessier - VE3TES

--- In TS-850_450_690@yahoogroups.com, "ve3tes" <ve3tes@...> wrote:
>
> Well It sure seems that WW3S hit the nail right on the head, after
> opening my TS850 and a close examination of the ATU, shows a burnt
or
> cooked toroidal coil, part ref# L110 or Kenwood Part # is L39-0479-
05
> its listed as a 7MHz toroidal coil. and well its as black as
> midnight...hihi. I already ordered the part from East Coast Parts
and
> shipped its under 20 dollars, not too bad for my first repair bill
on
> my TS850 after a many good hard worked hours of use...
>
> I will update the group once the part comes in and I have it
installed,
> and I will also at this time like to thank the group for any and
all
> help I received a special thank you will go out to WW3S for his
insight
> into my problem...
>
> 73 and best DX to one and all!!!
>
> Regards,
>
> Marc Tessier - VE3TES
>
>
> --- In TS-850_450_690@yahoogroups.com, ww3s@ wrote:
> >
> > It's most likely the 40m coil in tuner, I burnt mine up on RTTY.

Easy
> > to fix, if you pull the cover off the tuner, you'll most likely
see
> > the coil that is burnt. While the tuner will "tune" the antenna,
it's
> > best to make sure it's fairly resonant in the portion of the band
you
> > wish to operate on.
>

7290. Re: [TS-850_450_690] Re: Problems with ATU on TS-850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-09-18 01:37:47 UTC
From: Crownhaven
Topic: 7254 Message: 7290

A friend of mine used my TS-450S/AT in a CW contest in C6. He tuned a
40 meter resonant dipole to 80 meters. Tuner flattened it right out.
But, it still burned up the tuner. Just because you get a flat SWR with
the inboard tuner doesn't mean you can't destroy it.

Steve, N4JQQ

ve3tes wrote:
>
> Hello again Group Its me again with a update/report on the status of
> my 850 ATU. I receieved the torroidal coil from East Coast Parts, and
> installed it, It was an easy install too I will add, and low and
> behold my ATU is now functioning the way it should be once again!!!
>
> Thank you to any and all that replied to my cry for help on this
> matter and a specioal thanks to WW3S for his insight to my problem,
> >From now on I will run my amp on 40 RTTY and keep my drive level down
> on my 850...
>
> 73 and Good DX !!!
> de
> Marc Tessier - VE3TES
>
> --- In TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>, "ve3tes" <ve3tes@...> wrote:
> >
> > Well It sure seems that WW3S hit the nail right on the head, after
> > opening my TS850 and a close examination of the ATU, shows a burnt
> or
> > cooked toroidal coil, part ref# L110 or Kenwood Part # is L39-0479-
> 05
> > its listed as a 7MHz toroidal coil. and well its as black as
> > midnight...hihi. I already ordered the part from East Coast Parts
> and
> > shipped its under 20 dollars, not too bad for my first repair bill
> on
> > my TS850 after a many good hard worked hours of use...
> >
> > I will update the group once the part comes in and I have it
> installed,
> > and I will also at this time like to thank the group for any and
> all
> > help I received a special thank you will go out to WW3S for his
> insight
> > into my problem...

> >
> > 73 and best DX to one and all!!!
> >
> > Regards,
> >
> > Marc Tessier - VE3TES
> >
> >
> > --- In TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>, ww3s@ wrote:
> > >
> > > It's most likely the 40m coil in tuner, I burnt mine up on RTTY.
> Easy
> > > to fix, if you pull the cover off the tuner, you'll most likely
> see
> > > the coil that is burnt. While the tuner will "tune" the antenna,
> it's
> > > best to make sure it's fairly resonant in the portion of the band
> you
> > > wish to operate on.
> >
>
>

7291. Re: [TS-850_450_690] Re: Problems with ATU on TS-850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-09-18 10:32:26 UTC
From: Jack Weber
Topic: 7254 Message: 7291

Hi Marc,

Congrats on repairing the ATU in your 850! Thanks also for supplying feedback to the group so that we can have perhaps a little better understanding of our beloved 850's too. Have fun spittin' RF!

73,
Jack, N3JLW

----- Original Message -----
From: "ve3tes" <ve3tes@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Wednesday, September 17, 2008 7:35 PM
Subject: [TS-850_450_690] Re: Problems with ATU on TS-850

> Hello again Group Its me again with a update/report on the status of
> my 850 ATU. I receieved the torroidal coil from East Coast Parts, and
> installed it, It was an easy install too I will add, and low and
> behold my ATU is now functioning the way it should be once again!!!
>
> Thank you to any and all that replied to my cry for help on this
> matter and a specioal thanks to WW3S for his insight to my problem,
> From now on I will run my amp on 40 RTTY and keep my drive level down
> on my 850...
>
> 73 and Good DX !!!
> de
> Marc Tessier - VE3TES

7292. TS850sat - Display Board C18 repair

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-09-18 18:45:50 UTC
From: m0ajm
Topic: 7292 Message: 7292

Hi There - I wonder if anyone can suggest a good way to repair the through holes on the C18 cap, located on the display board.

As the through holes and track were damaged thru the leaky cap, where would be the best place to connect the cap to. I think the (+) side of the cap could go through the hole to the solder side of the board, then a bridge to the second pin of the transformer, but not really sure where to find a good and proper connection for the (-) side of the cap.

Not really an expert on these things, but any advice,suggestions would be much appreciated. Photos would be great.

Many thanks for looking.

73 de Jerry - m0ajm

7293. Re: Problems with ATU on TS-850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-09-18 21:05:48 UTC
From: Marc Tessier
Topic: 7254 Message: 7293

Well I generally only use dipoles designed for said bands, and never try to load any antenna that it was not designed for, my tuner went south because my home brew amp does not have a tuned input and I was very green and drove the supreme snot out of it at first, I have since learned to cut back the input power to my amp to say 25 watts still gives me about 400 watts out, more than I will ever require for RTTY contesting...

Regards,

Marc Tessier - VE3TES

--- In TS-850_450_690@yahoogroups.com, Crownhaven <crownhaven@...> wrote:
>
> A friend of mine used my TS-450S/AT in a CW contest in C6. He tuned a
> 40 meter resonant dipole to 80 meters. Tuner flattened it right out.
> But, it still burned up the tuner. Just because you get a flat SWR with
> the inboard tuner doesn't mean you can't destroy it.
>
> Steve, N4JQQ
>

7294. TS850 audio hiss reduction ?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-09-22 20:02:18 UTC
From: tk5ep
Topic: 7294 Message: 7294

Hello,

Has anybody done a modification to the TS850 to reduce the AF hiss
that subsists ? It's more noticeable on the headphones.

73, Patrick
TK5EP

7295. Re: [TS-850_450_690] TS850 audio hiss reduction ?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-09-22 20:39:01 UTC
From: ve3wej gmail
Topic: 7294 Message: 7295

what hiss!!!...

VE3WEJ
Dave Garber

10-X # 23465
echolink # 52852
irlp node 2202
email ve3wej@...
----- Original Message -----
From: tk5ep
To: TS-850_450_690@yahoogroups.com
Sent: Monday, September 22, 2008 4:02 PM
Subject: [TS-850_450_690] TS850 audio hiss reduction ?

Hello,

Has anybody done a modification to the TS850 to reduce the AF hiss
that subsists ? It's more noticeable on the headphones.

73, Patrick
TK5EP

[Non-text portions of this message have been removed]

7296. Re: [TS-850_450_690] TS850 audio hiss reduction ?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-09-23 00:44:00 UTC
From: Anthony W. DePrato WA4JQS
Topic: 7294 Message: 7296

At 04:39 PM 9/22/2008, you wrote:
>what hiss!!!...
>
>I have two 850sat's up and going an have never heard the hiss

73 Tony

Anthony W. DePrato WA4JQS
QCWA # 23602 10X # 3621
A1-OP FISTS # 10573 VBA # 55 AMI # 1274
NCDXF # 1036 RNARS # 1309 SKCC # 1227
DXCC PHONE DXCC RTTY DXCC CW
Lis. 1962 Calls Held
VP8BZL VP8SSI 3Y0PI V31SS ZD8JQS
WA4JQS/ZS1 WA4JQS/4K1 WA4JQS/KC4

7297. Re: TS850 audio hiss reduction ?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-09-23 04:19:17 UTC
From: tk5ep
Topic: 7294 Message: 7297

Hello Tony (and others),

When connecting a headphone and putting AF control at ZERO level, i have a small high frequency AF noise. Once noticed, i hear it also when AF level is back to normal...

I didn't notice it before, but the last days i used another headphone which is more designed for HIFI. My usual headphone (HEIL) went QRT during an after contest transportation... It's certainly due to higher bandwith of this later headphone.

One solution would be to come back with another headphone, but the noise is there, despite my old ears... I'm sure my kids who hear frequencies i can't hear anymore, would hate this audio ! hi hi

I don't know if this noise is generated by the audio stages or in IF/RF. I suspect the AF stage, not hearing any RF signal at zero level...

73, Patrick.

--- In TS-850_450_690@yahoogroups.com, "Anthony W. DePrato WA4JQS" <wa4jqs@...> wrote:
>
> At 04:39 PM 9/22/2008, you wrote:
> >what hiss!!!...
> >
> >I have two 850sat's up and going an have never heard the hiss
>
> 73 Tony
>
>
> Anthony W. DePrato WA4JQS
> QCWA # 23602 10X # 3621
> A1-OP FISTS # 10573 VBA # 55 AMI # 1274
> NCDXF # 1036 RNARS # 1309 SKCC # 1227
> DXCC PHONE DXCC RTTY DXCC CW
> Lis. 1962 Calls Held
> VP8BZL VP8SSI 3Y0PI V31SS ZD8JQS
> WA4JQS/ZS1 WA4JQS/4K1 WA4JQS/KC4
>

7298. Re: [TS-850_450_690] Re: TS850 audio hiss reduction ?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-09-24 03:12:04 UTC
From: Steve Gehring
Topic: 7294 Message: 7298

Patrick,

I haven't heard the hiss you're speaking of when the AF level is down all the way either. If this was an earlier Icom, with their terrible audio amp sections, I'd say otherwise. But, Kenwood's typically have outstanding audio amp sections, both on receive and transmit.

I suggest that something is amiss with your rig. Perhaps this is a good question for the 850 Master -- Cliff.

Cliff -- any ideas?

73 and good luck chasing this one down,

Steven, NL7W

tk5ep wrote:
>
> Hello Tony (and others),
>
> When connecting a headphone and putting AF control at ZERO level, i
> have a small high frequency AF noise. Once noticed, i hear it also
> when AF level is back to normal...
>
> I didn't notice it before, but the last days i used another headphone
> which is more designed for HIFI. My usual headphone (HEIL) went QRT
> during an after contest transportation... It's certainly due to higher
> bandwith of this later headphone.
>
> One solution would be to come back with another headphone, but the
> noise is there, despite my old ears... I'm sure my kids who hear
> frequencies i can't hear anymore, would hate this audio ! hi hi
>
> I don't know if this noise is generated by the audio stages or in
> IF/RF. I suspect the AF stage, not hearing any RF signal at zero level...
>
> 73, Patrick.
>
> --- In TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>, "Anthony W. DePrato WA4JQS"
> <wa4jqs@...> wrote:
> >
> > At 04:39 PM 9/22/2008, you wrote:
> > >what hiss!!!...
> > >
> > >I have two 850sat's up and going an have never heard the hiss

> >
> > 73 Tony
> >
> >
> > Anthony W. DePrato WA4JQS
> > QCWA # 23602 10X # 3621
> > A1-OP FISTS # 10573 VBA # 55 AMI # 1274
> > NCDXF # 1036 RNARS # 1309 SKCC # 1227
> > DXCC PHONE DXCC RTTY DXCC CW
> > Lis. 1962 Calls Held
> > VP8BZL VP8SSI 3Y0PI V31SS ZD8JQS
> > WA4JQS/ZS1 WA4JQS/4K1 WA4JQS/KC4
> >
>
>

[Non-text portions of this message have been removed]

7299. TS-450 agc problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-09-24 11:48:31 UTC
From: tim_luvs_dawn
Topic: 7299 Message: 7299

Hi,I have a ts 450sat with a weird agc fault..The agc fast/slow works fine in usb/lsb But in am mode it's slow even when set to fast...any ideas?I never use am but it's a problem never the less..any ideas?KY4HTJ Thank's in advance

7300. Newbie With TS-850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-09-24 21:09:06 UTC
From: Ronald Ellwood-Thompson
Topic: 7300 Message: 7300

Hi All,
Have just got my TS-850 (Not AT). Having been used to "Boat-Anchors" such as TS-830S, TS-520, and two FT-101ZDs. Tuning this TS-850 is so different. The old rigs could stand high SWRs with no problem. This rig is the opposite, you have to be so careful tuning it. It will take practice, before I sell up all the older rigs.
Best 73s.
Ron. GW1HIN

7301. Re: TS-450 agc problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-09-24 20:11:35 UTC
From: tim_luvs_dawn
Topic: 7299 Message: 7301

--- In TS-850_450_690@yahoogroups.com, "tim_luvs_dawn"
<tim_luvs_dawn@...> wrote:
>
> Hi,I have a ts 450sat with a weird agc fault..The agc fast/slow works
> fine in usb/lsb But in am mode it's slow even when set to fast...any
> ideas?I never use am but it's a problem never the less..any
> ideas?KY4HTJ Thank's in advance
>
Looking for some help here!!

7302. Re: [TS-850_450_690] TS-450 agc problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-09-25 09:06:39 UTC
From: John Kramer
Topic: 7299 Message: 7302

Hi Tim

As far as I know, the AGC is not used in AM mode, the circuit is
bypassed. I have
tried the AGC control on a number of my HF radio's here FT-1000MKV,
FT-890,
TS-2000, IC-7000, IC-706, TS-440, TS-850, TS-50, TS-940 FT-100D,
IC-703 etc
none of them have noticeable AGC control in the AM mode.

Say hi to Dawn

73, John - ZS5J

On 24 Sep 2008, at 1:48 PM, tim_luvs_dawn wrote:

> Hi,I have a ts 450sat with a weird agc fault..The agc fast/slow works
> fine in usb/lsb But in am mode it's slow even when set to fast...any
> ideas?I never use am but it's a problem never the less..any
> ideas?KY4HTJ Thank's in advance
>
>
>

[Non-text portions of this message have been removed]

7303. Re: TS-450 agc problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-09-25 12:34:00 UTC
From: wd0bwm
Topic: 7299 Message: 7303

Tim,

I believe John is correct. Here's what the manual says:

AGC Key
Pressing this key toggles the AGC time constant between SLOW and
FAST.
FAST: For CW, FSK and data communications
SLOW: For SSB and AM.
NOTE: this switch is disabled during FM operation.

Hope this helps. On my 450, in SSB the difference is noticable and
on AM it is not---if there is a difference.

Don, wd0bwm

--- In TS-850_450_690@yahoogroups.com, John Kramer <jkramer@...>
wrote:
>
> Hi Tim
>
> As far as I know, the AGC is not used in AM mode, the circuit is
> bypassed. I have
> tried the AGC control on a number of my HF radio's here FT-
1000MKV,
> FT-890,
> TS-2000, IC-7000, IC-706, TS-440, TS-850, TS-50, TS-940 FT-100D,
> IC-703 etc
> none of them have noticeable AGC control in the AM mode.
>
> Say hi to Dawn
>
> 73, John - ZS5J
>
>
> On 24 Sep 2008, at 1:48 PM, tim_luvs_dawn wrote:
>
> > Hi,I have a ts 450sat with a weird agc fault..The agc fast/slow
works
> > fine in usb/lsb But in am mode it's slow even when set to
fast...any
> > ideas?I never use am but it's a problem never the less..any
> > ideas?KY4HTJ Thank's in advance
> >
> >
> >

>
>
>
> [Non-text portions of this message have been removed]
>

7304. Re: [TS-850_450_690] Re: TS-450 agc problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-09-25 14:29:17 UTC
From: Paul Manuel
Topic: 7299 Message: 7304

The different AGC settings would only be noticeable on AM if the carrier were fluctuating rapidly in strength.

You should be able to tell the difference, if there is one, when you tune rapidly across a band of AM signals--in fast AGC, the receiver gain should return quickly after tuning across a big signal, while slow AGC would keep the signal level down for a longer period.

I don't have a 450 so I'm not sure if the AGC is switchable or not, but that's how it would work.

73, Paul K4PDM

7305. Re: TS-450 agc problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-09-25 14:31:47 UTC
From: Jordan
Topic: 7299 Message: 7305

To properly test the AGC on AM, tune across some stronger signals in both fast and slow, and see how long it takes the receiver to recover gain....You should find a noticeable difference between fast and slow AGC recovery times....
On my 450S , the times are ~ 4 seconds on slow, and less than .5 seconds on fast, after tuning through an S-9+30 signal....73...Jordan VE6ZT

----- Original Message -----
From: wd0bwm
To: TS-850_450_690@yahoogroups.com
Sent: Thursday, September 25, 2008 6:34 AM
Subject: [TS-850_450_690] Re: TS-450 agc problem

Tim,

I believe John is correct. Here's what the manual says:

AGC Key
Pressing this key toggles the AGC time constant between SLOW and
FAST.
FAST: For CW, FSK and data communications
SLOW: For SSB and AM.
NOTE: this switch is disabled during FM operation.

Hope this helps. On my 450, in SSB the difference is noticable and
on AM it is not---if there is a difference.

Don, wd0bwm

--- In TS-850_450_690@yahoogroups.com, John Kramer <jkramer@...>
wrote:
>
> Hi Tim
>
> As far as I know, the AGC is not used in AM mode, the circuit is
> bypassed. I have
> tried the AGC control on a number of my HF radio's here FT-
1000MKV,
> FT-890,
> TS-2000, IC-7000, IC-706, TS-440, TS-850, TS-50, TS-940 FT-100D,
> IC-703 etc
> none of them have noticeable AGC control in the AM mode.
>
> Say hi to Dawn
>
> 73, John - ZS5J
>
>

> On 24 Sep 2008, at 1:48 PM, tim_luvs_dawn wrote:
>
> > Hi,I have a ts 450sat with a weird agc fault..The agc fast/slow
works
> > fine in usb/lsb But in am mode it's slow even when set to
fast...any
> > ideas?I never use am but it's a problem never the less..any
> > ideas?KY4HTJ Thank's in advance
> >
> >
> >
>
>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

7306. Using a 4 Pin Mic on the TS-850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-09-25 15:24:48 UTC
From: Ronald Ellwood-Thompson
Topic: 7306 Message: 7306

Hi All,
Have been given a kenwood MC-50 Mic and would like to use it on my TS-850. I appreciate I would lose the 'up?down' fuctions, but I could live with that. Any help with re-wiring the plug would be greatly appreciated.
Best 73s.
Ron GW1HIN

7307. Re: TS-450 agc problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-09-25 16:24:40 UTC
From: tim_luvs_dawn
Topic: 7299 Message: 7307

--- In TS-850_450_690@yahoogroups.com, "Jordan" <Outposter30@...> wrote:
>
> To properly test the AGC on AM, tune across some stronger signals in
both fast and slow, and see how long it takes the receiver to recover
gain....You should find a noticeable difference between fast and slow
AGC recovery times....
> On my 450S , the times are ~ 4 seconds on slow, and less than .5
seconds on fast, after tuning through an S-9+30 signal....73...Jordan
VE6ZT
>
> ----- Original Message -----
> From: wd0bwm
> To: TS-850_450_690@yahoogroups.com
> Sent: Thursday, September 25, 2008 6:34 AM
> Subject: [TS-850_450_690] Re: TS-450 agc problem
>
>
>
> Tim,
>
> I believe John is correct. Here's what the manual says:
>
> AGC Key
> Pressing this key toggles the AGC time constant between SLOW and
> FAST.
> FAST: For CW, FSK and data communications
> SLOW: For SSB and AM.
> NOTE: this switch is disabled during FM operation.
>
> Hope this helps. On my 450, in SSB the difference is noticable and
> on AM it is not---if there is a difference.
>
> Don, wd0bwm
>
> --- In TS-850_450_690@yahoogroups.com, John Kramer <jkramer@>
> wrote:
> >
> > Hi Tim
> >
> > As far as I know, the AGC is not used in AM mode, the circuit is
> > bypassed. I have
> > tried the AGC control on a number of my HF radio's here FT-
> 1000MKV,
> > FT-890,
> > TS-2000, IC-7000, IC-706, TS-440, TS-850, TS-50, TS-940 FT-100D,

> > IC-703 etc
> > none of them have noticeable AGC control in the AM mode.
> >
> > Say hi to Dawn
> >
> > 73, John - ZS5J
> >
> >
> > On 24 Sep 2008, at 1:48 PM, tim_luvs_dawn wrote:
> >
> > > Hi,I have a ts 450sat with a weird agc fault..The agc fast/slow
> works
> > > fine in usb/lsb But in am mode it's slow even when set to
> fast...any
> > > ideas?I never use am but it's a problem never the less..any
> > > ideas?KY4HTJ Thank's in advance
> > >
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> > >
> > > [Non-text portions of this message have been removed]
> > >
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>
> [Non-text portions of this message have been removed]
>
Jordan is correct there is a problem,If the agc were not supposed to
work in AM the function button would be disabled in the am mode as it
is in fm...Why would kenwood make a silly mistake as to leave it
functioning if it never worked in an mode...I have owned a few 450's
and never had one that the agc would not work on am..Thank's for all
the input gentlemen..KY4HTJ

7308. Re: [TS-850_450_690] Using a 4 Pin Mic on the TS-850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-09-25 19:56:43 UTC
From: ve3wej gmail
Topic: 7306 Message: 7308

there is a 4 pin to 8 pin adapter mj84 i think, if your kenwood dealer still carries them. other wise kenwood has been easy to wire

from memory

pin 1 mic audio (on both connectors)
pin 2 ptt (on both)

pin 3 (or was it 4) gnd (on 4 wire) to pin 7 and 8 together(on 8 wire)

check the manuals for both mics it should be easy

VE3WEJ
Dave Garber

10-X # 23465
echolink # 52852
irlp node 2202
email ve3wej@...
----- Original Message -----
From: Ronald Ellwood-Thompson
To: TS-850_450_690@yahoogroups.com
Sent: Thursday, September 25, 2008 11:24 AM
Subject: [TS-850_450_690] Using a 4 Pin Mic on the TS-850

Hi All,
Have been given a kenwood MC-50 Mic and would like to use it on my TS-850. I appreciate I would lose the 'up?down' fuctions, but I could live with that. Any help with re-wiring the plug would be greatly appreciated.
Best 73s.
Ron GW1HIN

[Non-text portions of this message have been removed]

7309. Re: Using a 4 Pin Mic on the TS-850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-09-25 20:43:29 UTC
From: Ronald Ellwood-Thompson
Topic: 7306 Message: 7309

Hi Dave,
Thank you so much for the help, will try this to-morrow.
Best 73s.
Ron GW1HIN

--- In TS-850_450_690@yahoogroups.com, "ve3wej gmail" <ve3wej@...>
wrote:
>
> there is a 4 pin to 8 pin adapter mj84 i think, if your kenwood
dealer still carries them. other wise kenwood has been easy to wire
>
> from memory
>
> pin 1 mic audio (on both connectors)
> pin 2 ptt (on both)
>
> pin 3 (or was it 4) gnd (on 4 wire) to pin 7 and 8 together(on 8
wire)
>
> check the manuals for both mics it should be easy
>
>
>
> VE3WEJ
> Dave Garber
>
> 10-X # 23465
> echolink # 52852
> irlp node 2202
> email ve3wej@...
> ----- Original Message -----
> From: Ronald Ellwood-Thompson
> To: TS-850_450_690@yahoogroups.com
> Sent: Thursday, September 25, 2008 11:24 AM
> Subject: [TS-850_450_690] Using a 4 Pin Mic on the TS-850
>
>
> Hi All,
> Have been given a kenwood MC-50 Mic and would like to use it on
my TS-
> 850. I appreciate I would lose the 'up?down' fuctions, but I
could live
> with that. Any help with re-wiring the plug would be greatly
> appreciated.
> Best 73s.

> Ron GW1HIN
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

7310. TS-850S Audio Hiss

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-09-25 21:59:24 UTC
From: Jordan
Topic: 7310 Message: 7310

I saw a prior question about audio hiss from the TS-850S, and I believe that if you have used a 450S and notice an increase in audio hiss going to an 850S, then I think I know why. The specified bandwidth on the 850S is a little wider than the 450S due to the Slope Tune circuitry when adjusted for broad response....It's the same effect as going from say an IC-761 to the IC-765 with PBT... If you've used one of those rigs, you know exactly what I'm referring to....
Another difference is the audio circuit , which provides much more audio i from the 850S to the 450S...
The indicated BW on the 450S is 2.4khz, whereas on the 850S it is indicated as 2.7khz using the same filters....

I have both rigs, and I can see the difference in the audio hiss level between the 2 rigs....and, believe it or not, it can make the difference between having sufficient recoverable audio on the 450S and insufficient recoverable audio on the 850S... Yes, I have the model numbers in the right place....!

This is just my opinion..... 73...Jordan VE6ZT

[Non-text portions of this message have been removed]

7311. Re: [TS-850_450_690] TS-850S Audio Hiss

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-09-25 23:05:18 UTC
From: Steve Gehring
Topic: 7310 Message: 7311

Jordan,

That's an interesting point you've made. Now that I think of it, I usually have my high-cut (inner concentric knob) 2 to 4 clicks counterclock from wide-open or fully clockwise -- just to counter what I consider the extraneous or unnecessary high-frequency audio components (I use a JBL Pro III bookshelf speaker which faithfully reproduces all audio well -- no roll-off). The VBT really does work well in the 850, especially if you have matched IRAD filters in both IF stages. The same goes for the older TS-830S.

73 de Steve, NL7W

Jordan wrote:
>
> I saw a prior question about audio hiss from the TS-850S, and I
> believe that if you have used a 450S and notice an increase in audio
> hiss going to an 850S, then I think I know why.
> The specified bandwidth on the 850S is a little wider than the 450S
> due to the Slope Tune circuitry when adjusted for broad
> response....It's the same effect as going from say an IC-761 to the
> IC-765 with PBT... If you've used one of those rigs, you know exactly
> what I'm referring to....
> Another difference is the audio circuit , which provides much more
> audio i from the 850S to the 450S...
> The indicated BW on the 450S is 2.4khz, whereas on the 850S it is
> indicated as 2.7khz using the same filters....
>
> I have both rigs, and I can see the difference in the audio hiss level
> between the 2 rigs....and, believe it or not, it can make the
> difference between having sufficient recoverable audio on the 450S and
> insufficient recoverable audio on the 850S... Yes, I have the model
> numbers in the right place....!
>
> This is just my opinion..... 73...Jordan VE6ZT
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

7312. IF Output Bandwidth on the TS-850S

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-09-26 12:47:19 UTC
From: Mike Christiansen
Topic: 7312 Message: 7312

Hi,

Anyone know how wide the bandwidth is on the IF output port on the TS-850S?

Thanks,
Mike, N4GW

7313. Looking For a MJ84 Mic Conversion Plug.

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-09-26 09:32:16 UTC
From: Ronald Ellwood-Thompson
Topic: 7313 Message: 7313

Hi All,
I am looking for a MJ84 Mic. conversion plug/socket. Have just about looked everywhere and cannot find one. There is probably someone out there with a box of 10,00 of these things. I live in the UK but would be happy to pay for one and the postage from anywhere, so please look in your 'junk boxex' etc.
Best 73s.
Ron.
GW1HIN

7314. Re: Looking For a MJ84 Mic Conversion Plug.

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-09-26 17:34:07 UTC
From: Roland Spoon
Topic: 7313 Message: 7314

Aloha Ron,
I see them all the time on ebay. Why don't you just get a 8 pin mic.
connector and change out the 4 pin one?
8 pin connector pin out
1. Audio +
2. PTT
3 NC
4 NC
5 NC
6 NC
7 Audio -
8 PTT
It should work great then.
73
Roland AH6RR

--- In TS-850_450_690@yahoogroups.com, "Ronald Ellwood-Thompson"
<ronelltom@...> wrote:
>
> Hi All,
> I am looking for a MJ84 Mic. conversion plug/socket. Have just about
> looked everywhere and cannot find one. There is probably someone out
> there with a box of 10,00 of these things. I live in the UK but would
> be happy to pay for one and the postage from anywhere, so please look
> in your 'junk boxex' etc.
> Best 73s.
> Ron.
> GW1HIN
>

7315. Re: Looking For a MJ84 Mic Conversion Plug.

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-09-26 18:18:31 UTC
From: Ronald Ellwood-Thompson
Topic: 7313 Message: 7315

Hi Roland,
Thaks a million for this info will order the 8 pin mic sockets tonight. After years of running 'Boat Anchors' with 8-900 volts on the finals, its going to be a pleasure to work a modern (? Age) rig and doing repairs without one hand glued into a my pocket and a large 'Chicken Stick' (Earthing Rod) always handy whenever I open the rig.
Many thanks.
Ron (GW1HIH)

--- In TS-850_450_690@yahoogroups.com, "Roland Spoon" <Toesonnose@...> wrote:
>
> Aloha Ron,
> I see them all the time on ebay. Why don't you just get a 8 pin mic.
> connector and change out the 4 pin one?
> 8 pin connector pin out
> 1. Audio +
> 2. PTT
> 3 NC
> 4 NC
> 5 NC
> 6 NC
> 7 Audio -
> 8 PTT
> It should work great then.
> 73
> Roland AH6RR
>
>
>
> --- In TS-850_450_690@yahoogroups.com, "Ronald Ellwood-Thompson"
> <ronelltom@> wrote:
> >
> > Hi All,
> > I am looking for a MJ84 Mic. conversion plug/socket. Have just about
> > looked everywhere and cannot find one. There is probably someone out
> > there with a box of 10,00 of these things. I live in the UK but would
> > be happy to pay for one and the postage from anywhere, so please look
> > in your 'junk boxex' etc.

> > Best 73s.
> > Ron.
> > GW1HIN
> >
>

7316. Re: [TS-850_450_690] TS-850S Audio Hiss

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-09-26 19:57:04 UTC
From: Jordan
Topic: 7310 Message: 7316

Hi Steve... Actually, thats how I first noticed the hiss myself... I have a bunch of RS Minimus 7 metal case bookshelf spkrs here that are all black and only one SP-31...SInce I hate sharing spoeakers, I tried one on the 850, and wondered what I had done wrong...I ended up using the Min7 on the 450S, as the 450S has a lower level of background noise... 73...Jordan....

----- Original Message -----
From: Steve Gehring
To: TS-850_450_690@yahoogroups.com
Sent: Thursday, September 25, 2008 5:05 PM
Subject: Re: [TS-850_450_690] TS-850S Audio Hiss

Jordan,

That's an interesting point you've made. Now that I think of it, I usually have my high-cut (inner concentric knob) 2 to 4 clicks counterclock from wide-open or fully clockwise -- just to counter what I consider the extraneous or unnecessary high-frequency audio components (I use a JBL Pro III bookshelf speaker which faithfully reproduces all audio well -- no roll-off). The VBT really does work well in the 850, especially if you have matched IRAD filters in both IF stages. The same goes for the older TS-830S.

73 de Steve, NL7W

Jordan wrote:
>
> I saw a prior question about audio hiss from the TS-850S, and I
> believe that if you have used a 450S and notice an increase in audio
> hiss going to an 850S, then I think I know why.
> The specified bandwidth on the 850S is a little wider than the 450S
> due to the Slope Tune circuitry when adjusted for broad
> response....It's the same effect as going from say an IC-761 to the
> IC-765 with PBT... If you've used one of those rigs, you know exactly
> what I'm referring to....
> Another difference is the audio circuit , which provides much more
> audio i from the 850S to the 450S...
> The indicated BW on the 450S is 2.4khz, whereas on the 850S it is
> indicated as 2.7khz using the same filters....
>
> I have both rigs, and I can see the difference in the audio hiss level
> between the 2 rigs....and, believe it or not, it can make the
> difference between having sufficient recoverable audio on the 450S and
> insufficient recoverable audio on the 850S... Yes, I have the model
> numbers in the right place....!
>

> This is just my opinion..... 73...Jordan VE6ZT
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

7317. Re: [TS-850_450_690] Using a 4 Pin Mic on the TS-850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-09-27 02:36:12 UTC
From: Anthony W. DePrato
Topic: 7306 Message: 7317

At 11:24 AM 9/25/2008, you wrote:
>Hi All,
>Have been given a kenwood MC-50 Mic and would like to use it on my TS-
>850. I appreciate I would lose the 'up?down' fuctions, but I could live
>with that. Any help with re-wiring the plug would be greatly
>appreciated.
>Best 73s.
>Ron GW1HIN
>Ron it is in the book but i trying to recall from mem\

8 is ground 2 is audio and 3 or 7 is ptt..
73 Tony

QBE ZUT DE WA4JQS

ANTHONY W. (Tony) DePrato WA4JQS EXTRA - HEAVY
Since 1962
CQ DX HALL OF FAME # 35
DXCC HONOR ROLL - 340
A1-OP FISTS # 10573 SKCC #1227 F.O.P. LODGE 68
DXCC PHONE- DXCC CW- DXCC RTTY- DXCC MIXED
DXCC 40, 20, 15, 10 METERS WAC SSB WAC CW WAC RTTY WAC SAT
South Sandwich Island Dxpedition Group
CALLS HELD:
WA4JQS/ZS1, WA4JQS/KC4, WA4JQS/4K1
ZD8JQS, V31SS, VP8BZL, VP8SSI, 3Y0PI

[Non-text portions of this message have been removed]

7318. Re: Using a 4 Pin Mic on the TS-850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-09-28 00:28:49 UTC
From: Clif
Topic: 7306 Message: 7318

What are you talking about?? On a Kenwood 8 pin 1 is audio, 2 is PTT,
7 is audio gnd and 8 is PTT gnd.... For a 4 pin mike,,

Clif

--- In TS-850_450_690@yahoogroups.com, "Anthony W. DePrato"
<wa4jqs@...> wrote:
>
> At 11:24 AM 9/25/2008, you wrote:
> >Hi All,
> >Have been given a kenwood MC-50 Mic and would like to use it on my TS-
> >850. I appreciate I would lose the 'up?down' fuctions, but I could live
> >with that. Any help with re-wiring the plug would be greatly
> >appreciated.
> >Best 73s.
> >Ron GW1HIN
> >Ron it is in the book but i trying to recall from mem\
>
> 8 is ground 2 is audio and 3 or 7 is ptt..
> 73 Tony
>
>
>
>
> QBE ZUT DE WA4JQS
>
> ANTHONY W. (Tony) DePrato WA4JQS EXTRA - HEAVY
> Since 1962
> CQ DX HALL OF FAME # 35
> DXCC HONOR ROLL - 340
> A1-OP FISTS # 10573 SKCC #1227 F.O.P. LODGE 68
> DXCC PHONE- DXCC CW- DXCC RTTY- DXCC MIXED
> DXCC 40, 20, 15, 10 METERS WAC SSB WAC CW WAC RTTY WAC SAT
> South Sandwich Island Dxpedition Group
> CALLS HELD:
> WA4JQS/ZS1, WA4JQS/KC4, WA4JQS/4K1
> ZD8JQS, V31SS, VP8BZL, VP8SSI, 3Y0PI
>
>
>
> [Non-text portions of this message have been removed]
>

7319. Re: Using a 4 Pin Mic on the TS-850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-09-28 01:53:40 UTC
From: Roland Spoon
Topic: 7306 Message: 7319

Aloha Clif,
I gave Ron the correct info a couple of days ago. So he is set to go when he gets the 8 pin connector. I glad my memory is still good.
73
Roland AH6RR

--- In TS-850_450_690@yahoogroups.com, "Clif" <clif@...> wrote:
>
> What are you talking about?? On a Kenwood 8 pin 1 is audio, 2 is PTT,
> 7 is audio gnd and 8 is PTT gnd.... For a 4 pin mike,,
>
> Clif
>
>
> --- In TS-850_450_690@yahoogroups.com, "Anthony W. DePrato"
> <wa4jqs@> wrote:
> >
> > At 11:24 AM 9/25/2008, you wrote:
> > >Hi All,
> > >Have been given a kenwood MC-50 Mic and would like to use it on my TS-
> > >850. I appreciate I would lose the 'up?down' fuctions, but I could live
> > >with that. Any help with re-wiring the plug would be greatly
> > >appreciated.
> > >Best 73s.
> > >Ron GW1HIN
> > >Ron it is in the book but i trying to recall from mem\
> >
> > 8 is ground 2 is audio and 3 or 7 is ptt..
> > 73 Tony
> >
> >
> >
> >
> > QBE ZUT DE WA4JQS
> >
> > ANTHONY W. (Tony) DePrato WA4JQS EXTRA - HEAVY
> > Since 1962
> > CQ DX HALL OF FAME # 35
> > DXCC HONOR ROLL - 340
> > A1-OP FISTS # 10573 SKCC #1227 F.O.P. LODGE 68
> > DXCC PHONE- DXCC CW- DXCC RTTY- DXCC MIXED
> > DXCC 40, 20, 15, 10 METERS WAC SSB WAC CW WAC RTTY WAC SAT

> > South Sandwich Island Dxpedition Group
> > CALLS HELD:
> > WA4JQS/ZS1, WA4JQS/KC4, WA4JQS/4K1
> > ZD8JQS, V31SS, VP8BZL, VP8SSI, 3Y0PI
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>

7320. Weird 850 Thingy Has Happened.

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-09-28 21:36:58 UTC
From: Ronald Ellwood-Thompson
Topic: 7320 Message: 7320

Hi All,
Whilst listening on 80 meters in LSB, I pressed the LSB/USB button. Though the little light changed to USB on the screen, I could still receive the signal perfectly well and, it even seemd louder and clearer. Tuning to a R.A.F. Volnet freq. on 5050 Mhz USB I found that it resolved cleare when the screen showed it as LSB. lol Now as I am getting confused, heaven knows what you guys must be thinking Hi Hi.
QUESTION:- How can I be getting a clearer LSB signal when in USB>./ I had better stop before insanity takes over..
Best 73s.
Ron GW1HIN

7321. Re: Weird 850 Thingy Has Happened.

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-09-29 01:57:36 UTC
From: Clif
Topic: 7320 Message: 7321

Nothing weird, put the 8.8 filter in 2.4 instead of 6 and the 455
also. In the 6 position they will pass both sidebands.

Clif

--- In TS-850_450_690@yahoogroups.com, "Ronald Ellwood-Thompson"
<ronelltom@...> wrote:
>
> Hi All,
> Whilst listening on 80 meters in LSB, I pressed the LSB/USB button.
> Though the little light changed to USB on the screen, I could still
> receive the signal perfectly well and, it even seemd louder and
> clearer. Tuning to a R.A.F. Volnet freq. on 5050 Mhz USB I found that
> it resolved cleare when the screen showed it as LSB. lol Now as I am
> getting confused, heaven knows what you guys must be thinking Hi Hi.
> QUESTION:- How can I be getting a clearer LSB signal when in USB>./ I
> had better stop before insanity takes over..
> Best 73s.
> Ron GW1HIN
>

7322. Re: [TS-850_450_690] Weird 850 Thingy Has Happened.

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-09-29 02:11:10 UTC
From: Zack Widup
Topic: 7320 Message: 7322

Hi Ron,

Where do you have the slope tuning knobs set? The outer (smaller) one should be fully clockwise and the inner one should be fully counterclockwise.

73, Zack W9SZ

On Sun, 28 Sep 2008, Ronald Ellwood-Thompson wrote:

> Hi All,
> Whilst listening on 80 meters in LSB, I pressed the LSB/USB button.
> Though the little light changed to USB on the screen, I could still
> receive the signal perfectly well and, it even seemd louder and
> clearer. Tuning to a R.A.F. Volnet freq. on 5050 Mhz USB I found that
> it resolved cleare when the screen showed it as LSB. lol Now as I am
> getting confused, heaven knows what you guys must be thinking Hi Hi.
> QUESTION:- How can I be getting a clearer LSB signal when in USB>./ I
> had better stop before insanity takes over..
> Best 73s.
> Ron GW1HIN
>
>

7323. Re: Weird 850 Thingy Has Happened.

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-09-29 17:48:18 UTC
From: Ronald Ellwood-Thompson
Topic: 7320 Message: 7323

Hi zack,
You where so right. All back to normal now. Still cannot fathom what this control does, does not seem to make much difference to anything really. The radio is superb and seems to do everything I wanted a radio to do, and it is certainly a 'keeper'
73s.
Ron (FW1HIN)

--- In TS-850_450_690@yahoogroups.com, Zack Widup <w9sz@...> wrote:
>
> Hi Ron,
>
> Where do you have the slope tuning knobs set? The outer (smaller) one
> should be fully clockwise and the inner one should be fully
> counterclockwise.
>
> 73, Zack W9SZ
>
>
> On Sun, 28 Sep 2008, Ronald Ellwood-Thompson wrote:
>
> > Hi All,
> > Whilst listening on 80 meters in LSB, I pressed the LSB/USB button.
> > Though the little light changed to USB on the screen, I could still
> > receive the signal perfectly well and, it even seemd louder and
> > clearer. Tuning to a R.A.F. Volnet freq. on 5050 Mhz USB I found that
> > it resolved cleare when the screen showed it as LSB. lol Now as I am
> > getting confused, heaven knows what you guys must be thinking Hi Hi.
> > QUESTION:- How can I be getting a clearer LSB signal when in USB>./ I
> > had better stop before insanity takes over..
> > Best 73s.
> > Ron GW1HIN
> >
> >
>

7324. 6 db attenuator problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-09-30 22:35:35 UTC
From: ve3wej gmail
Topic: 7324 Message: 7324

could someone please tell me again what I should be checking and where , so I can start digging, schematic spans all 4 pages for the leads from the switch.. can you mention reference points, and which board I should be on

to refresh, the 6 db attenuation cuts almost ALL receive, furthur than the 12 db, and I sometimes think think furthur than the 18 db point

VE3WEJ
Dave Garber

10-X # 23465
echolink # 52852
irlp node 2202
email ve3wej@...

7325. Re: 6 db attenuator problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-10-01 03:57:58 UTC
From: Clif
Topic: 7324 Message: 7325

Slow down, I guess I missed the original post.

What radio? What is happening??

Clif

--- In TS-850_450_690@yahoogroups.com, "ve3wej gmail" <ve3wej@...> wrote:
>
> could someone please tell me again what I should be checking and
where , so
> I can start digging, schematic spans all 4 pages for the leads from the
> switch.. can you mention reference points, and which board I
should be on
>
> to refresh, the 6 db attenuation cuts almost ALL receive, furthur
than the
> 12 db, and I sometimes think think furthur than the 18 db point
>
> VE3WEJ
> Dave Garber
>
> 10-X # 23465
> echolink # 52852
> irlp node 2202
> email ve3wej@...
>

7326. Re: [TS-850_450_690] Re: 6 db attenuator problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-10-01 19:31:12 UTC
From: ve3wej gmail
Topic: 7324 Message: 7326

the 6 db att button, when pressed is causing my receive to virtually disappear (too much attenuation, I guess) furthur drop than the 12 db button, which drops it about 4 db (i think), and the 18 db (both buttons) drops it out too, because of the 6 db position, i think

is that enough info.

VE3WEJ
Dave Garber

10-X # 23465
echolink # 52852
irlp node 2202
email ve3wej@...
----- Original Message -----
From: Clif
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, September 30, 2008 11:57 PM
Subject: [TS-850_450_690] Re: 6 db attenuator problem

Slow down, I guess I missed the original post.

What radio? What is happening??

Clif

--- In TS-850_450_690@yahoogroups.com, "ve3wej gmail" <ve3wej@...> wrote:
>
> could someone please tell me again what I should be checking and
where , so
> I can start digging, schematic spans all 4 pages for the leads from the
> switch.. can you mention reference points, and which board I
should be on
>
> to refresh, the 6 db attenuation cuts almost ALL receive, furthur
than the
> 12 db, and I sometimes think think furthur than the 18 db point
>
> VE3WEJ
> Dave Garber
>
> 10-X # 23465
> echolink # 52852
> irlp node 2202
> email ve3wej@...
>

[Non-text portions of this message have been removed]

7327. Re: 6 db attenuator problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-10-01 19:36:18 UTC
From: Clif
Topic: 7324 Message: 7327

FT101 maybe???

--- In TS-850_450_690@yahoogroups.com, "ve3wej gmail" <ve3wej@...> wrote:
>
> the 6 db att button, when pressed is causing my receive to virtually
disappear (too much attenuation, I guess) furthur drop than the 12 db
button, which drops it about 4 db (i think), and the 18 db (both
buttons) drops it out too, because of the 6 db position, i think
>
> is that enough info.
>
>
> VE3WEJ
> Dave Garber
>
> 10-X # 23465
> echolink # 52852
> irlp node 2202
> email ve3wej@...
> ----- Original Message -----
> From: Clif
> To: TS-850_450_690@yahoogroups.com
> Sent: Tuesday, September 30, 2008 11:57 PM
> Subject: [TS-850_450_690] Re: 6 db attenuator problem
>
>
> Slow down, I guess I missed the original post.
>
> What radio? What is happening??
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "ve3wej gmail" <ve3wej@> wrote:
> >
> > could someone please tell me again what I should be checking and
> where , so
> > > I can start digging, schematic spans all 4 pages for the leads
from the
> > switch.. can you mention reference points, and which board I
> should be on
> >
> > to refresh, the 6 db attenuation cuts almost ALL receive, furthur
> than the
> > 12 db, and I sometimes think think furthur than the 18 db point
> >

> > VE3WEJ
> > Dave Garber
> >
> > 10-X # 23465
> > echolink # 52852
> > irlp node 2202
> > email ve3wej@
> >
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

7328. Re: [TS-850_450_690] Re: 6 db attenuator problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-10-01 20:54:20 UTC
From: ve3wej gmail
Topic: 7324 Message: 7328

sorry thought I was on the 850 user group!!!!!!!!!!!!

VE3WEJ
Dave Garber

10-X # 23465
echolink # 52852
irlp node 2202
email ve3wej@...
----- Original Message -----
From: Clif
To: TS-850_450_690@yahoogroups.com
Sent: Wednesday, October 01, 2008 3:36 PM
Subject: [TS-850_450_690] Re: 6 db attenuator problem

FT101 maybe???

--- In TS-850_450_690@yahoogroups.com, "ve3wej gmail" <ve3wej@...> wrote:
>
> the 6 db att button, when pressed is causing my receive to virtually
disappear (too much attenuation, I guess) furthur drop than the 12 db
button, which drops it about 4 db (i think), and the 18 db (both
buttons) drops it out too, because of the 6 db position, i think
>
> is that enough info.
>
>
> VE3WEJ
> Dave Garber
>
> 10-X # 23465
> echolink # 52852
> irlp node 2202
> email ve3wej@...
> ----- Original Message -----
> From: Clif
> To: TS-850_450_690@yahoogroups.com
> Sent: Tuesday, September 30, 2008 11:57 PM
> Subject: [TS-850_450_690] Re: 6 db attenuator problem
>
>
> Slow down, I guess I missed the original post.
>
> What radio? What is happening??
>
> Clif

>
> --- In TS-850_450_690@yahoogroups.com, "ve3wej gmail" <ve3wej@> wrote:
> >
> > could someone please tell me again what I should be checking and
> where , so
> > I can start digging, schematic spans all 4 pages for the leads
from the
> > switch.. can you mention reference points, and which board I
> should be on
> >
> > to refresh, the 6 db attenuation cuts almost ALL receive, furthur
> than the
> > 12 db, and I sometimes think think furthur than the 18 db point
> >
> > VE3WEJ
> > Dave Garber
> >
> > 10-X # 23465
> > echolink # 52852
> > irlp node 2202
> > email ve3wej@
> >
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

7329. Kenwood TS-850s with the SM-230 scope

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-10-02 17:01:49 UTC
From: Mike Christiansen
Topic: 7324 Message: 7329

Anyone using the 850 with the 230 scope? What bandwidth can you use on the scope. Does the 250 khz setting give the full 250 khz wide view?

Thanks,
Mike, N4GW

7330. Re:6 db attenuator problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-10-02 20:44:13 UTC
From: Galen Barnaby
Topic: 7324 Message: 7330

I had a problem years ago with the attenuator. (too close to other transmitters). It was a simple SMT resistor circuit and should be well marked. I remember I found it quite easily. Follow the RX signal from the antenna connector. Seems one of my resistors increased in value and another went open.

Try going to the R&T connector on the upper left of the RF unit schematic. Above that is two relays K1 and k2 that if you follow to the right are labeled ATT1 and ATT2. Below the relays are the contacts at r1, r2, r3, r4...check them. I dug out the schematic...

7331. Re: 6 db attenuator problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-10-02 23:21:34 UTC
From: Clif
Topic: 7324 Message: 7331

And 450 and they are different.

Clif

--- In TS-850_450_690@yahoogroups.com, "ve3wej gmail" <ve3wej@...> wrote:
>
> sorry thought I was on the 850 user group!!!!!!!!!!!!
>
> VE3WEJ
> Dave Garber
>
> 10-X # 23465
> echolink # 52852
> irlp node 2202
> email ve3wej@...
> ----- Original Message -----
> From: Clif
> To: TS-850_450_690@yahoogroups.com
> Sent: Wednesday, October 01, 2008 3:36 PM
> Subject: [TS-850_450_690] Re: 6 db attenuator problem
>
>
> FT101 maybe???
>
> --- In TS-850_450_690@yahoogroups.com, "ve3wej gmail" <ve3wej@> wrote:
> >
> > the 6 db att button, when pressed is causing my receive to virtually
> disappear (too much attenuation, I guess) furthur drop than the 12 db
> button, which drops it about 4 db (i think), and the 18 db (both
> buttons) drops it out too, because of the 6 db position, i think
> >
> > is that enough info.
> >
> >
> > VE3WEJ
> > Dave Garber
> >
> > 10-X # 23465
> > echolink # 52852
> > irlp node 2202
> > email ve3wej@
> > ----- Original Message -----
> > From: Clif
> > To: TS-850_450_690@yahoogroups.com
> > Sent: Tuesday, September 30, 2008 11:57 PM

> > Subject: [TS-850_450_690] Re: 6 db attenuator problem
> >
> >
> > Slow down, I guess I missed the original post.
> >
> > What radio? What is happening??
> >
> > Clif
> >
> > --- In TS-850_450_690@yahoogroups.com, "ve3wej gmail" <ve3wej@>
wrote:
> > >
> > > could someone please tell me again what I should be checking and
> > where , so
> > > I can start digging, schematic spans all 4 pages for the leads
> from the
> > > switch.. can you mention reference points, and which board I
> > should be on
> > >
> > > to refresh, the 6 db attenuation cuts almost ALL receive, furthur
> > than the
> > > 12 db, and I sometimes think think furthur than the 18 db point
> > >
> > > VE3WEJ
> > > Dave Garber
> > >
> > > 10-X # 23465
> > > echolink # 52852
> > > irlp node 2202
> > > email ve3wej@
> > >
> >
> >
> >
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> >
> > [Non-text portions of this message have been removed]
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>
> [Non-text portions of this message have been removed]
>

7332. Re: [TS-850_450_690] Re:6 db attenuator problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-10-03 00:07:06 UTC
From: ve3wej gmail
Topic: 7324 Message: 7332

I see them on the schematic of the 850, now I will have to take some time to find them on the board, thanks and will keep you informed when I have success, or blow the radio up. also will need a source for the parts. new place (re)opened in London, ontario, so will be calling them
www.a1counterparts.com

VE3WEJ
Dave Garber

10-X # 23465
echolink # 52852
irlp node 2202
email ve3wej@...
----- Original Message -----
From: Galen Barnaby
To: TS-850_450_690@yahoogroups.com
Sent: Thursday, October 02, 2008 4:44 PM
Subject: [TS-850_450_690] Re:6 db attenuator problem

I had a problem years ago with the attenuator. (too close to other transmitters). It was a simple SMT resistor circuit and should be well marked. I remember I found it quite easily. Follow the RX signal from the antenna connector. Seems one of my resistors increased in value and another went open.

Try going to the R&T connector on the upper left of the RF unit schematic. Above that is two relays K1 and k2 that if you follow to the right are labeled ATT1 and ATT2. Below the relays are the contacts at r1, r2, r3, r4...check them. I dug out the schematic...

[Non-text portions of this message have been removed]

7333. This Has to Be the Daftest Question Ever Asked Here.

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-10-03 20:01:12 UTC
From: Ronald Ellwood-Thompson
Topic: 7333 Message: 7333

Hi All,
I have a TS-850S and a kenwood miC-60 microphone with no plug fitted. My poor eyesight prohibits me from soldering all eight wires, could manage the following:-

First snip off the up/down wires (Red/Grey/Blue/Orange).
Secondly, snip off th solder tags numbers (2/34/5). This will allow an open space for me to see better to solder the other four. Hope you are all with me so far Hi Hi.

Now to the qiestion. "WILL THE PREAMP STILL WORK AS A PREAMP". Not bothered about the other controls.

Phew ! Well that the problem. All answers greatly appreciated please.
Best 73s.
Ron (GW1HIN)

7334. soldering dds chips

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-10-05 18:00:02 UTC
From: shaun3416
Topic: 7334 Message: 7334

Hi,Has anybody had any experiance replacing the dds chips on the 850,having bought a second hand board on ebay which sadley came with the old chipps.Having fitted the board it worked and was pleased it was working again,a day later on receive it went dead again.Im hoping to make one good board of the two,both have leaking capacitors which need changing.This radio as been missed about by another party its out put is 150 watts.Any adice would be help before i spend any more cash.

Regards Shaun

7335. Re: soldering dds chips

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-10-06 00:07:14 UTC
From: patrick40044
Topic: 7334 Message: 7335

hi shaun long time if u want send it hr i have a guy good at them he
is busy if u willing to wait i also need 1 doing so if ya want sent it
up best regards paddy
hey did u get that 40m coax ok??
73 g/l spk u soon

--- In TS-850_450_690@yahoogroups.com, "shaun3416"
<shaun.townsend@...> wrote:
>
> Hi,Has anybody had any experiance replacing the dds chips on the
> 850,having bought a second hand board on ebay which sadley came with
> the old chipps.Having fitted the board it worked and was pleased it
was
> working again,a day later on receive it went dead again.Im hoping to
> make one good board of the two,both have leaking capacitors which
need
> changing.This radio as been missed about by another party its out
put
> is 150 watts.Any adice would be help before i spend any more cash.
>
> Regards Shaun
>

7336. Running My TS-850S using my Computer

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-10-09 22:34:12 UTC
From: Ronald Ellwood-Thompson
Topic: 7336 Message: 7336

Hi All,
Having had my new (to me) 850 for a few weeks now and have learnt how to drive it etc, I would like as my next job to find a way to connect it to my computer and use that to do stuff on my TS-850. Therefore id there an interface program out there to enable me to do this please.
Many Thanks.
Ron (GW1HIN)

7337. Re: [TS-850_450_690] Running My TS-850S using my Computer

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-10-09 23:38:25 UTC
From: ve3wej gmail
Topic: 7336 Message: 7337

suggest if 232c or clone, nice one available from g4zlp (call??) off ebay

software (depends on your intention) ve3mij makes a simple software for the 850, many log programs work with the 850, also ham radio deluxe, a search of google I am sure would show much more.... it depends on whether you are trying dx spotting, logging, memory management, or strictly rig control

VE3WEJ
Dave Garber

10-X # 23465
echolink # 52852
irlp node 2202
email ve3wej@...
----- Original Message -----
From: Ronald Ellwood-Thompson
To: TS-850_450_690@yahoogroups.com
Sent: Thursday, October 09, 2008 6:34 PM
Subject: [TS-850_450_690] Running My TS-850S using my Computer

Hi All,
Having had my new (to me) 850 for a few weeks now and have learnt how to drive it etc, I would like as my next job to find a way to connect it to my computer and use that to do stuff on my TS-850. Therefore id there an interface program out there to enable me to do this please.
Many Thanks.
Ron (GW1HIN)

[Non-text portions of this message have been removed]

7338. Re: [TS-850_450_690] Running My TS-850S using my Computer

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-10-10 03:24:36 UTC
From: Tom Osborne
Topic: 7336 Message: 7338

> suggest if 232c or clone, nice one available from g4zlp (call??) off ebay
>
> software (depends on your intention) ve3mij makes a simple software for
> the 850, many log programs work with the 850, also ham radio deluxe, a
> search of google I am sure would show much more.... it depends on
> whether you are trying dx spotting, logging, memory management, or
> strictly rig control

Neal's call is G4ZLP. He has a good product and I have 4 of them here. 73
Tom W7WHY

7339. Re: Running My TS-850S using my Computer

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-10-10 09:19:29 UTC
From: Ronald Ellwood-Thompson
Topic: 7336 Message: 7339

Hi Dave,
Thanks for the reply. I will look around Google and see whats
available. Was thinking more of rig control, and memory management
etc. Although I must add, this is only an afterthought to using the
TS-850, which I find to be a superb stand-alone transceiver without
any outside help. But it's nice to play around with technology.
Best 73s.
ron (GW1HIN)

-- In TS-850_450_690@yahoogroups.com, "ve3wej gmail" <ve3wej@...>
wrote:
>
> suggest if 232c or clone, nice one available from g4zlp (call??)
off ebay
>
> software (depends on your intention) ve3mij makes a simple software
for the 850, many log programs work with the 850, also ham radio
deluxe, a search of google I am sure would show much more.... it
depends on whether you are trying dx spotting, logging, memory
management, or strictly rig control
>
>
> VE3WEJ
> Dave Garber
>
> 10-X # 23465
> echolink # 52852
> irlp node 2202
> email ve3wej@...
> ----- Original Message -----
> From: Ronald Ellwood-Thompson
> To: TS-850_450_690@yahoogroups.com
> Sent: Thursday, October 09, 2008 6:34 PM
> Subject: [TS-850_450_690] Running My TS-850S using my Computer
>
>
> Hi All,
> Having had my new (to me) 850 for a few weeks now and have learnt
how
> to drive it etc, I would like as my next job to find a way to
connect
> it to my computer and use that to do stuff on my TS-850.
Therefore id
> there an interface program out there to enable me to do this
please.

> Many Thanks.
> Ron (GW1HIN)
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

7340. Re: Running My TS-850S using my Computer

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-10-13 16:13:39 UTC
From: kdrosenlund
Topic: 7336 Message: 7340

Hi Ron,

Here's a simple computer interface you can make with
just a few parts,

http://members.cox.net/kb1gw/850-mods.htm
(scroll all the way down the page)

Once you have this, you could just get a USB/Serial converter
cable or box, which aren't too expensive.

There are lots of Windows programs for rig control,
for Mac users there's the commercial program
MacLoggerDX, which is very good.

The 850 is such a great rig by itself though, and 100 memory channels
are plenty.

-Kit KG6PHS
http://members.dslextreme.com/users/kdrosenlund/

7341. Re: Running My TS-850S using my Computer

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-10-13 17:10:36 UTC
From: Ronald Ellwood-Thompson
Topic: 7336 Message: 7341

Hi Kit,
Many thanks for the information. Will go and look to-night when I get
home.
Best 73s.
Ron. (GW1HIN)-

-- In TS-850_450_690@yahoogroups.com, "kdrosenlund" <kdrosenlund@...>
wrote:
>
> Hi Ron,
>
> Here's a simple computer interface you can make with
> just a few parts,
>
> http://members.cox.net/kb1gw/850-mods.htm
> (scroll all the way down the page)
>
> Once you have this, you could just get a USB/Serial converter
> cable or box, which aren't too expensive.
>
> There are lots of Windows programs for rig control,
> for Mac users there's the commercial program
> MacLoggerDX, which is very good.
>
> The 850 is such a great rig by itself though, and 100 memory
channels
> are plenty.
>
> -Kit KG6PHS
> http://members.dslextreme.com/users/kdrosenlund/
>

7342. Re: [TS-850_450_690] Re: Running My TS-850S using my Computer

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-10-13 20:20:42 UTC
From: ve3wej gmail
Topic: 7336 Message: 7342

you could also get the g4zlp inerface....

VE3WEJ
Dave Garber

10-X # 23465
echolink # 52852
irlp node 2202
email ve3wej@...
----- Original Message -----
From: kdrosenlund
To: TS-850_450_690@yahoogroups.com
Sent: Monday, October 13, 2008 12:13 PM
Subject: [TS-850_450_690] Re: Running My TS-850S using my Computer

Hi Ron,

Here's a simple computer interface you can make with
just a few parts,

http://members.cox.net/kb1gw/850-mods.htm
(scroll all the way down the page)

Once you have this, you could just get a USB/Serial converter
cable or box, which aren't too expensive.

There are lots of Windows programs for rig control,
for Mac users there's the commercial program
MacLoggerDX, which is very good.

The 850 is such a great rig by itself though, and 100 memory channels
are plenty.

-Kit KG6PHS
http://members.dslextreme.com/users/kdrosenlund/

[Non-text portions of this message have been removed]

7343. RE: [TS-850_450_690] Re: Running My TS-850S using my Computer

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-10-15 10:59:02 UTC
From: Robert Hunter
Topic: 7336 Message: 7343

I use the IF232 for computer rig control and contest software N1MM. In the small city lot that I have I am fairly close to the antennas and have an RFI problem. The cure was to add RigBlaster Pro for audio and RTTY key line isolation. I tried the Rig Blaster Plus but changing from RTTY to CW was complex. The IF232 provides isolation and level translation on the serial lines. I have a system hookup schematic drawn in Visio and could be pasted to WORD if you are interested.

Bob NG2P

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of ve3wej gmail
Sent: Monday, October 13, 2008 4:21 PM
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] Re: Running My TS-850S using my Computer

you could also get the g4zlp inerface....

VE3WEJ
Dave Garber

10-X # 23465
echolink # 52852
irlp node 2202
email ve3wej@... <mailto:ve3wej%40rac.ca>
----- Original Message -----
From: kdrosenlund
To: TS-850_450_690@yahoogroups.com <mailto:TS-850_450_690%40yahoogroups.com>

Sent: Monday, October 13, 2008 12:13 PM
Subject: [TS-850_450_690] Re: Running My TS-850S using my Computer

Hi Ron,

Here's a simple computer interface you can make with
just a few parts,

http://members.cox.net/kb1gw/850-mods.htm
(scroll all the way down the page)

Once you have this, you could just get a USB/Serial converter
cable or box, which aren't too expensive.

There are lots of Windows programs for rig control,
for Mac users there's the commercial program
MacLoggerDX, which is very good.

The 850 is such a great rig by itself though, and 100 memory channels are plenty.

-Kit KG6PHS
http://members.dslextreme.com/users/kdrosenlund/

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

7344. Carrier Board

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-10-24 11:03:11 UTC
From: deltaloop21
Topic: 7344 Message: 7344

Hello All,
Where can one purchase a carrier board for the TS-850S.

Thank you

Derek - J39BS

7345. Kenwood Antenna Tuner:

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-10-24 15:43:08 UTC
From: Frank Donnelly
Topic: 7345 Message: 7345

Hello:

Saw your post on the 850 group.
Go to QTH.com and type in TS-850 Carrier board.
That's where I bought some parts for my 850.
Good luck Frank KI0RQ

7346. Power Plug on Back of TS450S

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-10-25 23:13:13 UTC
From: k8pjm
Topic: 7346 Message: 7346

Hello Everyone,
I have a TS450S that is giving me problems with the power plug on the back of the rig. Sometimes when I move the radio I have to pull the plug and reinsert the power cable into the radio.

Before I get into it I was wondering if anyone has had a similar problem.

I'm no stranger to fixing things, been in the electrical repair industry for 33 years. Just changed the battery in the radio since it started leaking.

Phil

7347. Re: [TS-850_450_690] Power Plug on Back of TS450S

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-10-27 19:16:50 UTC
From: ve3wej gmail
Topic: 7346 Message: 7347

check for arcing on the connections.. you have to determine whether it is the cable or socket that is intermintant.. and replace that or both..... check solder connetions inside the radio check crimps, etc....

sounds mostly a visual check

VE3WEJ
Dave Garber

10-X # 23465
echolink # 52852
irlp node 2202
email ve3wej@...
----- Original Message -----
From: k8pjm
To: TS-850_450_690@yahoogroups.com
Sent: Saturday, October 25, 2008 7:13 PM
Subject: [TS-850_450_690] Power Plug on Back of TS450S

Hello Everyone,
I have a TS450S that is giving me problems with the power plug on the back of the rig. Sometimes when I move the radio I have to pull the plug and reinsert the power cable into the radio.

Before I get into it I was wondering if anyone has had a similar problem.

I'm no stranger to fixing things, been in the electrical repair industry for 33 years. Just changed the battery in the radio since it started leaking.

Phil

[Non-text portions of this message have been removed]

7348. TS850/SB200

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-10-30 22:17:37 UTC
From: k7cu
Topic: 7348 Message: 7348

Has anyone linked a TS850SAT to a SB200? If so, what sort of interface would I need to protect the '850?

7349. Re: [TS-850_450_690] TS850/SB200

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-10-31 02:02:11 UTC
From: ve3wej gmail
Topic: 7348 Message: 7349

"ampkeyer" is one brand
VE3WEJ
Dave Garber

10-X # 23465
echolink # 52852
irlp node 2202
email ve3wej@...
----- Original Message -----
From: k7cu
To: TS-850_450_690@yahoogroups.com
Sent: Thursday, October 30, 2008 6:17 PM
Subject: [TS-850_450_690] TS850/SB200

Has anyone linked a TS850SAT to a SB200? If so, what sort of interface
would I need to protect the '850?

[Non-text portions of this message have been removed]

7350. RE: [TS-850_450_690] TS850/SB200

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-10-31 02:15:42 UTC
From: Greg Gollan
Topic: 7348 Message: 7350

I have used a homemade relay and an AmpKeyer with the TS850 and SB200.
http://www.theheathkitshop.com/page13/_ampkeyer.html
Both work fine.

Greg
VE1GCG

-----Original Message-----
From: TS-850_450_690@yahoogroups.com
[mailto:TS-850_450_690@yahoogroups.com]On Behalf Of k7cu
Sent: October 30, 2008 7:18 PM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] TS850/SB200

Has anyone linked a TS850SAT to a SB200? If so, what sort of interface
would I need to protect the '850?

[Non-text portions of this message have been removed]

7351. Re: TS850/SB200

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-10-31 03:02:18 UTC
From: Clif
Topic: 7348 Message: 7351

One more time. This is a Kenwood, not an Icom.

No interface needed. The relay is rated 2A @ 30VDC (that's AMPS) and
400ma at 125VAC. I doubt the intermediate keying relay a lot of folks
use is that hefty.

Clif

--- In TS-850_450_690@yahoogroups.com, "k7cu" <k7cu@...> wrote:
>
> Has anyone linked a TS850SAT to a SB200? If so, what sort of interface
> would I need to protect the '850?
>

7352. RE: [TS-850_450_690] Re: TS850/SB200

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-10-31 03:48:37 UTC
From: Greg Gollan
Topic: 7348 Message: 7352

Isn't the Heathkit keying relay voltage 135 volts @ 3 amps?
Greg

-----Original Message-----
From: TS-850_450_690@yahoogroups.com
[mailto:TS-850_450_690@yahoogroups.com]On Behalf Of Clif
Sent: October 31, 2008 12:02 AM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] Re: TS850/SB200

One more time. This is a Kenwood, not an Icom.

No interface needed. The relay is rated 2A @ 30VDC (that's AMPS) and
400ma at 125VAC. I doubt the intermediate keying relay a lot of folks
use is that hefty.

Clif

--- In TS-850_450_690@yahoogroups.com, "k7cu" <k7cu@...> wrote:
>
> Has anyone linked a TS850SAT to a SB200? If so, what sort of interface
> would I need to protect the '850?
>

[Non-text portions of this message have been removed]

7353. Re: [TS-850_450_690] Re: TS850/SB200

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-10-31 04:34:18 UTC
From: Tom Osborne
Topic: 7348 Message: 7353

It's around that. I built a small 12 volt supply to key a relay that keys the one in my SB-200. I use the relay in the TS-450SAT to key that 12 volt relay. The box I built has 3 breakouts so I can key other things if I need to. 73
Tom W7WHY

> Isn't the Heathkit keying relay voltage 135 volts @ 3 amps?
> Greg
>

7354. Re: TS850/SB200

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-10-31 13:04:49 UTC
From: Darl Deeds
Topic: 7348 Message: 7354

I have used a Heath SB-220 with my TS-850 for many years wthout an interface. Like Clif said, none needed.

Darl NA8W

--- In TS-850_450_690@yahoogroups.com, "k7cu" <k7cu@...> wrote:
>
> Has anyone linked a TS850SAT to a SB200? If so, what sort of interface
> would I need to protect the '850?
>

7355. RE: [TS-850_450_690] Re: TS850/SB200

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-10-31 03:38:59 UTC
From: Greg Gollan
Topic: 7348 Message: 7355

AmpKeyer is 10 amps @ 12 volts

Greg
-----Original Message-----
From: TS-850_450_690@yahoogroups.com
[mailto:TS-850_450_690@yahoogroups.com]On Behalf Of Clif
Sent: October 31, 2008 12:02 AM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] Re: TS850/SB200

One more time. This is a Kenwood, not an Icom.

No interface needed. The relay is rated 2A @ 30VDC (that's AMPS) and
400ma at 125VAC. I doubt the intermediate keying relay a lot of folks
use is that hefty.

Clif

--- In TS-850_450_690@yahoogroups.com, "k7cu" <k7cu@...> wrote:
>
> Has anyone linked a TS850SAT to a SB200? If so, what sort of interface
> would I need to protect the '850?
>

[Non-text portions of this message have been removed]

7356. Re: [TS-850_450_690] TS850/SB200

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-11-01 01:54:20 UTC
From: Mike Rhodes
Topic: 7348 Message: 7356

http://www.harbachelectronics.com/main/page_products_sb200__sb201.html

$27 - cheap peace of mind and if you pick up a backup rig, the amp is ready - regardless of the t/r switch capabilities.

Mike / W8DN

k7cu wrote:
>
> Has anyone linked a TS850SAT to a SB200? If so, what sort of interface
> would I need to protect the '850?
>
>

7357. Going Back - TS-830S

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-11-01 21:08:35 UTC
From: Crownhaven
Topic: 7357 Message: 7357

I used to have a TS-830S but upgraded to the TS-850S when the ARRL said it was the best radio they had tested. I wonder what those of you think of the receiver on the 830 vs. the 850? My 830 WAS very quiet. Didn't have the means to keep it around for comparison back then. Too poor. Any comments would be appreciated.

Steve, N4JQQ

7358. Re: [TS-850_450_690] Going Back - TS-830S

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-11-02 04:58:41 UTC
From: Steve Gehring
Topic: 7357 Message: 7358

Hi Steve,

I owned both the 830S and the 850S, and they were side-by-side in the early nineties shack in Biloxi, MS -- while I was active duty Air Force at Keesler AFB. My 830S had matched INRAD 2.1 KHz filters in both IF's, as well as the filter switch kit that switched in the original and wider 445 KHz Murata filter for transmit.

Personally, I found both radios quite equal in capabilities, with my mod'ed 830S possibly edging out the 850S (the 850S didn't have matched filters in both IF's). As far as capabilities go, the 850S won hands down. And, I still own and operate an 850 on a daily basis.

Now that I think of it, I shouldn't have sold the 830S. That was a mistake... I loved its performance, too.

73 de Steve, NL7W
Palmer, AK

Crownhaven wrote:
>
> I used to have a TS-830S but upgraded to the TS-850S when the ARRL said
> it was the best radio they had tested. I wonder what those of you think
> of the receiver on the 830 vs. the 850? My 830 WAS very quiet. Didn't
> have the means to keep it around for comparison back then. Too poor.
> Any comments would be appreciated.
>
> Steve, N4JQQ
>
>
> ---
>
>
> No virus found in this incoming message.
> Checked by AVG - http://www.avg.com
> Version: 8.0.175 / Virus Database: 270.8.5/1761 - Release Date: 11/1/2008 7:56 PM
>
>

7359. FS: Kenwood TS850SAT with filters

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-11-04 16:53:07 UTC
From: John Geiger
Topic: 7359 Message: 7359

I am selling this for a friend, but have used it myself as well. Wish I could keep it myself but funds just don't allow that right now.

I have a top of the line Kenwood HF transceiver for sale. It is a Kenwood TS850SAT HF transceiver. One of the best receivers ever made, according to QST. It is in excellent condition and comes with the hand mic, power cord, and a W7FG copy of the operating manual. It has 2 of the INRAD 400hz CW filters installed, and 1 INRAD 250hz CW filter installed.

I am asking $800 which includes shipping in the US. I would be interested in trades involving a Yaesu FT857D or FT897D. I can sell it for less without the filters. I can take paypal/check/MO.

I would also sell the filters separately if anyone wants to make an offer on them. The TS850SAT is in the 2 million serial number range.

73s John AA5JG

7360. RE: [TS-850_450_690] FS: Kenwood TS850SAT with filters

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-11-04 21:42:51 UTC
From: Marty Bluhm
Topic: 7359 Message: 7360

Hi John,
I have a FT857D that I would be interested in trading. Love the 850's.
Marty
W8AKS

-----Original Message-----
From: TS-850_450_690@yahoogroups.com
[mailto:TS-850_450_690@yahoogroups.com]On Behalf Of John Geiger
Sent: Tuesday, November 04, 2008 16:53
To: ts-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] FS: Kenwood TS850SAT with filters

I am selling this for a friend, but have used it myself as well. Wish I could keep it myself but funds just don't allow that right now.

I have a top of the line Kenwood HF transceiver for sale. It is a Kenwood TS850SAT HF transceiver. One of the best receivers ever made, according to QST. It is in excellent condition and comes with the hand mic, power cord, and a W7FG copy of the operating manual. It has 2 of the INRAD 400hz CW filters installed, and 1 INRAD 250hz CW filter installed.

I am asking $800 which includes shipping in the US. I would be interested in trades involving a Yaesu FT857D or FT897D. I can sell it for less without the filters. I can take paypal/check/MO.

I would also sell the filters separately if anyone wants to make an offer on them. The TS850SAT is in the 2 million serial number range.

73s John AA5JG

[Non-text portions of this message have been removed]

7361. Re: [TS-850_450_690] FS: Kenwood TS850SAT with filters

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-11-04 22:26:59 UTC
From: Mike Christiansen
Topic: 7359 Message: 7361

John, why is your friend wanting the yaesu over the 850? Is it
because he just wants a more portable rig?

Mike, N4GW

On Nov 4, 2008, at 11:53 AM, John Geiger wrote:

> I am selling this for a friend, but have used it myself as well.
> Wish I could keep it myself but funds just don't allow that right now.
>
> I have a top of the line Kenwood HF transceiver for sale. It is a
> Kenwood TS850SAT HF transceiver. One of the best receivers ever
> made, according to QST. It is in excellent condition and comes with
> the hand mic, power cord, and a W7FG copy of the operating manual.
> It has 2 of the INRAD 400hz CW filters installed, and 1 INRAD 250hz
> CW filter installed.
>
> I am asking $800 which includes shipping in the US. I would be
> interested in trades involving a Yaesu FT857D or FT897D. I can sell
> it for less without the filters. I can take paypal/check/MO.
>
> I would also sell the filters separately if anyone wants to make an
> offer on them. The TS850SAT is in the 2 million serial number range.
>
> 73s John AA5JG
>
>
>

[Non-text portions of this message have been removed]

7362. bhi DSP quuestion

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-11-08 00:33:22 UTC
From: Steve Foster
Topic: 7362 Message: 7362

Has anyone installed a bhi dsp unit in an 850? If so , any comments?
Info on where to connect it? Thanks in advance.
WB5OMP

7363. TS-450 Problem...low light on display and no rx or tx

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-11-11 15:20:56 UTC
From: Sergio Potes
Topic: 7363 Message: 7363

I have a TS-450S was using it for swl it was working fine and I pressed
the buttons to switch in another filter and it stop receiving.
The radio turns on but there is no signal and the display has a very
low light display. Has anyone had this problem.
Help
AE4TO
techwantobe

7364. Re: [TS-850_450_690] TS-450 Problem...low light on display and no rx or tx

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-11-11 20:36:56 UTC
From: ve3wej gmail
Topic: 7363 Message: 7364

did you try removing the filter....

VE3WEJ
Dave Garber

10-X # 23465
echolink # 52852
irlp node 2202
email ve3wej@...
----- Original Message -----
From: Sergio Potes
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, November 11, 2008 10:20 AM
Subject: [TS-850_450_690] TS-450 Problem...low light on display and no rx or tx

I have a TS-450S was using it for swl it was working fine and I pressed
the buttons to switch in another filter and it stop receiving.
The radio turns on but there is no signal and the display has a very
low light display. Has anyone had this problem.
Help
AE4TO
techwantobe

[Non-text portions of this message have been removed]

7365. Re: TS-450 Problem...low light on display and no rx or tx

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-11-11 21:21:47 UTC
From: Sergio Potes
Topic: 7363 Message: 7365

--- In TS-850_450_690@yahoogroups.com, "ve3wej gmail" <ve3wej@...> wrote:
>
> did you try removing the filter....
>
> VE3WEJ
> Dave Garber

Dave: Thanks for the e-mail
I was just jumping from one filter to another using the filter key pad.
The radio only has the standard filter it came with.
It was receiving and transmitting fine.
I have replaced the battery.
But that was some time ago.
I did a rebut and nothing happens.
The radio turns on and the display is very dim no audio and can go into tx
Let me know if you know what may be the problem.
Thanks1 AE4TO

7366. Re: TS-450 Problem...low light on display and no rx or tx

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-11-11 21:48:14 UTC
From: Martin Rigby
Topic: 7363 Message: 7366

--- In TS-850_450_690@yahoogroups.com, "Sergio Potes" <verotex@...>
wrote:
>
> --- In TS-850_450_690@yahoogroups.com, "ve3wej gmail" <ve3wej@>
wrote:
> >
> > did you try removing the filter....
> >
> > VE3WEJ
> > Dave Garber
>
> Dave: Thanks for the e-mail
> I was just jumping from one filter to another using the filter key
pad.
> The radio only has the standard filter it came with.
> It was receiving and transmitting fine.
> I have replaced the battery.
> But that was some time ago.
> I did a rebut and nothing happens.
> The radio turns on and the display is very dim no audio and can go
into tx
> Let me know if you know what may be the problem.
> Thanks1 AE4TO
>
This sounds like it could be a power supply related problem to me.

It could be a problem with an external power supply having low output
voltage, or a fault pulling down the external power supply voltage.

Alternatively it could be an internal fault dragging down a key
supply rail.

You could try your power supply with another piece of equipment (or
simply measure the voltage with a meter), or try another power supply
(preferably one with a current limiting circuit) with your radio to
eliminate or otherwise this possibility.

If it is internal to the radio, then someone is going to have to get
a screwdriver out and start carrying out some tests!

Shorts or overloads on supply rails often leave evidence, or "emit"
evidence in the form of smoke, or if you are lucky, just a smell!

Hope this helps

Martin
G4FUI

www.g4fui.net

7367. TS 850 instruction manual and service manual

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-11-13 20:41:37 UTC
From: bigfork04
Topic: 7367 Message: 7367

I have a TS850 original instruction manual and service manual forsale.
$40 plus shipping. bigfork04 @ yahoo.com

7368. Re: TS-850S Audio Hiss

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-11-14 19:46:21 UTC
From: n4umj
Topic: 7310 Message: 7368

I recently have been doing side by side receive audio performance tests with my new (to me) TS-450 and TS-850 and yes the hiss is very noticebly higher on the TS-850 on SSB. But the high fidelity response on the AM mode is much higher as well on the TS-850 so it's a plus there and I do listening on AM (Broadcast and 75 meters) quite often. The external speaker I am using is an optimus PRO-77 with the tweeter removed.

On SSB receive the TS-850 slope adjustment will trim away an adjacent interfering signal a bit but on the same signals on the the TS-450S it comes out sounding a touch better.

I was puzzled somewhat by the differing 2.4 and 2.7 bandwidths between the two radios and wish the 850 had both available for use. The TS-850 slope tuning seems to get close to attenuating an adjacent interfering SSB signal but the 450 seems to be the winner when I compare the two.

One day I will crack the schematics open and compare the cicuitry between the two.

Having come from using a 746PRO (and other ICOMS) I will say the hiss in the TS850 is no problem to me. I have done many side by side tests with the 746PRO (and PROII) and no matter what I do I can't get rid of the DSP shrill sound... sort of like having an echo from a dixie cup beside the mic. Even the 9 kHz of the AM receive on the 746PRO comes nowhere close to that of the TS-850 or TS-450.

I really enjoy listening to AM on my ICOM R8500 receiver (NO DSP!) and the TS450 and TS-850 are as equal or better. Having sold my TS-440 years ago and switching to the newer ICOMS I had missed out on the newer Kenwoods. I was pleasantly surprised with what I discovered recently! Great work Kenwood!

Ed
N4UMJ

One more note is that both my TS-850 and TS-450 have not been modded yet for the Broadcast band attenuator removal but the TS-450 seems to have the best receive of the two (as much as 15 db higher) in that band hearing many signals. I will be doing those mods to both radios later and can't wait to hear the results....

--- In TS-850_450_690@yahoogroups.com, "Jordan" <Outposter30@...> wrote:
>
> Hi Steve... Actually, thats how I first noticed the hiss myself...

I have a bunch of RS Minimus 7 metal case bookshelf spkrs here that are all black and only one SP-31...SInce I hate sharing spoeakers, I tried one on the 850, and wondered what I had done wrong...I ended up using the Min7 on the 450S, as the 450S has a lower level of background noise...
> 73...Jordan....

7369. Kenwoos TS-440 Filter

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-11-16 04:29:20 UTC
From: KI4MFD@bellsouth.net
Topic: 7369 Message: 7369

Does anyone know if the Kenwood TS-440 filters will work on the TS-450?

Please let me know. I am looking at a YK-88SN. However I would like to know about the others as well.

Also, If anyone has had experience with any Inrad filters, especially on the 455 side, I would appreciatte you help.

Thanks,
Don

[Non-text portions of this message have been removed]

7370. Re: [TS-850_450_690] Kenwoos TS-440 Filter

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-11-16 05:32:41 UTC
From: ve3wej gmail
Topic: 7369 Message: 7370

you need the plug in -1 versions, ts440 are solder in

VE3WEJ
Dave Garber

10-X # 23465
echolink # 52852
irlp node 2202
email ve3wej@...
----- Original Message -----
From: KI4MFD@...
To: TS-850_450_690@yahoogroups.com
Sent: Saturday, November 15, 2008 11:29 PM
Subject: [TS-850_450_690] Kenwoos TS-440 Filter

Does anyone know if the Kenwood TS-440 filters will work on the TS-450?

Please let me know. I am looking at a YK-88SN. However I would like to know about the others as well.

Also, If anyone has had experience with any Inrad filters, especially on the 455 side, I would appreciatte you help.

Thanks,
Don

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

7371. Re: [TS-850_450_690] Kenwoos TS-440 Filter

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-11-16 14:33:18 UTC
From: Bud Haynes
Topic: 7369 Message: 7371

> Does anyone know if the Kenwood TS-440 filters will work on the TS-450?
>
> Please let me know. I am looking at a YK-88SN. However I would like to
> know about the others as well.
>
> Also, If anyone has had experience with any Inrad filters, especially
> on the 455 side, I would appreciatte you help.
>
> Thanks,
> Don

++
The 440 uses solder in filters and the 450 uses plug in.

Bud - KV7G - Glenrock, WY
>

7372. Raw/Raspy Audio

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-11-20 07:25:03 UTC
From: subriaus
Topic: 7372 Message: 7372

Hi

I do have a problem that I quite stuck with.
It´s raw/raspy audio. So I did the following actions:

*Replaced the leaky caps on the carrier board. Total of 10 10uf and also
the rest of the caps on that board. Some were leaking and low in value.
* Replaced TC1 on the PPL board
*Realigned according to the service manual 5V on tp2 and 2.3/6-8 on
TP1

Before the actions above I had raspy sigs/audio on all bands.
After the job I have clean sigs on all bands except 1.8 and 3.5 Mhz,
where it is very raspy.So here is were I am stuck.
Could it be that one of the DDS IC 66312 has been damaged by the
leaky caps ?

Any inputs would be of help

73
Frank
KC0YQI/SM5QU

7373. Re: Raw/Raspy Audio

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-11-20 16:16:03 UTC
From: Clif
Topic: 7372 Message: 7373

I guess you're referring to the 850.

Analyze the problem. TC-1 in LO-2 VCO(Het osc) operates the same on all bands and is famous for that problem but you fixed it. The carrier unit (DDS chips) operates the same on all bands. The 4 VCO's (VCO-1 thru 4) on the PLL unit are banded, IE: VCO-1 covers 30 kHz to 7.4999 mHz and is set using TC-1, 7.5 mHz to 14.4999mHz is covered by VCO-2 and is adjusted by TC2. and on for 2 more, VCO-3 and VCO-4. Each of those is only active in their frequency range.

See where the problem is?

Clif

--- In TS-850_450_690@yahoogroups.com, "subriaus" <fravin@...> wrote:
>
> Hi
>
> I do have a problem that I quite stuck with.
> It´s raw/raspy audio. So I did the following actions:
>
> *Replaced the leaky caps on the carrier board. Total of 10 10uf and also
> the rest of the caps on that board. Some were leaking and low in value.
> * Replaced TC1 on the PPL board
> *Realigned according to the service manual 5V on tp2 and 2.3/6-8 on
> TP1
>
> Before the actions above I had raspy sigs/audio on all bands.
> After the job I have clean sigs on all bands except 1.8 and 3.5 Mhz,
> where it is very raspy.So here is were I am stuck.
> Could it be that one of the DDS IC 66312 has been damaged by the
> leaky caps ?
>
> Any inputs would be of help
>
> 73
> Frank
> KC0YQI/SM5QU
>

7374. ts 450s tuner problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-11-20 20:09:39 UTC
From: woodensteel76
Topic: 7374 Message: 7374

I have just recently gotten a ts-450sat
Everything works perfectly except the antenna tuner
i have tried both the manual and automatic tuner modes
lights come on rig switches to cw
But no movement from the tuner
the motors don't move

Any ideas on what might be wrong?

Wayne
KB3RRX

7375. Re: [TS-850_450_690] ts 450s tuner problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-11-20 21:22:44 UTC
From: ve3wej gmail
Topic: 7374 Message: 7375

is you swr ok at that spot, there may be no need to retune. also make sure you car level is high enough to activate the tuner....

some auto tuner will not work below 10 watts drive, some are auto reduced to 10 watts drive. cant remember the 450 type

VE3WEJ
Dave Garber

10-X # 23465
echolink # 52852
irlp node 2202
email ve3wej@...
----- Original Message -----
From: woodensteel76
To: TS-850_450_690@yahoogroups.com
Sent: Thursday, November 20, 2008 3:09 PM
Subject: [TS-850_450_690] ts 450s tuner problem

I have just recently gotten a ts-450sat
Everything works perfectly except the antenna tuner
i have tried both the manual and automatic tuner modes
lights come on rig switches to cw
But no movement from the tuner
the motors don't move

Any ideas on what might be wrong?

Wayne
KB3RRX

[Non-text portions of this message have been removed]

7376. Re: ts 450s tuner problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-11-20 20:54:31 UTC
From: Ronald Ellwood-Thompson
Topic: 7374 Message: 7376

Hi Wayne,
Could it be that you are not depressing the key/mic in order for the tuner to have a signal to work with.
Ron (GW1HIN)

--- In TS-850_450_690@yahoogroups.com, "woodensteel76" <rgr480@...> wrote:
>
> I have just recently gotten a ts-450sat
> Everything works perfectly except the antenna tuner
> i have tried both the manual and automatic tuner modes
> lights come on rig switches to cw
> But no movement from the tuner
> the motors don't move
>
> Any ideas on what might be wrong?
>
> Wayne
> KB3RRX
>

7377. Re: Power Plug on Back of TS450S

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-11-21 14:52:23 UTC
From: Lurch
Topic: 7346 Message: 7377

I believe the connector used on my TS850 for power input [and by extension most other Kenwoods] uses the same crimp pins and connector bodies as most 1990's Harleys...pins should be available over the counter at any Harley dealer...

73 de ka9egw

--- In TS-850_450_690@yahoogroups.com, "k8pjm" <k8pjm@...> wrote:
>
> Hello Everyone,
> I have a TS450S that is giving me problems with the power plug on the
> back of the rig. Sometimes when I move the radio I have to pull the
> plug and reinsert the power cable into the radio.
>
> Before I get into it I was wondering if anyone has had a similar
> problem.
>
> I'm no stranger to fixing things, been in the electrical repair
> industry for 33 years. Just changed the battery in the radio since it
> started leaking.
>
> Phil
>

7378. Re: ts 450s tuner problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-11-21 15:30:38 UTC
From: woodensteel76
Topic: 7374 Message: 7378

swr is not ok. Didn't think about the carrier... Tried it with full carrier still no movement. :(

another fella suggested looking under the battery to see if it leaked and ate a trace out of the board. I will check this next.

Wayne
KB3RRX

--- In TS-850_450_690@yahoogroups.com, "ve3wej gmail" <ve3wej@...> wrote:
>
> is you swr ok at that spot, there may be no need to retune. also make sure you car level is high enough to activate the tuner....
>
> some auto tuner will not work below 10 watts drive, some are auto reduced to 10 watts drive. cant remember the 450 type
>
> VE3WEJ
> Dave Garber
>
> 10-X # 23465
> echolink # 52852
> irlp node 2202
> email ve3wej@...
> ----- Original Message -----
> From: woodensteel76
> To: TS-850_450_690@yahoogroups.com
> Sent: Thursday, November 20, 2008 3:09 PM
> Subject: [TS-850_450_690] ts 450s tuner problem
>
>
> I have just recently gotten a ts-450sat
> Everything works perfectly except the antenna tuner
> i have tried both the manual and automatic tuner modes
> lights come on rig switches to cw
> But no movement from the tuner
> the motors don't move
>
> Any ideas on what might be wrong?
>
> Wayne
> KB3RRX
>
>
>
>

>
> [Non-text portions of this message have been removed]
>

7379. Re: ts 450s tuner problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-11-21 15:34:52 UTC
From: woodensteel76
Topic: 7374 Message: 7379

Ok folks checked all connections and cleaned em. Checked out battery
that did leak and burn out a trace on the board. Fixed the trace and
reassembled.

Tuner works great now!!!

Thanks to everybody who helped.

73 hope to hear ya on the bands
Wayne
KB3RRX

--- In TS-850_450_690@yahoogroups.com, "woodensteel76" <rgr480@...> wrote:
>
> I have just recently gotten a ts-450sat
> Everything works perfectly except the antenna tuner
> i have tried both the manual and automatic tuner modes
> lights come on rig switches to cw
> But no movement from the tuner
> the motors don't move
>
> Any ideas on what might be wrong?
>
> Wayne
> KB3RRX
>

7380. Re: ts 450s tuner problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-11-21 15:36:28 UTC
From: woodensteel76
Topic: 7374 Message: 7380

according to the manual it should automatically key and produce a tone.
The on air light comes on when it tries to tune.

Wayne
KB3RRX

--- In TS-850_450_690@yahoogroups.com, "Ronald Ellwood-Thompson"
<ronelltom@...> wrote:
>
> Hi Wayne,
> Could it be that you are not depressing the key/mic in order for the
> tuner to have a signal to work with.
> Ron (GW1HIN)
>
> --- In TS-850_450_690@yahoogroups.com, "woodensteel76" <rgr480@>
> wrote:
> >
> > I have just recently gotten a ts-450sat
> > Everything works perfectly except the antenna tuner
> > i have tried both the manual and automatic tuner modes
> > lights come on rig switches to cw
> > But no movement from the tuner
> > the motors don't move
> >
> > Any ideas on what might be wrong?
> >
> > Wayne
> > KB3RRX
> >
>

7381. Computer Control of TS-850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-11-21 18:23:04 UTC
From: Kevin Nathan
Topic: 7381 Message: 7381

Hi All,

I am new to the group and very strongly considering buying a TS-850 after using my friend's radio last weekend. Right now I have a TS-480 which for me, as a totally blind ham, is very easy to use. I can also control it with my computer and my logging program to send the radio to the frequency of DX spots in which I am interested. I understand this is also possible with the 850 using the Kenwood IF-232 interface. I also understand these are harder than hen's teeth to find. Can I use something like the LCU-3K from Hosenose.com to accomplish the same thing without problems?

thanks much in advance for your assistance and very 73.

Kevin :)
Amateur Radio: K7RX

7382. Re: Computer Control of TS-850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-11-21 19:35:29 UTC
From: Ronald Ellwood-Thompson
Topic: 7381 Message: 7382

Hi,
If you Google LSU-3K and not LCU-3K they do mention the suitability
of connecting the lead you have to the TS-850.73s.
Ron (GW1HIN)

--- In TS-850_450_690@yahoogroups.com, "Kevin Nathan" <k7rx@...>
wrote:
>
> Hi All,
>
> I am new to the group and very strongly considering buying a TS-850
after
> using my friend's radio last weekend. Right now I have a TS-480
which for
> me, as a totally blind ham, is very easy to use. I can also
control it with
> my computer and my logging program to send the radio to the
frequency of DX
> spots in which I am interested. I understand this is also possible
with the
> 850 using the Kenwood IF-232 interface. I also understand these
are harder
> than hen's teeth to find. Can I use something like the LCU-3K from
> Hosenose.com to accomplish the same thing without problems?
>
> thanks much in advance for your assistance and very 73.
>
> Kevin :)
> Amateur Radio: K7RX
>

7383. RE: [TS-850_450_690] Re: Computer Control of TS-850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-11-21 20:07:11 UTC
From: Kevin Nathan
Topic: 7381 Message: 7383

Thanks very much and very 73.

Kevin :)
Amateur Radio: K7RX

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of Ronald Ellwood-Thompson
Sent: Friday, November 21, 2008 11:35
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] Re: Computer Control of TS-850

Hi,
If you Google LSU-3K and not LCU-3K they do mention the suitability
of connecting the lead you have to the TS-850.73s.
Ron (GW1HIN)

--- In TS-850_450_690@ <mailto:TS-850_450_690%40yahoogroups.com>
yahoogroups.com, "Kevin Nathan" <k7rx@...>
wrote:
>
> Hi All,
>
> I am new to the group and very strongly considering buying a TS-850
after
> using my friend's radio last weekend. Right now I have a TS-480
which for
> me, as a totally blind ham, is very easy to use. I can also
control it with
> my computer and my logging program to send the radio to the
frequency of DX
> spots in which I am interested. I understand this is also possible
with the
> 850 using the Kenwood IF-232 interface. I also understand these
are harder
> than hen's teeth to find. Can I use something like the LCU-3K from
> Hosenose.com to accomplish the same thing without problems?
>
> thanks much in advance for your assistance and very 73.
>
> Kevin :)
> Amateur Radio: K7RX
>

No virus found in this incoming message.
Checked by AVG - http://www.avg.com
Version: 8.0.175 / Virus Database: 270.9.9/1803 - Release Date: 11/21/2008
09:37

[Non-text portions of this message have been removed]

7384. Re: [TS-850_450_690] Re: ts 450s tuner problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-11-21 20:38:59 UTC
From: ve3wej gmail
Topic: 7374 Message: 7384

glad you found it.... re you other message about the battery

VE3WEJ
Dave Garber

10-X # 23465
echolink # 52852
irlp node 2202
email ve3wej@...
----- Original Message -----
From: woodensteel76
To: TS-850_450_690@yahoogroups.com
Sent: Friday, November 21, 2008 10:30 AM
Subject: [TS-850_450_690] Re: ts 450s tuner problem

swr is not ok. Didn't think about the carrier... Tried it with full
carrier still no movement. :(

another fella suggested looking under the battery to see if it leaked
and ate a trace out of the board. I will check this next.

Wayne
KB3RRX

--- In TS-850_450_690@yahoogroups.com, "ve3wej gmail" <ve3wej@...> wrote:
>
> is you swr ok at that spot, there may be no need to retune. also
make sure you car level is high enough to activate the tuner....
>
> some auto tuner will not work below 10 watts drive, some are auto
reduced to 10 watts drive. cant remember the 450 type
>
> VE3WEJ
> Dave Garber
>
> 10-X # 23465
> echolink # 52852
> irlp node 2202
> email ve3wej@...
> ----- Original Message -----
> From: woodensteel76
> To: TS-850_450_690@yahoogroups.com
> Sent: Thursday, November 20, 2008 3:09 PM
> Subject: [TS-850_450_690] ts 450s tuner problem
>
>

> I have just recently gotten a ts-450sat
> Everything works perfectly except the antenna tuner
> i have tried both the manual and automatic tuner modes
> lights come on rig switches to cw
> But no movement from the tuner
> the motors don't move
>
> Any ideas on what might be wrong?
>
> Wayne
> KB3RRX
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

7385. Re: [TS-850_450_690] Re: Power Plug on Back of TS450S

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-11-21 20:41:08 UTC
From: ve3wej gmail
Topic: 7346 Message: 7385

all late kenwood radios use the same power cable, have you check with the ham shops, the cable are usually around 18.00 or so + mailing. if it is the receptacle on the radio, then check kenwoodparts.com and you manual parts listing to see if they have it...

VE3WEJ
Dave Garber

10-X # 23465
echolink # 52852
irlp node 2202
email ve3wej@...
----- Original Message -----
From: Lurch
To: TS-850_450_690@yahoogroups.com
Sent: Friday, November 21, 2008 9:52 AM
Subject: [TS-850_450_690] Re: Power Plug on Back of TS450S

I believe the connector used on my TS850 for power input [and by
extension most other Kenwoods] uses the same crimp pins and connector
bodies as most 1990's Harleys...pins should be available over the
counter at any Harley dealer...

73 de ka9egw

--- In TS-850_450_690@yahoogroups.com, "k8pjm" <k8pjm@...> wrote:
>
> Hello Everyone,
> I have a TS450S that is giving me problems with the power plug on the
> back of the rig. Sometimes when I move the radio I have to pull the
> plug and reinsert the power cable into the radio.
>
> Before I get into it I was wondering if anyone has had a similar
> problem.
>
> I'm no stranger to fixing things, been in the electrical repair
> industry for 33 years. Just changed the battery in the radio since it
> started leaking.
>
> Phil
>

[Non-text portions of this message have been removed]

7386. Re: [TS-850_450_690] Computer Control of TS-850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-11-21 20:42:10 UTC
From: ve3wej gmail
Topic: 7381 Message: 7386

have one local for sale, if you are looking.....

email direct for price, and mailing costs....

VE3WEJ
Dave Garber

10-X # 23465
echolink # 52852
irlp node 2202
email ve3wej@...
----- Original Message -----
From: Kevin Nathan
To: ts-850_450_690@yahoogroups.com
Sent: Friday, November 21, 2008 1:23 PM
Subject: [TS-850_450_690] Computer Control of TS-850

Hi All,

I am new to the group and very strongly considering buying a TS-850 after using my friend's radio last weekend. Right now I have a TS-480 which for me, as a totally blind ham, is very easy to use. I can also control it with my computer and my logging program to send the radio to the frequency of DX spots in which I am interested. I understand this is also possible with the 850 using the Kenwood IF-232 interface. I also understand these are harder than hen's teeth to find. Can I use something like the LCU-3K from Hosenose.com to accomplish the same thing without problems?

thanks much in advance for your assistance and very 73.

Kevin :)
Amateur Radio: K7RX

[Non-text portions of this message have been removed]

7387. RE: [TS-850_450_690] Computer Control of TS-850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-11-21 21:20:31 UTC
From: Kevin Nathan
Topic: 7381 Message: 7387

What are you asking for it?

thanks much and very 73.

Kevin :)
Amateur Radio: K7RX

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of ve3wej gmail
Sent: Friday, November 21, 2008 12:42
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] Computer Control of TS-850

have one local for sale, if you are looking.....

email direct for price, and mailing costs....

VE3WEJ
Dave Garber

10-X # 23465
echolink # 52852
irlp node 2202
email ve3wej@... <mailto:ve3wej%40rac.ca>
----- Original Message -----
From: Kevin Nathan
To: ts-850_450_690@ <mailto:ts-850_450_690%40yahoogroups.com>
yahoogroups.com
Sent: Friday, November 21, 2008 1:23 PM
Subject: [TS-850_450_690] Computer Control of TS-850

Hi All,

I am new to the group and very strongly considering buying a TS-850 after using my friend's radio last weekend. Right now I have a TS-480 which for me, as a totally blind ham, is very easy to use. I can also control it with my computer and my logging program to send the radio to the frequency of DX spots in which I am interested. I understand this is also possible with the 850 using the Kenwood IF-232 interface. I also understand these are harder than hen's teeth to find. Can I use something like the LCU-3K from Hosenose.com to accomplish the same thing without problems?

thanks much in advance for your assistance and very 73.

Kevin :)
Amateur Radio: K7RX

[Non-text portions of this message have been removed]

No virus found in this incoming message.
Checked by AVG - http://www.avg.com
Version: 8.0.175 / Virus Database: 270.9.9/1803 - Release Date: 11/21/2008
09:37

[Non-text portions of this message have been removed]

7388. Re: [TS-850_450_690] Re: Raw/Raspy Audio

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-11-22 07:24:46 UTC
From: frank
Topic: 7372 Message: 7388

Hi Cliff

Yes it´s the TS-850

Thanks for the reply, I had a new look at VCO-1 and I did a bad job when soldering the new TC-1
trimmer cap. That fixed the problem
I also changed all the electrolytic caps on the Car and PPL boards and a number
of them was leaking or starting to leak.

Thanks for helping me out.

73/Frank

----- Original Message -----
From: Clif
To: TS-850_450_690@yahoogroups.com
Sent: Thursday, November 20, 2008 5:16 PM
Subject: [TS-850_450_690] Re: Raw/Raspy Audio

I guess you're referring to the 850.

Analyze the problem. TC-1 in LO-2 VCO(Het osc) operates the same on
all bands and is famous for that problem but you fixed it. The carrier
unit (DDS chips) operates the same on all bands. The 4 VCO's (VCO-1
thru 4) on the PLL unit are banded, IE: VCO-1 covers 30 kHz to 7.4999
mHz and is set using TC-1, 7.5 mHz to 14.4999mHz is covered by VCO-2
and is adjusted by TC2. and on for 2 more, VCO-3 and VCO-4. Each of
those is only active in their frequency range.

See where the problem is?

Clif

--- In TS-850_450_690@yahoogroups.com, "subriaus" <fravin@...> wrote:
>
> Hi
>
> I do have a problem that I quite stuck with.
> It´s raw/raspy audio. So I did the following actions:
>
> *Replaced the leaky caps on the carrier board. Total of 10 10uf and also
> the rest of the caps on that board. Some were leaking and low in value.
> * Replaced TC1 on the PPL board
> *Realigned according to the service manual 5V on tp2 and 2.3/6-8 on
> TP1
>

> Before the actions above I had raspy sigs/audio on all bands.
> After the job I have clean sigs on all bands except 1.8 and 3.5 Mhz,
> where it is very raspy.So here is were I am stuck.
> Could it be that one of the DDS IC 66312 has been damaged by the
> leaky caps ?
>
> Any inputs would be of help
>
> 73
> Frank
> KC0YQI/SM5QU
>

[Non-text portions of this message have been removed]

7389. Re: Computer Control of TS-850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-11-22 18:56:01 UTC
From: Joe
Topic: 7381 Message: 7389

I ordered 2 of this
http://www.g4zlp.co.uk/unified/KenwoodCAT.shtml
Working great.
73 Joe

--- In TS-850_450_690@yahoogroups.com, "Kevin Nathan" <k7rx@...> wrote:
>
> Hi All,
>
> I am new to the group and very strongly considering buying a TS-850
after
> using my friend's radio last weekend. Right now I have a TS-480
which for
> me, as a totally blind ham, is very easy to use. I can also control
it with
> my computer and my logging program to send the radio to the
frequency of DX
> spots in which I am interested. I understand this is also possible
with the
> 850 using the Kenwood IF-232 interface. I also understand these are
harder
> than hen's teeth to find. Can I use something like the LCU-3K from
> Hosenose.com to accomplish the same thing without problems?
>
> thanks much in advance for your assistance and very 73.
>
> Kevin :)
> Amateur Radio: K7RX
>

7390. Re: Computer Control of TS-850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-11-22 19:27:17 UTC
From: Ronald Ellwood-Thompson
Topic: 7381 Message: 7390

Hi Joe,
Can you tell me what software program you use with this interface
please.
73s
Rom (GW1HIN)

--- In TS-850_450_690@yahoogroups.com, "Joe" <oe3jtb@...> wrote:
>
> I ordered 2 of this
> http://www.g4zlp.co.uk/unified/KenwoodCAT.shtml
> Working great.
> 73 Joe
>
> --- In TS-850_450_690@yahoogroups.com, "Kevin Nathan" <k7rx@> wrote:
> >
> > Hi All,
> >
> > I am new to the group and very strongly considering buying a TS-
850
> after
> > using my friend's radio last weekend. Right now I have a TS-480
> which for
> > me, as a totally blind ham, is very easy to use. I can also
control
> it with
> > my computer and my logging program to send the radio to the
> frequency of DX
> > spots in which I am interested. I understand this is also
possible
> with the
> > 850 using the Kenwood IF-232 interface. I also understand these
are
> harder
> > than hen's teeth to find. Can I use something like the LCU-3K
from
> > Hosenose.com to accomplish the same thing without problems?
> >
> > thanks much in advance for your assistance and very 73.
> >
> > Kevin :)
> > Amateur Radio: K7RX
> >
>

7391. Re: [TS-850_450_690] Re: Computer Control of TS-850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-11-22 22:07:20 UTC
From: ve3wej gmail
Topic: 7381 Message: 7391

search the internet there are lots of programs available, as long as your computer sees the device, the program is your choice. ask yourself???what do i want the program to do???

memory management, rig control, dx spotting all have there differences. logging programs do dx spot to change the radio, but NO memory management, that i know of..

VE3WEJ
Dave Garber

10-X # 23465
echolink # 52852
irlp node 2202
email ve3wej@...
----- Original Message -----
From: Ronald Ellwood-Thompson
To: TS-850_450_690@yahoogroups.com
Sent: Saturday, November 22, 2008 2:27 PM
Subject: [TS-850_450_690] Re: Computer Control of TS-850

Hi Joe,
Can you tell me what software program you use with this interface
please.
73s
Rom (GW1HIN)

--- In TS-850_450_690@yahoogroups.com, "Joe" <oe3jtb@...> wrote:
>
> I ordered 2 of this
> http://www.g4zlp.co.uk/unified/KenwoodCAT.shtml
> Working great.
> 73 Joe
>
> --- In TS-850_450_690@yahoogroups.com, "Kevin Nathan" <k7rx@> wrote:
> >
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> >
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> > using my friend's radio last weekend. Right now I have a TS-480
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> >
> > Kevin :)
> > Amateur Radio: K7RX
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>

[Non-text portions of this message have been removed]

7392. Re: [TS-850_450_690] Re: Computer Control of TS-850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-11-22 22:15:21 UTC
From: Tom Osborne
Topic: 7381 Message: 7392

There is some software that comes with the cable. I have purchased 3 of the G4ZLP cables and they all work great. They are plug and play. You just have to set up the software you use for your radio.

I use mine with N1MM Logger, and Ham Radio Deluxe. 73
Tom W7WHY

> Hi Joe,
> Can you tell me what software program you use with this interface
> please.
> 73s
> Rom (GW1HIN)

7393. Re: Power Plug on Back of TS450S

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-11-22 21:10:05 UTC
From: n4umj
Topic: 7346 Message: 7393

I had a problem with some oversize sockets on a non-OEM 6 socket power connector with boot that I bought at a Hamfest so be aware that there are multiple sizes available that are very hard to eyeball as being different. I measured one socket being able to accept a 0.070" pin (OEM original) and the other at 0.090(Non OEM)"

The NON-OEM socket size accepting the 0.090" pin will cause some problems of course with intermittent and arcing operations with the 0.070" pins that are in the radio.

The 0.020" is pretty significant

Ed
N4UMJ

--- In TS-850_450_690@yahoogroups.com, "ve3wej gmail" <ve3wej@...> wrote:
>
> all late kenwood radios use the same power cable, have you check with the ham shops, the cable are usually around 18.00 or so + mailing. if it is the receptacle on the radio, then check kenwoodparts.com and you manual parts listing to see if they have it...
>
>
> VE3WEJ
> Dave Garber
>
> 10-X # 23465
> echolink # 52852
> irlp node 2202
> email ve3wej@...

7394. Re: Computer Control of TS-850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-11-23 14:16:13 UTC
From: Anthony W. DePrato
Topic: 7381 Message: 7394

>If you are looking for a complete set of programs logging cluster
>prop ect. then DXLAB is the program you are wanting to look at. also
>HAMRADIODELUX is another great one.. both have rig control and both
>are free and very well supported.

73 Tony

QBE ZUT DE WA4JQS

ANTHONY W. (Tony) DePrato WA4JQS EXTRA - HEAVY
Since 1962
CQ DX HALL OF FAME # 35
DXCC HONOR ROLL - 340
A1-OP FISTS # 10573 SKCC #1227 F.O.P. LODGE 68
DXCC PHONE- DXCC CW- DXCC RTTY- DXCC MIXED
DXCC 40, 20, 15, 10 METERS WAC SSB WAC CW WAC RTTY WAC SAT
South Sandwich Island Dxpedition Group
CALLS HELD:
WA4JQS/ZS1, WA4JQS/KC4, WA4JQS/4K1
ZD8JQS, V31SS, VP8BZL, VP8SSI, 3Y0PI

[Non-text portions of this message have been removed]

7395. A Couple of Questions

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-11-24 08:25:25 UTC
From: Kevin Nathan
Topic: 7395 Message: 7395

Hi All,

I located and just bought an 850 locally here in the Seattle metro area and so far I love the radio. However, I am blind and the manual I downloaded is difficult to read for me. I wonder if I might address a few questions to the group. Thanks in advance for your understanding.

1. A friend's 850 I checked out last week gave me a lot of CW feedback when I pressed buttons such as the tuner, fine, etc. Mine does not. What do I need to do to enable this feature?

2. How do I get a solid tone for tuning my outboard tuner?

3. Mine does not change sidebands automatically when I go from say 80 to 20 meters even though I have auto set on. What else do I need to do?

4. With my Heil Gold Line mic, I need to set the mic gain full open to get the ALC meter to kick to a good level. Is there anything else I can do or does anyone have a recommendation for a mic with more output that will sound as good and fit on a boom?

I think that will do for now. Thanks again and very 73 to all.

Kevin :)
Amateur Radio: K7RX

7396. SSB filter suggestion?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-11-24 14:22:41 UTC
From: Ed Thierbach
Topic: 7396 Message: 7396

Hi, everyone --

I used my new-to-me TS-850SAT in SSB Sweepstakes a week ago. It has no additional filters, just the built-in one. I was really impressed with the receiver -- no surprise there -- but also no surprise, I really (really!) needed a narrow SSB filter. After a few hours, I switched over to my IC-7000 for the remainder of the contest. Much easier on my ears, but not nearly as easy to operate when trying to be fast-paced.

What narrow SSB filter would you recommend for contest work? I'm not a "big gun" by any means (more like a pop-gun), but I want to be able to work a very crowded band with less ear and mind fatigue.

Thanks in advance, and 73!
-Ed- AB8OJ

7397. Re: [TS-850_450_690] A Couple of Questions

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-11-24 14:12:20 UTC
From: Ed Thierbach
Topic: 7395 Message: 7397

Kevin, I'm not near my manual or radio right now, but I can still help with a couple of your questions.

To get a solid tone for tuning, switch to AM mode and press the Send button. FM will also work, but puts out more power, so AM is preferred.

My Heil headset mic (HC-5 element) behaves the same as your Gold Line. I turn on compression, and set the compression knob about a quarter of the way on. You will need to adjust your compression setting to avoid sounding over-processed; I used the radio's built-in monitor function for that.

73,
-Ed- AB8OJ

On Nov 24, 2008, at 3:25 AM, Kevin Nathan wrote:

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>
> Kevin :)
> Amateur Radio: K7RX
>
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>

7398. Re: [TS-850_450_690] SSB filter suggestion?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-11-24 20:55:43 UTC
From: Mike Christiansen
Topic: 7396 Message: 7398

Hi Ed,

I have a pair of TS-850s. One has a set of INRAD 2.1 khz filters, the other has a set of INRAD 1.8 khz filters in it. A lot of it depends on how much quality you want in the audio. The 2.1 set is easier to listen too, and with the slope knob, I can narrow it down more. The 1.8 set is not as clear on the audio, but it does work the best in QRM(N), A lot of it depends on how hardcore a contester you are. I like to work contest but never keep track of the points, I just like making a lot of contacts from all over world

I hope this helps some
Mike, N4GW

On Nov 24, 2008, at 9:22 AM, Ed Thierbach wrote:

> Hi, everyone --
>
> I used my new-to-me TS-850SAT in SSB Sweepstakes a week ago. It has
> no additional filters, just the built-in one. I was really impressed
> with the receiver -- no surprise there -- but also no surprise, I
> really (really!) needed a narrow SSB filter. After a few hours, I
> switched over to my IC-7000 for the remainder of the contest. Much
> easier on my ears, but not nearly as easy to operate when trying to
> be fast-paced.
>
> What narrow SSB filter would you recommend for contest work? I'm not
> a "big gun" by any means (more like a pop-gun), but I want to be able
> to work a very crowded band with less ear and mind fatigue.
>
> Thanks in advance, and 73!
> -Ed- AB8OJ
>
>
>

[Non-text portions of this message have been removed]

7399. RE: [TS-850_450_690] A Couple of Questions

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-11-24 20:55:41 UTC
From: Kevin Nathan
Topic: 7395 Message: 7399

thanks Ed,

I appreciate that info. I'm glad to see it's not just my rig or mic.

Take care and very 73.

Kevin :)
Amateur Radio: K7RX

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of Ed Thierbach
Sent: Monday, November 24, 2008 06:12
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] A Couple of Questions

Kevin, I'm not near my manual or radio right now, but I can still
help with a couple of your questions.

To get a solid tone for tuning, switch to AM mode and press the Send
button. FM will also work, but puts out more power, so AM is preferred.

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Line. I turn on compression, and set the compression knob about a
quarter of the way on. You will need to adjust your compression
setting to avoid sounding over-processed; I used the radio's built-in
monitor function for that.

73,
-Ed- AB8OJ

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> Amateur Radio: K7RX
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>
> THANKS FOR USING TS-850_450_690@
<mailto:TS-850_450_690%40YAHOOGROUPS.COMYahoo> YAHOOGROUPS.COMYahoo! Groups
Links
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>

No virus found in this incoming message.
Checked by AVG - http://www.avg.com
Version: 8.0.175 / Virus Database: 270.9.10/1810 - Release Date: 11/24/2008
14:36

[Non-text portions of this message have been removed]

7400. TS-850 and the LP-PAN

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-11-24 21:57:09 UTC
From: Mike Christiansen
Topic: 7400 Message: 7400

Hey everyone,

I just purchased the LP-PAN to use with my TS-850, and wanted to share my experience with. I thought it might be of interest to the group

http://www.telepostinc.com/LP-PAN.html

My LP-PAN (Kenwood version) arrived Friday afternoon.
I am running a Kenwood TS-850S/AT and an Apple iMac as my computer.
I set the iMac up with Boot camp and booted up under Windows XP.
Hooked up the LP-PAN to the IF port on the back of the 850 and the EMU 0202 USB external soundcard to the LP-PAN and computer.
I downloaded and installed the PowerSDR software. Being a Kenwood, I also installed Ham Radio Deluxe instead of LP-Bridge since the LP-Bridge product is for the K3. It took about half a day and one email to Larry (LP-PAN creator) to install and configure PowerSDR. The instructions were for the K3, so I had to do some trial and error configuration work for the 850

I am very impressed with the performance of the unit. I love having two receivers now in PowerSDR, and click to tune right to a signal is very handy. The the DSP NR works great as well and the audio is very clear. The filtering is great as well. I get 192k bandwidth from the emu 0202 soundcard

It is a good feeling to have a $700 radio do most of what a FLEX radio can do. You can't beat that. My HATS off to Larry for such a fine product.

If you have any questions about my experience, let me know.

73, Mike, N4GW

7401. Re: [TS-850_450_690] SSB filter suggestion?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-11-25 02:53:55 UTC
From: ve3wej gmail
Topic: 7396 Message: 7401

kenwood has a narrow filter available, see the manual ...

yk88sn-1

VE3WEJ
Dave Garber

10-X # 23465
echolink # 52852
irlp node 2202
email ve3wej@...
----- Original Message -----
From: Ed Thierbach
To: TS-850_450_690@yahoogroups.com
Sent: Monday, November 24, 2008 9:22 AM
Subject: [TS-850_450_690] SSB filter suggestion?

Hi, everyone --

I used my new-to-me TS-850SAT in SSB Sweepstakes a week ago. It has
no additional filters, just the built-in one. I was really impressed
with the receiver -- no surprise there -- but also no surprise, I
really (really!) needed a narrow SSB filter. After a few hours, I
switched over to my IC-7000 for the remainder of the contest. Much
easier on my ears, but not nearly as easy to operate when trying to
be fast-paced.

What narrow SSB filter would you recommend for contest work? I'm not
a "big gun" by any means (more like a pop-gun), but I want to be able
to work a very crowded band with less ear and mind fatigue.

Thanks in advance, and 73!
-Ed- AB8OJ

[Non-text portions of this message have been removed]

7402. Re: [TS-850_450_690] A Couple of Questions

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-11-25 03:01:47 UTC
From: ve3wej gmail
Topic: 7395 Message: 7402

Item 1 answer: hold lsb while power up this will get into a menu
1 on
2 on
3 on

will give you audible tones/cw

item 2 answer:
i use fsk mode, or the "tune" position on the keypad

item 3:

mine does not either, it stays at whatever mode it was at....

VE3WEJ
Dave Garber

thanks Ed,

I appreciate that info. I'm glad to see it's not just my rig or mic.

Take care and very 73.

Kevin :)
Amateur Radio: K7RX

_____

From: TS-850_450_690@yahoogroups.com
[mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of Ed Thierbach
Sent: Monday, November 24, 2008 06:12
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] A Couple of Questions

Kevin, I'm not near my manual or radio right now, but I can still
help with a couple of your questions.

To get a solid tone for tuning, switch to AM mode and press the Send
button. FM will also work, but puts out more power, so AM is preferred.

My Heil headset mic (HC-5 element) behaves the same as your Gold
Line. I turn on compression, and set the compression knob about a
quarter of the way on. You will need to adjust your compression
setting to avoid sounding over-processed; I used the radio's built-in
monitor function for that.

73,
-Ed- AB8OJ

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> meters even though I have auto set on. What else do I need to do?
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> I think that will do for now. Thanks again and very 73 to all.
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> Amateur Radio: K7RX
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>
> THANKS FOR USING TS-850_450_690@
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Groups
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Checked by AVG - http://www.avg.com

Version: 8.0.175 / Virus Database: 270.9.10/1810 - Release Date:
11/24/2008
14:36

[Non-text portions of this message have been removed]

7403. RE: [TS-850_450_690] A Couple of Questions

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-11-25 08:36:58 UTC
From: Kevin Nathan
Topic: 7395 Message: 7403

Hi Dave,

I do have those menus all on and don't get the CW except for the modes. I don't have the VS-2 or DRU-2 installed although the VS-2 is coming. Could this function be dependent on either of these accessories? The radio works perfectly, I'm just curious as to why one acts different than another.

Thanks much and very 73.

Kevin :)
Amateur Radio: K7RX

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of ve3wej gmail
Sent: Monday, November 24, 2008 19:02
To: ts850 user group
Subject: Re: [TS-850_450_690] A Couple of Questions

Item 1 answer: hold lsb while power up this will get into a menu
1 on
2 on
3 on

will give you audible tones/cw

item 2 answer:
i use fsk mode, or the "tune" position on the keypad

item 3:

mine does not either, it stays at whatever mode it was at....

VE3WEJ
Dave Garber

thanks Ed,

I appreciate that info. I'm glad to see it's not just my rig or mic.

Take care and very 73.

Kevin :)
Amateur Radio: K7RX

From: TS-850_450_690@ <mailto:TS-850_450_690%40yahoogroups.com>
yahoogroups.com
[mailto:TS-850_450_690@ <mailto:TS-850_450_690%40yahoogroups.com>
yahoogroups.com]
On Behalf Of Ed Thierbach
Sent: Monday, November 24, 2008 06:12
To: TS-850_450_690@ <mailto:TS-850_450_690%40yahoogroups.com>
yahoogroups.com
Subject: Re: [TS-850_450_690] A Couple of Questions

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Version: 8.0.175 / Virus Database: 270.9.10/1810 - Release Date:
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[Non-text portions of this message have been removed]

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Version: 8.0.175 / Virus Database: 270.9.10/1810 - Release Date: 11/24/2008
14:36

[Non-text portions of this message have been removed]

7404. TS-850 CW idents for control buttons`

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-11-25 09:57:18 UTC
From: Tony Roskilly
Topic: 7404 Message: 7404

Hi All,
The way to enable the CW idents for almost all the buttons on the TS-850 is to push the Voice button while powering up the rig,
73 Tony G3ZRJ

[Non-text portions of this message have been removed]

7405. Re: [TS-850_450_690] SSB filter suggestion?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-11-25 10:22:43 UTC
From: WW3S
Topic: 7396 Message: 7405

I have a Inrad 1.8, but its hard on the ears after any length of time...in all honesty,. for SSB, learn to use the slope tuning for adjacent QRM, it works very good...unless you have money to burn, then get a narrower filter....I have 2 850s and only have the narrow ssb filter in the one rig, decided I didnt need it in the second one, and so far dont miss it...
On 11/24/2008 9:53:55 PM, ve3wej gmail (ve3wej@...) wrote:
> kenwood has a narrow filter available, see the manual ...
>
> yk88sn-1
>
>
> VE3WEJ
> Dave Garber
>
> 10-X # 23465
> echolink # 52852
> irlp node 2202
> email ve3wej@...
> ----- Original Message -----
> From: Ed Thierbach
> To: TS-850_450_690@yahoogroups.com
> Sent: Monday, November 24, 2008 9:22 AM
> Subject: [TS-850_450_690] SSB filter suggestion?
>
>
> Hi, everyone --
>
> I used my new-to-me TS-850SAT in SSB Sweepstakes a week ago. It has
> no additional filters, just the built-in one. I was really impressed
> with the receiver -- no surprise there -- but also no surprise, I
> really (really!) needed a narrow SSB filter. After a few hours, I
> switched over to my IC-7000 for the remainder of the contest. Much
> easier on my ears, but not nearly as easy to operate when trying to
> be fast-paced.
>
> What narrow SSB filter would you recommend for contest work? I'm not
> a "big gun" by any means (more like a pop-gun), but I want to be able
> to work a very crowded band with less ear and mind fatigue.
>
> Thanks in advance, and 73!
> -Ed- AB8OJ
>
>
>
>

>
> [Non-text portions of this message have

7406. Re: [TS-850_450_690] TS-850 CW idents for control buttons`

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-11-25 20:32:32 UTC
From: ve3wej gmail
Topic: 7404 Message: 7406

but again, does the vs-2 need to be installed???

VE3WEJ
Dave Garber

10-X # 23465
echolink # 52852
irlp node 2202
email ve3wej@...
----- Original Message -----
From: Tony Roskilly
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, November 25, 2008 4:57 AM
Subject: [TS-850_450_690] TS-850 CW idents for control buttons`

Hi All,
The way to enable the CW idents for almost all the buttons on the TS-850 is to push the Voice button while powering up the rig,
73 Tony G3ZRJ

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

7407. Re: [TS-850_450_690] A Couple of Questions

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-11-25 20:31:54 UTC
From: ve3wej gmail
Topic: 7395 Message: 7407

possibly, i dont recall

VE3WEJ
Dave Garber

10-X # 23465
echolink # 52852
irlp node 2202
email ve3wej@...
----- Original Message -----
From: Kevin Nathan
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, November 25, 2008 3:36 AM
Subject: RE: [TS-850_450_690] A Couple of Questions

Hi Dave,

I do have those menus all on and don't get the CW except for the modes. I don't have the VS-2 or DRU-2 installed although the VS-2 is coming. Could this function be dependent on either of these accessories? The radio works perfectly, I'm just curious as to why one acts different than another.

Thanks much and very 73.

Kevin :)
Amateur Radio: K7RX

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of ve3wej gmail
Sent: Monday, November 24, 2008 19:02
To: ts850 user group
Subject: Re: [TS-850_450_690] A Couple of Questions

Item 1 answer: hold lsb while power up this will get into a menu
1 on
2 on
3 on

will give you audible tones/cw

item 2 answer:
i use fsk mode, or the "tune" position on the keypad

item 3:

mine does not either, it stays at whatever mode it was at....

VE3WEJ
Dave Garber

thanks Ed,

I appreciate that info. I'm glad to see it's not just my rig or mic.

Take care and very 73.

Kevin :)
Amateur Radio: K7RX

From: TS-850_450_690@ <mailto:TS-850_450_690%40yahoogroups.com>
yahoogroups.com
[mailto:TS-850_450_690@ <mailto:TS-850_450_690%40yahoogroups.com>
yahoogroups.com]
On Behalf Of Ed Thierbach
Sent: Monday, November 24, 2008 06:12
To: TS-850_450_690@ <mailto:TS-850_450_690%40yahoogroups.com>
yahoogroups.com
Subject: Re: [TS-850_450_690] A Couple of Questions

Kevin, I'm not near my manual or radio right now, but I can still
help with a couple of your questions.

To get a solid tone for tuning, switch to AM mode and press the Send
button. FM will also work, but puts out more power, so AM is preferred.

My Heil headset mic (HC-5 element) behaves the same as your Gold
Line. I turn on compression, and set the compression knob about a
quarter of the way on. You will need to adjust your compression
setting to avoid sounding over-processed; I used the radio's built-in
monitor function for that.

73,
-Ed- AB8OJ

On Nov 24, 2008, at 3:25 AM, Kevin Nathan wrote:

> Hi All,
>
> I located and just bought an 850 locally here in the Seattle metro
> area and
> so far I love the radio. However, I am blind and the manual I
> downloaded is
> difficult to read for me. I wonder if I might address a few
> questions to
> the group. Thanks in advance for your understanding.
>
> 1. A friend's 850 I checked out last week gave me a lot of CW
> feedback when
> I pressed buttons such as the tuner, fine, etc. Mine does not.

> What do I
> need to do to enable this feature?
>
> 2. How do I get a solid tone for tuning my outboard tuner?
>
> 3. Mine does not change sidebands automatically when I go from say
> 80 to 20
> meters even though I have auto set on. What else do I need to do?
>
> 4. With my Heil Gold Line mic, I need to set the mic gain full
> open to get
> the ALC meter to kick to a good level. Is there anything else I
> can do or
> does anyone have a recommendation for a mic with more output that
> will sound
> as good and fit on a boom?
>
> I think that will do for now. Thanks again and very 73 to all.
>
> Kevin :)
> Amateur Radio: K7RX
>
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@
<mailto:TS-850_450_690%40YAHOOGROUPS.COMYahoo> YAHOOGROUPS.COMYahoo!
Groups
Links
>
>
>

No virus found in this incoming message.
Checked by AVG - http://www.avg. <http://www.avg.com> com
Version: 8.0.175 / Virus Database: 270.9.10/1810 - Release Date:
11/24/2008
14:36

[Non-text portions of this message have been removed]

No virus found in this incoming message.
Checked by AVG - http://www.avg.com
Version: 8.0.175 / Virus Database: 270.9.10/1810 - Release Date: 11/24/2008
14:36

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

7408. Re: [TS-850_450_690] TS-850 CW idents for control buttons`

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-11-25 21:09:09 UTC
From: Mike Christiansen
Topic: 7404 Message: 7408

I don;t have the VS-2 and I can hear my CW sidetone. I think you have
to take the top cover off and turn VR5 to turn up the volume n the
sidetone, See page 65 of the manual

Mike, N4GW

On Nov 25, 2008, at 3:32 PM, ve3wej gmail wrote:

> but again, does the vs-2 need to be installed???
>
> VE3WEJ
> Dave Garber
>
> 10-X # 23465
> echolink # 52852
> irlp node 2202
> email ve3wej@...
> ----- Original Message -----
> From: Tony Roskilly
> To: TS-850_450_690@yahoogroups.com
> Sent: Tuesday, November 25, 2008 4:57 AM
> Subject: [TS-850_450_690] TS-850 CW idents for control buttons`
>
> Hi All,
> The way to enable the CW idents for almost all the buttons on the
> TS-850 is to
> push the Voice button while powering up the rig,
> 73 Tony G3ZRJ
>
> [Non-text portions of this message have been removed]
>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

7409. Re: [TS-850_450_690] TS-850 CW idents for control buttons`

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-11-25 21:11:11 UTC
From: Mike Christiansen
Topic: 7404 Message: 7409

I had B&B Tech services do the "Gull Monte on my 850, and they move
the sidetone lever to the Monitor volume knob so you can adjust it
from the front of the rig. Here is the info on the "Full Monte"

http://www.amateur-repairs.com/FULL_MONTE_TS-850S.htm

Mike, N4GW

On Nov 25, 2008, at 3:32 PM, ve3wej gmail wrote:

> but again, does the vs-2 need to be installed???
>
> VE3WEJ
> Dave Garber
>
> 10-X # 23465
> echolink # 52852
> irlp node 2202
> email ve3wej@...
> ----- Original Message -----
> From: Tony Roskilly
> To: TS-850_450_690@yahoogroups.com
> Sent: Tuesday, November 25, 2008 4:57 AM
> Subject: [TS-850_450_690] TS-850 CW idents for control buttons`
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> Hi All,
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> push the Voice button while powering up the rig,
> 73 Tony G3ZRJ
>
> [Non-text portions of this message have been removed]
>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

7410. Re: A Couple of Questions

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-11-25 21:20:04 UTC
From: ik8vze
Topic: 7395 Message: 7410

if you install the circuit vs.-2 you can hear the voice preinstalled
frequency, vs-2 allows you to listen to the voice frequency set on
display.
otherwise the circuit dru-2 that lets you record your call SSB orally
or in cw for telegraphy as a digital audio recorder
For the microphone you use the kenwood mc-60 adapts well to this
transceiver
ik8vze ESPEDITO
--- In TS-850_450_690@yahoogroups.com, "ve3wej gmail" <ve3wej@...>
wrote:
>
> possibly, i dont recall
>
>
> VE3WEJ
> Dave Garber
>
> 10-X # 23465
> echolink # 52852
> irlp node 2202
> email ve3wej@...
> ----- Original Message -----
> From: Kevin Nathan
> To: TS-850_450_690@yahoogroups.com
> Sent: Tuesday, November 25, 2008 3:36 AM
> Subject: RE: [TS-850_450_690] A Couple of Questions
>
>
> Hi Dave,
>
> I do have those menus all on and don't get the CW except for the
modes. I
> don't have the VS-2 or DRU-2 installed although the VS-2 is
coming. Could
> this function be dependent on either of these accessories? The
radio works
> perfectly, I'm just curious as to why one acts different than
another.
>
> Thanks much and very 73.
>
>
> Kevin :)
> Amateur Radio: K7RX
>

> _____
>
> From: TS-850_450_690@yahoogroups.com [mailto:TS-
850_450_690@yahoogroups.com]
> On Behalf Of ve3wej gmail
> Sent: Monday, November 24, 2008 19:02
> To: ts850 user group
> Subject: Re: [TS-850_450_690] A Couple of Questions
>
> Item 1 answer: hold lsb while power up this will get into a menu
> 1 on
> 2 on
> 3 on
>
> will give you audible tones/cw
>
> item 2 answer:
> i use fsk mode, or the "tune" position on the keypad
>
> item 3:
>
> mine does not either, it stays at whatever mode it was at....
>
> VE3WEJ
> Dave Garber
>
> thanks Ed,
>
> I appreciate that info. I'm glad to see it's not just my rig or
mic.
>
> Take care and very 73.
>
> Kevin :)
> Amateur Radio: K7RX
>
> _____
>
> From: TS-850_450_690@ <mailto:TS-850_450_690%40yahoogroups.com>
> yahoogroups.com
> [mailto:TS-850_450_690@ <mailto:TS-850_450_690%40yahoogroups.com>
> yahoogroups.com]
> On Behalf Of Ed Thierbach
> Sent: Monday, November 24, 2008 06:12
> To: TS-850_450_690@ <mailto:TS-850_450_690%40yahoogroups.com>
> yahoogroups.com
> Subject: Re: [TS-850_450_690] A Couple of Questions
>
> Kevin, I'm not near my manual or radio right now, but I can still
> help with a couple of your questions.

>
> To get a solid tone for tuning, switch to AM mode and press the
Send
> button. FM will also work, but puts out more power, so AM is
preferred.
>
> My Heil headset mic (HC-5 element) behaves the same as your Gold
> Line. I turn on compression, and set the compression knob about a
> quarter of the way on. You will need to adjust your compression
> setting to avoid sounding over-processed; I used the radio's
built-in
> monitor function for that.
>
> 73,
> -Ed- AB8OJ
>
> On Nov 24, 2008, at 3:25 AM, Kevin Nathan wrote:
>
> > Hi All,
> >
> > I located and just bought an 850 locally here in the Seattle
metro
> > area and
> > so far I love the radio. However, I am blind and the manual I
> > downloaded is
> > difficult to read for me. I wonder if I might address a few
> > questions to
> > the group. Thanks in advance for your understanding.
> >
> > 1. A friend's 850 I checked out last week gave me a lot of CW
> > feedback when
> > I pressed buttons such as the tuner, fine, etc. Mine does not.
> > What do I
> > need to do to enable this feature?
> >
> > 2. How do I get a solid tone for tuning my outboard tuner?
> >
> > 3. Mine does not change sidebands automatically when I go from
say
> > 80 to 20
> > meters even though I have auto set on. What else do I need to
do?
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> > 4. With my Heil Gold Line mic, I need to set the mic gain full
> > open to get
> > the ALC meter to kick to a good level. Is there anything else I
> > can do or
> > does anyone have a recommendation for a mic with more output
that
> > will sound

> > as good and fit on a boom?
> >
> > I think that will do for now. Thanks again and very 73 to all.
> >
> > Kevin :)
> > Amateur Radio: K7RX
> >
> >
> >
> >
> > ------------------------------------
> >
> > THANKS FOR USING TS-850_450_690@
> <mailto:TS-850_450_690%40YAHOOGROUPS.COMYahoo>
YAHOOGROUPS.COMYahoo!
> Groups
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> >
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> No virus found in this incoming message.
> Checked by AVG - http://www.avg. <http://www.avg.com> com
> Version: 8.0.175 / Virus Database: 270.9.10/1810 - Release Date:
> 11/24/2008
> 14:36
>
> [Non-text portions of this message have been removed]
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11/24/2008
> 14:36
>
> [Non-text portions of this message have been removed]
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

7411. RE: [TS-850_450_690] SSB filter suggestion?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-11-25 19:42:19 UTC
From: Thierbach, Edward
Topic: 7396 Message: 7411

Thanks for the feedback, everyone. I do use the slope tune quite extensively -- it's the feature I missed the most from my old TS-940 -- but for my ears it doesn't provide quite enough reduction of adjacent QRM when a band's really crowded. I'm guessing that, if the INRAD 1.8 filter works for me, then it'll be worth the money. If not, then I can probably get part of that cost back by selling the filter or radio at some point.

73,
-Ed- AB8OJ

> -----Original Message-----
> I have a Inrad 1.8, but its hard on the ears after any length of
> time...in
> all honesty,. for SSB, learn to use the slope tuning for adjacent QRM,
> it
> works very good...unless you have money to burn, then get a narrower
> filter....I have 2 850s and only have the narrow ssb filter in the one
> rig,
> decided I didnt need it in the second one, and so far dont miss it...
> On 11/24/2008 9:53:55 PM, ve3wej gmail (ve3wej@...) wrote:

7412. RE: [TS-850_450_690] Re: A Couple of Questions

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-11-25 22:49:22 UTC
From: Kevin Nathan
Topic: 7395 Message: 7412

Thanks much. I actually followed Tony's instructions this morning and
things are working fine. I also have refined my mic settings and now my
Heil Gold Line seems to be working well with the radio. I have the mic gain
at about 1:00 and am getting glowing reports of audio and signal strength.

Thanks again to everyone and very 73.

Kevin :)
Amateur Radio: K7RX

_____

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of ik8vze
Sent: Tuesday, November 25, 2008 13:20
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] Re: A Couple of Questions

if you install the circuit vs.-2 you can hear the voice preinstalled
frequency, vs-2 allows you to listen to the voice frequency set on
display.
otherwise the circuit dru-2 that lets you record your call SSB orally
or in cw for telegraphy as a digital audio recorder
For the microphone you use the kenwood mc-60 adapts well to this
transceiver
ik8vze ESPEDITO
--- In TS-850_450_690@ <mailto:TS-850_450_690%40yahoogroups.com>
yahoogroups.com, "ve3wej gmail" <ve3wej@...>
wrote:
>
> possibly, i dont recall
>
>
> VE3WEJ
> Dave Garber
>
> 10-X # 23465
> echolink # 52852
> irlp node 2202
> email ve3wej@...
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> From: Kevin Nathan
> To: TS-850_450_690@ <mailto:TS-850_450_690%40yahoogroups.com>
yahoogroups.com
> Sent: Tuesday, November 25, 2008 3:36 AM
> Subject: RE: [TS-850_450_690] A Couple of Questions

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> Amateur Radio: K7RX
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> From: TS-850_450_690@ <mailto:TS-850_450_690%40yahoogroups.com>
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> will give you audible tones/cw
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> Dave Garber
>
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> Amateur Radio: K7RX
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> From: TS-850_450_690@ <mailto:TS-850_450_690%40yahoogroups.com>
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> > ------------------------------------
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> > THANKS FOR USING TS-850_450_690@
> <mailto:TS-850_450_690%40YAHOOGROUPS.COMYahoo>
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No virus found in this incoming message.
Checked by AVG - http://www.avg.com
Version: 8.0.175 / Virus Database: 270.9.10/1811 - Release Date: 11/25/2008
08:29

[Non-text portions of this message have been removed]

7413. Re: SSB filter suggestion?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-11-26 07:32:56 UTC
From: Roland Spoon
Topic: 7396 Message: 7413

Be sure to get the 1.8 of 2.1 for both IF's it will make all the
differnce in the world. I have both IF's with Inrad filters and they
beat the Kenwood filters hands down.
Roland AH6RR

--- In TS-850_450_690@...m, "Thierbach, Edward"
<ethierba@...> wrote:
>
> Thanks for the feedback, everyone. I do use the slope tune quite
extensively -- it's the feature I missed the most from my old TS-940 -
- but for my ears it doesn't provide quite enough reduction of
adjacent QRM when a band's really crowded. I'm guessing that, if the
INRAD 1.8 filter works for me, then it'll be worth the money. If
not, then I can probably get part of that cost back by selling the
filter or radio at some point.
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> 73,
> -Ed- AB8OJ
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> > -----Original Message-----
> > I have a Inrad 1.8, but its hard on the ears after any length of
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> > it
> > works very good...unless you have money to burn, then get a
narrower
> > filter....I have 2 850s and only have the narrow ssb filter in
the one
> > rig,
> > decided I didnt need it in the second one, and so far dont miss
it...
> > On 11/24/2008 9:53:55 PM, ve3wej gmail (ve3wej@...) wrote:
>

7414. Re: [TS-850_450_690] Re: SSB filter suggestion?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-11-26 14:45:57 UTC
From: Zack Widup
Topic: 7396 Message: 7414

I'm a contester and I find the 1.8 kHz filters best for contesting operation. The 2.1 is a little too wide for me.

I agree - the Inrad filters are far better.

Happy Thanksgiving (to our US list members).

73, Zack W9SZ

On Wed, 26 Nov 2008, Roland Spoon wrote:

> Be sure to get the 1.8 of 2.1 for both IF's it will make all the
> differnce in the world. I have both IF's with Inrad filters and they
> beat the Kenwood filters hands down.
> Roland AH6RR
>

7415. CAT Software for TS-850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-11-26 13:52:06 UTC
From: Ronald Ellwood-Thompson
Topic: 7415 Message: 7415

Hi,
have bought the interface cable from ZLP which plugs into the ACC socket on back of rig and from there to the computer. So far so good. What I need now is a software program that will reconise the TS-850, and enable me to run rig from computer. Have tried HRD but this always tells me my rig is switched etc. Is there a simple program I can download please.
73s.
Ron (GW1HIN)

7416. Re: [TS-850_450_690] Re: SSB filter suggestion?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-11-26 19:21:51 UTC
From: Steve Gehring
Topic: 7396 Message: 7416

I've run a pair of matched INRAD 2.1 KHz filters in both IF's, and they work FANTASTIC! In fact they're narrow enough to double as an adequate CW filter. Matched filters ROCK concerning the high and low VBT controls.

Good luck de Steve, NL7W

Roland Spoon wrote:
>
> Be sure to get the 1.8 of 2.1 for both IF's it will make all the
> differnce in the world. I have both IF's with Inrad filters and they
> beat the Kenwood filters hands down.
> Roland AH6RR
>
> --- In TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>, "Thierbach, Edward"
> <ethierba@...> wrote:
> >
> > Thanks for the feedback, everyone. I do use the slope tune quite
> extensively -- it's the feature I missed the most from my old TS-940 -
> - but for my ears it doesn't provide quite enough reduction of
> adjacent QRM when a band's really crowded. I'm guessing that, if the
> INRAD 1.8 filter works for me, then it'll be worth the money. If
> not, then I can probably get part of that cost back by selling the
> filter or radio at some point.
> >
> > 73,
> > -Ed- AB8OJ
> >
> > > -----Original Message-----
> > > I have a Inrad 1.8, but its hard on the ears after any length of
> > > time...in
> > > all honesty,. for SSB, learn to use the slope tuning for adjacent
> QRM,
> > > it
> > > works very good...unless you have money to burn, then get a
> narrower
> > > filter....I have 2 850s and only have the narrow ssb filter in
> the one
> > > rig,
> > > decided I didnt need it in the second one, and so far dont miss
> it...
> > > On 11/24/2008 9:53:55 PM, ve3wej gmail (ve3wej@...) wrote:
> >
>
>

> ---
>
>
> Internal Virus Database is out of date.
> Checked by AVG - http://www.avg.com
> Version: 8.0.175 / Virus Database: 270.9.9/1806 - Release Date: 11/22/2008 6:59 PM
>
>

7417. Re: [TS-850_450_690] CAT Software for TS-850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-11-26 19:33:30 UTC
From: CT1EEK Nuno
Topic: 7415 Message: 7417

Sorry forgot it!

This is the correct mode to Ham Radio deluxe connection!

Nuno
CT1EEK

----- Original Message -----
From: Ronald Ellwood-Thompson
To: TS-850_450_690@yahoogroups.com
Sent: Wednesday, November 26, 2008 1:52 PM
Subject: [TS-850_450_690] CAT Software for TS-850

Hi,
have bought the interface cable from ZLP which plugs into the ACC
socket on back of rig and from there to the computer. So far so good.
What I need now is a software program that will reconise the TS-850,
and enable me to run rig from computer. Have tried HRD but this always
tells me my rig is switched etc. Is there a simple program I can
download please.
73s.
Ron (GW1HIN)

[Non-text portions of this message have been removed]

7418. Re: [TS-850_450_690] CAT Software for TS-850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-11-26 19:31:22 UTC
From: CT1EEK Nuno
Topic: 7415 Message: 7418

Ron:

I work with my TS-850 very nicely with the ZLP CAT cable.

Did you connect the cable to ACC1?

Push Connect:

Choose: Kenwood
Radio-TS-850
COM: Choose right COM, VERY IMPORTANT
speed:4800
Check the flags: CTS & RTS

Done!

Any problem drop me a mail, ;-))

Nuno
CT1EEK

----- Original Message -----
From: Ronald Ellwood-Thompson
To: TS-850_450_690@yahoogroups.com
Sent: Wednesday, November 26, 2008 1:52 PM
Subject: [TS-850_450_690] CAT Software for TS-850

Hi,
have bought the interface cable from ZLP which plugs into the ACC
socket on back of rig and from there to the computer. So far so good.
What I need now is a software program that will reconise the TS-850,
and enable me to run rig from computer. Have tried HRD but this always
tells me my rig is switched etc. Is there a simple program I can
download please.
73s.
Ron (GW1HIN)

[Non-text portions of this message have been removed]

7419. Re: Computer Control of TS-850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-11-28 21:52:19 UTC
From: Joe
Topic: 7381 Message: 7419

Hi Rom
Logging program is DXLAB, digital mode MIXW
73 JOe
--- In TS-850_450_690@yahoogroups.com, "Ronald Ellwood-Thompson"
<ronelltom@...> wrote:
>
> Hi Joe,
> Can you tell me what software program you use with this interface
> please.
> 73s
> Rom (GW1HIN)
>
> --- In TS-850_450_690@yahoogroups.com, "Joe" <oe3jtb@> wrote:
> >
> > I ordered 2 of this
> > http://www.g4zlp.co.uk/unified/KenwoodCAT.shtml
> > Working great.
> > 73 Joe
> >
> > --- In TS-850_450_690@yahoogroups.com, "Kevin Nathan" <k7rx@> wrote:
> > >
> > > Hi All,
> > >
> > > I am new to the group and very strongly considering buying a TS-
> 850
> > after
> > > using my friend's radio last weekend. Right now I have a TS-480
> > which for
> > > me, as a totally blind ham, is very easy to use. I can also
> control
> > it with
> > > my computer and my logging program to send the radio to the
> > frequency of DX
> > > spots in which I am interested. I understand this is also
> possible
> > with the
> > > 850 using the Kenwood IF-232 interface. I also understand these
> are
> > harder
> > > than hen's teeth to find. Can I use something like the LCU-3K
> from
> > > Hosenose.com to accomplish the same thing without problems?
> > >
> > > thanks much in advance for your assistance and very 73.
> > >

> > > Kevin :)
> > > Amateur Radio: K7RX
> > >
> >
>

7420. Voice Keyers, Etc.

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-11-29 05:44:36 UTC
From: Kevin Nathan
Topic: 7420 Message: 7420

Hi All,

I have been contemplating getting the DRU-2 for my TS-850 but in thinking over the problem, it seems it might make a little more sense to buy some sort of outboard device so I could use voice files from my computer. I was looking today at the Rigblaster Plus from West Mountain Radio. Can any of you provide feedback on which type of similar device you have found works best on the 850?

thanks much and very 73.

Kevin :)
Amateur Radio: K7RX

7421. Re: [TS-850_450_690] Voice Keyers, Etc.

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-11-29 17:00:04 UTC
From: Brian K. Gaskamp
Topic: 7420 Message: 7421

I will be interested in seeing what everybody else uses also.
For the 1st time in abt 7 years I'm going to do the ARRL 10m contest and will use my 850 and my MFJ-434 voice keyer and will let you know how it does on my end.

73,
Brian
----- Original Message -----
From: Kevin Nathan
To: TS-850_450_690@yahoogroups.com
Sent: Friday, November 28, 2008 11:44 PM
Subject: [TS-850_450_690] Voice Keyers, Etc.

Hi All,

I have been contemplating getting the DRU-2 for my TS-850 but in thinking over the problem, it seems it might make a little more sense to buy some sort of outboard device so I could use voice files from my computer. I was looking today at the Rigblaster Plus from West Mountain Radio. Can any of you provide feedback on which type of similar device you have found works best on the 850?

thanks much and very 73.

Kevin :)
Amateur Radio: K7RX

[Non-text portions of this message have been removed]

7422. Re: [TS-850_450_690] Voice Keyers, Etc.

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-11-29 17:35:00 UTC
From: Tom Osborne
Topic: 7420 Message: 7422

Hi Kevin

I don't use an outboard voice box here, but have found that N1MM Logger has a great setup for doing voice files. You can plug the mike into the soundcard and the output of the sound card into the radio and do voice files that way. I do this on my TS-450SAT.

I use Audacity here to record the files, but if you are running N1MM Logger, you can just 'record on the fly' by pushing <sh/ctrl/F-key> and re-record the messages. Pretty handy. 73
Tom W7WHY

> Hi All,
>
> I have been contemplating getting the DRU-2 for my TS-850 but in thinking
> over the problem, it seems it might make a little more sense to buy some
> sort of outboard device so I could use voice files from my computer. I
> was
> looking today at the Rigblaster Plus from West Mountain Radio. Can any of
> you provide feedback on which type of similar device you have found works
> best on the 850?
>
> thanks much and very 73.
>
> Kevin :)
> Amateur Radio: K7RX

7423. Re: [TS-850_450_690] Voice Keyers, Etc.

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-11-29 18:08:53 UTC
From: ve3wej gmail
Topic: 7420 Message: 7423

I have the dru2, and used it once. it will only hold 3 cw or ssb messages, whereas the sound card voice keyers are only limmited on how many sound bits you created , and the hard drive space to put them.. changing for each contest, save them in individual sub folders, and you can call them up as needed.....

it IS nice the complete the rig with options, BUT sometimes its only to know you did, and not for practicallity

VE3WEJ
Dave Garber

10-X # 23465
echolink # 52852
irlp node 2202
email ve3wej@...
----- Original Message -----
From: Kevin Nathan
To: TS-850_450_690@yahoogroups.com
Sent: Saturday, November 29, 2008 12:44 AM
Subject: [TS-850_450_690] Voice Keyers, Etc.

Hi All,

I have been contemplating getting the DRU-2 for my TS-850 but in thinking over the problem, it seems it might make a little more sense to buy some sort of outboard device so I could use voice files from my computer. I was looking today at the Rigblaster Plus from West Mountain Radio. Can any of you provide feedback on which type of similar device you have found works best on the 850?

thanks much and very 73.

Kevin :)
Amateur Radio: K7RX

7424. Inrad filter wanted

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-11-29 18:25:15 UTC
From: Steve Foster
Topic: 7424 Message: 7424

Hello,
I am looking for an Inrad 2.1 455 filter number 96. If anyone has one they want to part with, please let me know.
Thanks
Steve WB5OMP

7425. accessory calibration cable, what is it?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-11-29 18:23:41 UTC
From: Steve Foster
Topic: 7425 Message: 7425

Hi, what is the accessory calibration cable? Can I substitute a cable with alligator clips on both ends? This is for the display calibration.
Thanks
Steve WB5OMP

7426. INRAD Filters For Trade

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-11-29 19:11:26 UTC
From: Crownhaven
Topic: 7426 Message: 7426

I have a 400 Hz INRAD filter as well as a 250 Hz INRAD for the TS-850S. The 400 is the #104. I wouldn't mind trading the 250 for the other 400 I need. Or maybe both for SSB filters. I also have several Kenwood 500 Hz filters as well as SSB filters that I could trade too.

Steve, N4JQQ

7427. Re: [TS-850_450_690] Voice Keyers, Etc.

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-11-29 19:57:38 UTC
From: Mike Christiansen
Topic: 7420 Message: 7427

Kevin,

If you decide to go with the DRU, here is an off brand version you might want to consider. They give you more seconds to record your message on than the original dru

http://www.piexx.com/index.php?main_page=product_info&cPath=7&products_id=61

Mike, N4GW

On Nov 29, 2008, at 12:44 AM, Kevin Nathan wrote:

> Hi All,
>
> I have been contemplating getting the DRU-2 for my TS-850 but in
> thinking
> over the problem, it seems it might make a little more sense to buy
> some
> sort of outboard device so I could use voice files from my computer.
> I was
> looking today at the Rigblaster Plus from West Mountain Radio. Can
> any of
> you provide feedback on which type of similar device you have found
> works
> best on the 850?
>
> thanks much and very 73.
>
> Kevin :)
> Amateur Radio: K7RX
>
>
>

[Non-text portions of this message have been removed]

7428. bhi dsp

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-11-29 22:49:02 UTC
From: Steve Foster
Topic: 7428 Message: 7428

Anyone installed a BHI DSP in their 650? Thanks
Steve WB5OMP

7429. Re: [TS-850_450_690] bhi dsp

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-11-29 23:19:28 UTC
From: ve3wej gmail
Topic: 7428 Message: 7429

what is a bhi, and what is a 650

VE3WEJ
Dave Garber

10-X # 23465
echolink # 52852
irlp node 2202
email ve3wej@...
----- Original Message -----
From: Steve Foster
To: TS-850_450_690@yahoogroups.com
Sent: Saturday, November 29, 2008 5:49 PM
Subject: [TS-850_450_690] bhi dsp

Anyone installed a BHI DSP in their 650? Thanks
Steve WB5OMP

[Non-text portions of this message have been removed]

7430. Re: [TS-850_450_690] bhi dsp

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-11-30 00:24:45 UTC
From: Mike Christiansen
Topic: 7428 Message: 7430

BHI is a DSP NR unit. I had one installed in my Icom 706MkIIG and it worked really well.

Mike, N4GW

On Nov 29, 2008, at 6:19 PM, ve3wej gmail wrote:

> what is a bhi, and what is a 650
>
> VE3WEJ
> Dave Garber
>
> 10-X # 23465
> echolink # 52852
> irlp node 2202
> email ve3wej@...
> ----- Original Message -----
> From: Steve Foster
> To: TS-850_450_690@yahoogroups.com
> Sent: Saturday, November 29, 2008 5:49 PM
> Subject: [TS-850_450_690] bhi dsp
>
> Anyone installed a BHI DSP in their 650? Thanks
> Steve WB5OMP
>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

7431. Re: [TS-850_450_690] bhi dsp

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-11-30 06:00:18 UTC
From: ve3wej gmail
Topic: 7428 Message: 7431

went to there website, and found more info , thanks
still doesn t tell me what a 650 is hi hi

VE3WEJ
Dave Garber

10-X # 23465
echolink # 52852
irlp node 2202
email ve3wej@...
----- Original Message -----
From: Mike Christiansen
To: TS-850_450_690@yahoogroups.com
Sent: Saturday, November 29, 2008 7:24 PM
Subject: Re: [TS-850_450_690] bhi dsp

BHI is a DSP NR unit. I had one installed in my Icom 706MkIIG and it
worked really well.

Mike, N4GW

On Nov 29, 2008, at 6:19 PM, ve3wej gmail wrote:

> what is a bhi, and what is a 650
>
> VE3WEJ
> Dave Garber
>
> 10-X # 23465
> echolink # 52852
> irlp node 2202
> email ve3wej@...
> ----- Original Message -----
> From: Steve Foster
> To: TS-850_450_690@yahoogroups.com
> Sent: Saturday, November 29, 2008 5:49 PM
> Subject: [TS-850_450_690] bhi dsp
>
> Anyone installed a BHI DSP in their 650? Thanks
> Steve WB5OMP
>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

7432. OK, I goofed

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-11-30 16:08:00 UTC
From: Steve Foster
Topic: 7432 Message: 7432

The "650" should have been "850" . Now, does anyone have any
experience with putting a BHI DSP in an 850?
Steve

7433. Re: [TS-850_450_690] Voice Keyers, Etc.

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-11-30 11:19:13 UTC
From: CT1EEK Nuno
Topic: 7420 Message: 7433

Kevin,

Can you please tell me the right connections, radioPC & PC to radio?

I'm using here Heil Proset HC5 microphone.

Did you used a audio transformer line?

Thanks

Nuno/CT1EEK

----- Original Message -----
From: Tom Osborne
To: TS-850_450_690@yahoogroups.com
Sent: Saturday, November 29, 2008 5:35 PM
Subject: Re: [TS-850_450_690] Voice Keyers, Etc.

Hi Kevin

I don't use an outboard voice box here, but have found that N1MM Logger has
a great setup for doing voice files. You can plug the mike into the
soundcard and the output of the sound card into the radio and do voice files
that way. I do this on my TS-450SAT.

I use Audacity here to record the files, but if you are running N1MM Logger,
you can just 'record on the fly' by pushing <sh/ctrl/F-key> and re-record
the messages. Pretty handy. 73
Tom W7WHY

> Hi All,
>
> I have been contemplating getting the DRU-2 for my TS-850 but in thinking
> over the problem, it seems it might make a little more sense to buy some
> sort of outboard device so I could use voice files from my computer. I
> was
> looking today at the Rigblaster Plus from West Mountain Radio. Can any of
> you provide feedback on which type of similar device you have found works
> best on the 850?
>
> thanks much and very 73.
>
> Kevin :)
> Amateur Radio: K7RX

[Non-text portions of this message have been removed]

7434. RE: [TS-850_450_690] Voice Keyers, Etc.

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-11-30 06:12:46 UTC
From: Kevin Nathan
Topic: 7420 Message: 7434

Hi tom,

N1MM doesn't work well for me. I am blind, use a screen reader and it is
not easy to use with this type of setup. thanks for the info though and
very 73.

Kevin :)
Amateur Radio: K7RX

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of Tom Osborne
Sent: Saturday, November 29, 2008 09:35
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] Voice Keyers, Etc.

Hi Kevin

I don't use an outboard voice box here, but have found that N1MM Logger has
a great setup for doing voice files. You can plug the mike into the
soundcard and the output of the sound card into the radio and do voice files

that way. I do this on my TS-450SAT.

I use Audacity here to record the files, but if you are running N1MM Logger,

you can just 'record on the fly' by pushing <sh/ctrl/F-key> and re-record
the messages. Pretty handy. 73
Tom W7WHY

> Hi All,
>
> I have been contemplating getting the DRU-2 for my TS-850 but in thinking
> over the problem, it seems it might make a little more sense to buy some
> sort of outboard device so I could use voice files from my computer. I
> was
> looking today at the Rigblaster Plus from West Mountain Radio. Can any of
> you provide feedback on which type of similar device you have found works
> best on the 850?
>
> thanks much and very 73.
>
> Kevin :)
> Amateur Radio: K7RX

No virus found in this incoming message.
Checked by AVG - http://www.avg.com

Version: 8.0.176 / Virus Database: 270.9.11/1820 - Release Date: 11/29/2008 18:52

[Non-text portions of this message have been removed]

7435. RE: [TS-850_450_690] Voice Keyers, Etc.

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-11-30 06:11:55 UTC
From: Kevin Nathan
Topic: 7420 Message: 7435

Hi Mike,

Thanks for that and to Tom as well for his suggestion. I truly want a little more separation than just a quick lash up. I like the isolation offered by some of the fancier commercial units such as the Signal Link or Rigblasters. But, I will also look at this after market DRU. I already have their VS-2 coming.

Again, thanks much and very 73.

Kevin :)
Amateur Radio: K7RX

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com] On Behalf Of Mike Christiansen
Sent: Saturday, November 29, 2008 11:58
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] Voice Keyers, Etc.

Kevin,

If you decide to go with the DRU, here is an off brand version you might want to consider. They give you more seconds to record your message on than the original dru

http://www.piexx.
<http://www.piexx.com/index.php?main_page=product_info&cPath=7&products_id=61> com/index.php?main_page=product_info&cPath=7&products_id=61

Mike, N4GW

On Nov 29, 2008, at 12:44 AM, Kevin Nathan wrote:

> Hi All,
>
> I have been contemplating getting the DRU-2 for my TS-850 but in
> thinking
> over the problem, it seems it might make a little more sense to buy
> some
> sort of outboard device so I could use voice files from my computer.
> I was
> looking today at the Rigblaster Plus from West Mountain Radio. Can
> any of
> you provide feedback on which type of similar device you have found
> works
> best on the 850?

>
> thanks much and very 73.
>
> Kevin :)
> Amateur Radio: K7RX
>
>
>

[Non-text portions of this message have been removed]

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Checked by AVG - http://www.avg.com
Version: 8.0.176 / Virus Database: 270.9.11/1820 - Release Date: 11/29/2008
18:52

[Non-text portions of this message have been removed]

7436. RE: [TS-850_450_690] Voice Keyers, Etc.

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-11-30 18:22:33 UTC
From: Kevin Nathan
Topic: 7420 Message: 7436

I don't actually have anything connected yet. I am just using my Heil Gold Line with the standard Heil cable. Sorry I can't be more help.

Very 73.;

Kevin :)
Amateur Radio: K7RX

_____

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com] On Behalf Of CT1EEK Nuno
Sent: Sunday, November 30, 2008 03:19
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] Voice Keyers, Etc.

Kevin,

Can you please tell me the right connections, radioPC & PC to radio?

I'm using here Heil Proset HC5 microphone.

Did you used a audio transformer line?

Thanks

Nuno/CT1EEK

----- Original Message -----
From: Tom Osborne
To: TS-850_450_690@ <mailto:TS-850_450_690%40yahoogroups.com> yahoogroups.com
Sent: Saturday, November 29, 2008 5:35 PM
Subject: Re: [TS-850_450_690] Voice Keyers, Etc.

Hi Kevin

I don't use an outboard voice box here, but have found that N1MM Logger has a great setup for doing voice files. You can plug the mike into the soundcard and the output of the sound card into the radio and do voice files

that way. I do this on my TS-450SAT.

I use Audacity here to record the files, but if you are running N1MM Logger,

you can just 'record on the fly' by pushing <sh/ctrl/F-key> and re-record the messages. Pretty handy. 73
Tom W7WHY

> Hi All,
>
> I have been contemplating getting the DRU-2 for my TS-850 but in thinking
> over the problem, it seems it might make a little more sense to buy some
> sort of outboard device so I could use voice files from my computer. I
> was
> looking today at the Rigblaster Plus from West Mountain Radio. Can any of
> you provide feedback on which type of similar device you have found works
> best on the 850?
>
> thanks much and very 73.
>
> Kevin :)
> Amateur Radio: K7RX

[Non-text portions of this message have been removed]

No virus found in this incoming message.
Checked by AVG - http://www.avg.com
Version: 8.0.176 / Virus Database: 270.9.11/1820 - Release Date: 11/29/2008
18:52

[Non-text portions of this message have been removed]

7437. Re: OK, I goofed

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-11-30 20:10:44 UTC
From: MM3XXW
Topic: 7432 Message: 7437

--- In TS-850_450_690@yahoogroups.com, "Steve Foster" <shfoster@...>
wrote:
>
> The "650" should have been "850" . Now, does anyone have any
> experience with putting a BHI DSP in an 850?
> Steve
>
I'm assuming you mean the internal unit Steve, I have the external bhi
'ANEM' connected to my 850 and my name would be "Pinnochio" if I said
it didn't make any difference!
It's like chalk & cheese.

I love my 850 but the addition of the bhi unit has made the difference
between making the contact or not, especially on the higher bands.

Whether it's internal or external if you've the opportunity get it and
install it and ..... well you'll tell us!

Martyn
MM3XXW

7438. [TS-850_450_690] bhi ANEM DSP Unit [was: OK, I goofed]

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-11-30 20:57:49 UTC
From: John Kuklewicz N7ZN
Topic: 7432 Message: 7438

Can anyone comment on how well this device works with CW?

Specifically, sidetone delay.

I have a Timewave DSP-9+ and it has to have a PTT signal to take
the filtering out of circuit when transmitting to avoid an objectionable
amount of signal delay.

Similarly, I have a CLRdsp module that makes the CW sound 'odd'
and has enough delay to be noticeable. So long as I stay under
20wpm I can get by, but at 25wpm or above, the delay really
messes me up.

Does this device introduce a noticeable signal delay to the CW
sidetone?

Thank you and vy 73;

John N7ZN

MM3XXW wrote:
> --- In TS-850_450_690@yahoogroups.com, "Steve Foster" <shfoster@...>
> wrote:
>> The "650" should have been "850" . Now, does anyone have any
>> experience with putting a BHI DSP in an 850?
>> Steve
>>
> I'm assuming you mean the internal unit Steve, I have the external bhi
> 'ANEM' connected to my 850 and my name would be "Pinnochio" if I said
> it didn't make any difference!
> It's like chalk & cheese.
>
> I love my 850 but the addition of the bhi unit has made the difference
> between making the contact or not, especially on the higher bands.
>
> Whether it's internal or external if you've the opportunity get it and
> install it and ..... well you'll tell us!
>
> Martyn
> MM3XXW
>
>
>

7439. Re: [TS-850_450_690] Voice Keyers, Etc.

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-11-30 21:00:00 UTC
From: ve3wej gmail
Topic: 7420 Message: 7439

unless i missed it, no matter what software you chose, I saw no mention that
you will need a sound card interface before any of this can be done, then
the voice keying is done via the sound card through using the software of
your choice..

then you can use you mike or headset to record audio into your computer.
the voice programs are to retrieve the 'clips' to send to the radio. your
regular voice contacts are made as before, using the mike to the radio plug.

VE3WEJ
Dave Garber

10-X # 23465
echolink # 52852
irlp node 2202
email ve3wej@...
----- Original Message -----
From: Kevin Nathan
To: TS-850_450_690@yahoogroups.com
Sent: Sunday, November 30, 2008 1:12 AM
Subject: RE: [TS-850_450_690] Voice Keyers, Etc.

Hi tom,

N1MM doesn't work well for me. I am blind, use a screen reader and it is
not easy to use with this type of setup. thanks for the info though and
very 73.

Kevin :)
Amateur Radio: K7RX

From: TS-850_450_690@yahoogroups.com
[mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of Tom Osborne
Sent: Saturday, November 29, 2008 09:35
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] Voice Keyers, Etc.

Hi Kevin

I don't use an outboard voice box here, but have found that N1MM Logger
has
a great setup for doing voice files. You can plug the mike into the
soundcard and the output of the sound card into the radio and do voice
files

that way. I do this on my TS-450SAT.

I use Audacity here to record the files, but if you are running N1MM
Logger,

you can just 'record on the fly' by pushing <sh/ctrl/F-key> and re-record
the messages. Pretty handy. 73
Tom W7WHY

> Hi All,
>
> I have been contemplating getting the DRU-2 for my TS-850 but in
thinking
> over the problem, it seems it might make a little more sense to buy some
> sort of outboard device so I could use voice files from my computer. I
> was
> looking today at the Rigblaster Plus from West Mountain Radio. Can any
of
> you provide feedback on which type of similar device you have found
works
> best on the 850?
>
> thanks much and very 73.
>
> Kevin :)
> Amateur Radio: K7RX

No virus found in this incoming message.
Checked by AVG - http://www.avg.com
Version: 8.0.176 / Virus Database: 270.9.11/1820 - Release Date:
11/29/2008
18:52

[Non-text portions of this message have been removed]

7440. Re: accessory calibration cable, what is it?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-11-30 20:57:04 UTC
From: kdrosenlund
Topic: 7425 Message: 7440

Hi Steve,

You could also try the quick calibration with this method,
after the radio has warmed up a while...

http://n6tr.jzap.com/850repair.html#Quick_Dial_Calibration

73s,
Kit
http://members.dslextreme.com/users/kdrosenlund/

--- In TS-850_450_690@yahoogroups.com, "Steve Foster" <shfoster@...> wrote:
>
> Hi, what is the accessory calibration cable? Can I substitute a cable
> with alligator clips on both ends? This is for the display calibration.
> Thanks
> Steve WB5OMP
>

7441. Kenwood DSP 100 for a 450s

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-12-01 01:38:09 UTC
From: fred701
Topic: 7441 Message: 7441

Does anyone have a dsp 100 for sale?

7443. Re: [TS-850_450_690] TS 870 KNOB

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-12-01 20:37:34 UTC
From: ve3wej gmail
Topic: 7428 Message: 7443

yes, set screw (i beleive its under the rubber) could be loose...
VE3WEJ
Dave Garber

10-X # 23465
echolink # 52852
irlp node 2202
email ve3wej@...
----- Original Message -----
From: Anthony W. DePrato
To: TS-850_450_690@yahoogroups.com
Sent: Monday, December 01, 2008 9:56 AM
Subject: Re: [TS-850_450_690] TS 870 KNOB

>I bought a TS 870 about 2 yrs after they came out.. have been using
>it for cw work.. now find that over the years it has a problem that
>is getting worse. the tuning knob rotates but the freq does not
>change sometimes. for fine tuning of a cw signal. and play had shown
>up if i move the knob up and down. there is a small click i can feel
>when i lift up on the knob and them the freq will change for a while
>then it goes back to not changing when you are trying to do fine
>tuning. before i start taking the face plate off is there a
>setscrew that could have worked lose ? anyone else have this problem

Wishing everyone a HAPPY and JOYFUL CHRISTMAS
73 Tony

QBE ZUT DE WA4JQS

ANTHONY W. (Tony) DePrato WA4JQS EXTRA - HEAVY
Since 1962
CQ DX HALL OF FAME # 35
DXCC HONOR ROLL - 340
A1-OP FISTS # 10573 SKCC #1227 F.O.P. LODGE 68
DXCC PHONE- DXCC CW- DXCC RTTY- DXCC MIXED
DXCC 40, 20, 15, 10 METERS WAC SSB WAC CW WAC RTTY WAC SAT
South Sandwich Island Dxpedition Group
CALLS HELD:
WA4JQS/ZS1, WA4JQS/KC4, WA4JQS/4K1
ZD8JQS, V31SS, VP8BZL, VP8SSI, 3Y0PI

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

7444. One More Question for You Experts

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-12-02 06:05:37 UTC
From: Kevin Nathan
Topic: 7444 Message: 7444

Hi All,

I would like to find a source for low level receive audio out for recording from my 850. By any chance at all, do any of the RCA type DSP plugs on the top of the back of the radio offer audio out?

thanks much and very 73.

Kevin :)
Amateur Radio: K7RX

7445. Constantly adjust MIC gain to keep ALC steady

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-12-02 18:24:23 UTC
From: kb3pnc
Topic: 7445 Message: 7445

Greetings! I purchased TS-850SAT a few weeks ago on ebay...you all may have seen it, it was the one listed that had the sharpie marker ink stain on the top cover.

Anyway, after a little TLC the radio looks almost brand new. I've been on the air with it quite a bit lately, and have noticed 2 things that need to be sorted out.

First of all, at full drive the power output runs up to almost 150 watts, with no ALC deflection. If I turn the drive down to about 50%, power output is normal and the ALC works again. So it seems someone must have used their golden screw driver! I can easily readjust that back down to 100W.

Second, I've noticed I must constantly mess with the mic gain to keep my ALC in check. Sometimes there will be no ALC meter deflection until I turn up the mic gain to get it back into the "zone"...then eventually the ALC will become fully deflected requiring me to turn the mic gain back down again.

Is it safe to assume this is probably caused by DC-DC board needing to be modified?

7446. Re: [TS-850_450_690] One More Question for You Experts

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-12-02 21:44:05 UTC
From: ve3wej gmail
Topic: 7444 Message: 7446

acc 13 pin jack is fixed audio.... pin 11 or is it pin 3
it is in the manual

VE3WEJ
Dave Garber

10-X # 23465
echolink # 52852
irlp node 2202
email ve3wej@...
----- Original Message -----
From: Kevin Nathan
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, December 02, 2008 1:05 AM
Subject: [TS-850_450_690] One More Question for You Experts

Hi All,

I would like to find a source for low level receive audio out for recording
from my 850. By any chance at all, do any of the RCA type DSP plugs on the
top of the back of the radio offer audio out?

thanks much and very 73.

Kevin :)
Amateur Radio: K7RX

[Non-text portions of this message have been removed]

7447. RE: [TS-850_450_690] One More Question for You Experts

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-12-03 03:15:01 UTC
From: Kevin Nathan
Topic: 7444 Message: 7447

Hi Dave,

Yes, I know that's there but that jack will be taken up with the signal Link USB I just bought. I was hoping fixed audio might be available somewhere else.

thanks though and very 73.

Kevin :)
Amateur Radio: K7RX

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com] On Behalf Of ve3wej gmail
Sent: Tuesday, December 02, 2008 13:44
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] One More Question for You Experts

acc 13 pin jack is fixed audio.... pin 11 or is it pin 3
it is in the manual

VE3WEJ
Dave Garber

10-X # 23465
echolink # 52852
irlp node 2202
email ve3wej@... <mailto:ve3wej%40rac.ca>
----- Original Message -----
From: Kevin Nathan
To: TS-850_450_690@ <mailto:TS-850_450_690%40yahoogroups.com>
yahoogroups.com
Sent: Tuesday, December 02, 2008 1:05 AM
Subject: [TS-850_450_690] One More Question for You Experts

Hi All,

I would like to find a source for low level receive audio out for recording from my 850. By any chance at all, do any of the RCA type DSP plugs on the top of the back of the radio offer audio out?

thanks much and very 73.

Kevin :)
Amateur Radio: K7RX

[Non-text portions of this message have been removed]

No virus found in this incoming message.
Checked by AVG - http://www.avg.com
Version: 8.0.176 / Virus Database: 270.9.12/1824 - Release Date: 12/2/2008
09:31

[Non-text portions of this message have been removed]

7448. Re: [TS-850_450_690] One More Question for You Experts

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-12-04 03:03:09 UTC
From: ve3wej gmail
Topic: 7444 Message: 7448

I tapped it (y adapter) to get audio also to my KAM for rtty use

VE3WEJ
Dave Garber

10-X # 23465
echolink # 52852
irlp node 2202
email ve3wej@...
----- Original Message -----
From: Kevin Nathan
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, December 02, 2008 10:15 PM
Subject: RE: [TS-850_450_690] One More Question for You Experts

Hi Dave,

Yes, I know that's there but that jack will be taken up with the signal Link USB I just bought. I was hoping fixed audio might be available somewhere else.

thanks though and very 73.

Kevin :)
Amateur Radio: K7RX

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com] On Behalf Of ve3wej gmail
Sent: Tuesday, December 02, 2008 13:44
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] One More Question for You Experts

acc 13 pin jack is fixed audio.... pin 11 or is it pin 3
it is in the manual

VE3WEJ
Dave Garber

10-X # 23465
echolink # 52852
irlp node 2202
email ve3wej@... <mailto:ve3wej%40rac.ca>
----- Original Message -----
From: Kevin Nathan
To: TS-850_450_690@ <mailto:TS-850_450_690%40yahoogroups.com> yahoogroups.com

Sent: Tuesday, December 02, 2008 1:05 AM
Subject: [TS-850_450_690] One More Question for You Experts

Hi All,

I would like to find a source for low level receive audio out for recording from my 850. By any chance at all, do any of the RCA type DSP plugs on the top of the back of the radio offer audio out?

thanks much and very 73.

Kevin :)
Amateur Radio: K7RX

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Version: 8.0.176 / Virus Database: 270.9.12/1824 - Release Date: 12/2/2008 09:31

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

7449. RE: [TS-850_450_690] One More Question for You Experts

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-12-04 04:47:34 UTC
From: Kevin Nathan
Topic: 7444 Message: 7449

Are you talking about the 13 pin accessory jack?

thanks much.

Kevin :)
Amateur Radio: K7RX

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of ve3wej gmail
Sent: Wednesday, December 03, 2008 19:03
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] One More Question for You Experts

I tapped it (y adapter) to get audio also to my KAM for rtty use

VE3WEJ
Dave Garber

10-X # 23465
echolink # 52852
irlp node 2202
email ve3wej@... <mailto:ve3wej%40rac.ca>
----- Original Message -----
From: Kevin Nathan
To: TS-850_450_690@ <mailto:TS-850_450_690%40yahoogroups.com>
yahoogroups.com
Sent: Tuesday, December 02, 2008 10:15 PM
Subject: RE: [TS-850_450_690] One More Question for You Experts

Hi Dave,

Yes, I know that's there but that jack will be taken up with the signal Link
USB I just bought. I was hoping fixed audio might be available somewhere
else.

thanks though and very 73.

Kevin :)
Amateur Radio: K7RX

From: TS-850_450_690@ <mailto:TS-850_450_690%40yahoogroups.com>
yahoogroups.com [mailto:TS-850_450_690@
<mailto:TS-850_450_690%40yahoogroups.com> yahoogroups.com]
On Behalf Of ve3wej gmail

Sent: Tuesday, December 02, 2008 13:44
To: TS-850_450_690@ <mailto:TS-850_450_690%40yahoogroups.com>
yahoogroups.com
Subject: Re: [TS-850_450_690] One More Question for You Experts

acc 13 pin jack is fixed audio.... pin 11 or is it pin 3
it is in the manual

VE3WEJ
Dave Garber

10-X # 23465
echolink # 52852
irlp node 2202
email ve3wej@... <mailto:ve3wej%40rac.ca> <mailto:ve3wej%40rac.ca>
----- Original Message -----
From: Kevin Nathan
To: TS-850_450_690@ <mailto:TS-850_450_690%40yahoogroups.com>
yahoogroups.com
Sent: Tuesday, December 02, 2008 1:05 AM
Subject: [TS-850_450_690] One More Question for You Experts

Hi All,

I would like to find a source for low level receive audio out for recording
from my 850. By any chance at all, do any of the RCA type DSP plugs on the
top of the back of the radio offer audio out?

thanks much and very 73.

Kevin :)
Amateur Radio: K7RX

[Non-text portions of this message have been removed]

No virus found in this incoming message.
Checked by AVG - http://www.avg. <http://www.avg.com> com
Version: 8.0.176 / Virus Database: 270.9.12/1824 - Release Date: 12/2/2008
09:31

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

No virus found in this incoming message.
Checked by AVG - http://www.avg.com
Version: 8.0.176 / Virus Database: 270.9.13/1826 - Release Date: 12/3/2008
09:34

[Non-text portions of this message have been removed]

7450. Re: [TS-850_450_690] One More Question for You Experts

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-12-04 20:13:24 UTC
From: ve3wej gmail
Topic: 7444 Message: 7450

yes

VE3WEJ
Dave Garber

10-X # 23465
echolink # 52852
irlp node 2202
email ve3wej@...
----- Original Message -----
From: Kevin Nathan
To: TS-850_450_690@yahoogroups.com
Sent: Wednesday, December 03, 2008 11:47 PM
Subject: RE: [TS-850_450_690] One More Question for You Experts

Are you talking about the 13 pin accessory jack?

thanks much.

Kevin :)
Amateur Radio: K7RX

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of ve3wej gmail
Sent: Wednesday, December 03, 2008 19:03
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] One More Question for You Experts

I tapped it (y adapter) to get audio also to my KAM for rtty use

VE3WEJ
Dave Garber

10-X # 23465
echolink # 52852
irlp node 2202
email ve3wej@... <mailto:ve3wej%40rac.ca>
----- Original Message -----
From: Kevin Nathan
To: TS-850_450_690@ <mailto:TS-850_450_690%40yahoogroups.com>
yahoogroups.com
Sent: Tuesday, December 02, 2008 10:15 PM
Subject: RE: [TS-850_450_690] One More Question for You Experts

Hi Dave,

Yes, I know that's there but that jack will be taken up with the signal Link USB I just bought. I was hoping fixed audio might be available somewhere else.

thanks though and very 73.

Kevin :)
Amateur Radio: K7RX

From: TS-850_450_690@ <mailto:TS-850_450_690%40yahoogroups.com> yahoogroups.com [mailto:TS-850_450_690@ <mailto:TS-850_450_690%40yahoogroups.com> yahoogroups.com] On Behalf Of ve3wej gmail
Sent: Tuesday, December 02, 2008 13:44
To: TS-850_450_690@ <mailto:TS-850_450_690%40yahoogroups.com> yahoogroups.com
Subject: Re: [TS-850_450_690] One More Question for You Experts

acc 13 pin jack is fixed audio.... pin 11 or is it pin 3
it is in the manual

VE3WEJ
Dave Garber

10-X # 23465
echolink # 52852
irlp node 2202
email ve3wej@... <mailto:ve3wej%40rac.ca> <mailto:ve3wej%40rac.ca>
----- Original Message -----
From: Kevin Nathan
To: TS-850_450_690@ <mailto:TS-850_450_690%40yahoogroups.com> yahoogroups.com
Sent: Tuesday, December 02, 2008 1:05 AM
Subject: [TS-850_450_690] One More Question for You Experts

Hi All,

I would like to find a source for low level receive audio out for recording from my 850. By any chance at all, do any of the RCA type DSP plugs on the top of the back of the radio offer audio out?

thanks much and very 73.

Kevin :)
Amateur Radio: K7RX

[Non-text portions of this message have been removed]

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Checked by AVG - http://www.avg. <http://www.avg.com> com
Version: 8.0.176 / Virus Database: 270.9.12/1824 - Release Date: 12/2/2008 09:31

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

No virus found in this incoming message.
Checked by AVG - http://www.avg.com
Version: 8.0.176 / Virus Database: 270.9.13/1826 - Release Date: 12/3/2008
09:34

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

7451. TS-850SAT Distorted Transmit

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-12-05 15:34:35 UTC
From: k5box
Topic: 7451 Message: 7451

My TS-850AT developed a distorted transmit problem.RF output is stable.Receive is just fine.Would the caps on the carrier board cause this problem?Is someone selling the complete cap kit for the carrier board?I am needing to change out mine and another one for a friend.If a kit isn't available can someone direct me to what supplyer has them and there part #'s
I have read all this years threads and have realy enjoyed all the technical information the group has posted.Thx's for any hints to what I need to look for.

7452. Re: TS-850SAT Distorted Transmit

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-12-05 15:39:16 UTC
From: Clif
Topic: 7451 Message: 7452

Is the SSB Tx audio distorted when going into a dummy load? What band?
USB, LSB, or both?

I doubt it's the caps, look at them and see if they are leaking.

Clif

--- In TS-850_450_690@yahoogroups.com, "k5box" <k5box@...> wrote:
>
> My TS-850AT developed a distorted transmit problem.RF output is
> stable.Receive is just fine.Would the caps on the carrier board cause
> this problem?Is someone selling the complete cap kit for the carrier
> board?I am needing to change out mine and another one for a friend.If
> a kit isn't available can someone direct me to what supplyer has them
> and there part #'s
> I have read all this years threads and have realy enjoyed all the
> technical information the group has posted.Thx's for any hints to what
> I need to look for.
>

7453. RE: [TS-850_450_690] Re: TS-850SAT Distorted Transmit

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-12-05 16:09:33 UTC
From: MIKE BOX
Topic: 7451 Message: 7453

Dang-it!!!I just re-tested with a local[3.800 is where the distortion was reported but I hadn't checked any other bands] and all is fine now but it has been on for at least 45 min. Looking like after it warms up it's OK.Going to turn it off and open the window and cool it off and check upper and lower sideband on different bands.Will be reporting back soon.
"It's not the class of license a person holds, It's the class of the person that holds the license."
MIKE BOX [K5BOX]

To: TS-850_450_690@yahoogroups.comFrom: clif@...: Fri, 5 Dec 2008 15:39:16 +0000Subject: [TS-850_450_690] Re: TS-850SAT Distorted Transmit

Is the SSB Tx audio distorted when going into a dummy load? What band?USB, LSB, or both?I doubt it's the caps, look at them and see if they are leaking.Clif--- In TS-850_450_690@yahoogroups.com, "k5box" <k5box@...> wrote:>> My TS-850AT developed a distorted transmit problem.RF output is > stable.Receive is just fine.Would the caps on the carrier board cause > this problem?Is someone selling the complete cap kit for the carrier > board?I am needing to change out mine and another one for a friend.If > a kit isn't available can someone direct me to what supplyer has them > and there part #'s> I have read all this years threads and have realy enjoyed all the > technical information the group has posted.Thx's for any hints to what > I need to look for.>

_____
Send e-mail faster without improving your typing skills.
http://windowslive.com/Explore/hotmail?ocid=TXT_TAGLM_WL_hotmail_acq_speed_122008

[Non-text portions of this message have been removed]

7454. Re: [TS-850_450_690] TS-850SAT Distorted Transmit

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-12-05 20:52:01 UTC
From: ve3wej gmail
Topic: 7451 Message: 7454

could be also as simple as having mike gain too high, have you change mikes???, have you tried it with the hand mike, instead of what you are using, or another handmike...

VE3WEJ
Dave Garber

10-X # 23465
echolink # 52852
irlp node 2202
email ve3wej@...
----- Original Message -----
From: k5box
To: TS-850_450_690@yahoogroups.com
Sent: Friday, December 05, 2008 10:34 AM
Subject: [TS-850_450_690] TS-850SAT Distorted Transmit

My TS-850AT developed a distorted transmit problem.RF output is stable.Receive is just fine.Would the caps on the carrier board cause this problem?Is someone selling the complete cap kit for the carrier board?I am needing to change out mine and another one for a friend.If a kit isn't available can someone direct me to what supplyer has them and there part #'s
I have read all this years threads and have realy enjoyed all the technical information the group has posted.Thx's for any hints to what I need to look for.

[Non-text portions of this message have been removed]

7455. Using a 144 MHz transverter with TS850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-12-05 20:45:33 UTC
From: Tony roskilly
Topic: 7455 Message: 7455

Hi,
I want to use a Microwave Modules 2M transverter with my TS-850S, I have read the TS-850S manual and realise that I can use the IF o/p as 28MHz o/p by re-routing a lead. What concerns me is whether the main PL-259 connector on the 850 will still produce the TX output into the transverter in addition to the drive supplied via the IF socket? I can measure the o/p power down to about 0.5W DC, the transverter's maximum input is 1W DC. Having heard of at least one transverter being cooked with use on a TS-850S, this being by a highly qualified engineer, I would really value any input from members of this group.
Many thanks
Tony G3ZRJ

[Non-text portions of this message have been removed]

7456. Re: [TS-850_450_690] Using a 144 MHz transverter with TS850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-12-05 22:04:38 UTC
From: johnnygm7lsi@aol.com
Topic: 7455 Message: 7456

Hi Tony,
It`s a long time since I did the mod to my 850 and I have
not got the transverter now, but from memory, I fitted a BNC socket to the rear
of the 850, you then run a thin coax lead from the BNC to the SO239 via a
relay, you then run a 12 volt feed to the RF input of transverter. When the
850 sees 12V, it shuts down the SO239 output which then relays the RF to the
BNC. What you end up with, is a setup where your 850 works as an HF Transceiver
until you switch on the power for the transverter, the 850 sees 12volts, and
changes to the BNC output. No switching and changing sockets. I worked great
for me. Someone on the forum must have the exact mod details, but if not
I`ll open up the 850 tell you whats involved. Hope this helps,

Johnny, GM7LSI.

Hi,
I want to use a Microwave Modules 2M transverter with my TS-850S, I have
read the TS-850S manual and realise that I can use the IF o/p as 28MHz o/p by
re-routing a lead. What concerns me is whether the main PL-259 connector on the
850 will still produce the TX output into the transverter in addition to the
drive supplied via the IF socket? I can measure the o/p power down to about
0.5W DC, the transverter'I want to use a Microwave Modules 2M transverter with
my TS-850S, I have read the TS-850S manual and realise that I can use the IF
o/p as 28MHz o/p by re-routing a lead. What concerns me is whether the main P
Many thanks
Tony G3ZRJ

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

7457. Re: [TS-850_450_690] Using a 144 MHz transverter with TS850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-12-05 22:20:34 UTC
From: Zack Widup
Topic: 7455 Message: 7457

The best way I've found to do this is with the Down East Microwave
TIB-850 (a transverter interface box especially made for the TS-850).

You do have to change the jumper in order to change the output on that RCA
jack fron the IF to 28 MHz. But you don't have to add any other connectors
or do any further mods. Turn off the TIB-850 and the rig will be
connected to your HF antenna through the TIB-850 box.

73, Zack W9SZ

On Fri, 5 Dec 2008, johnnygm7lsi@... wrote:

> Hi Tony,
> It`s a long time since I did the mod to my 850 and I have
> not got the transverter now, but from memory, I fitted a BNC socket to the rear
> of the 850, you then run a thin coax lead from the BNC to the SO239 via a
> relay, you then run a 12 volt feed to the RF input of transverter. When the
> 850 sees 12V, it shuts down the SO239 output which then relays the RF to the
> BNC. What you end up with, is a setup where your 850 works as an HF Transceiver
> until you switch on the power for the transverter, the 850 sees 12volts, and
> changes to the BNC output. No switching and changing sockets. I worked great
> for me. Someone on the forum must have the exact mod details, but if not
> I`ll open up the 850 tell you whats involved. Hope this helps,
>
> Johnny, GM7LSI.
>
>
>
>
> Hi,
> I want to use a Microwave Modules 2M transverter with my TS-850S, I have
> read the TS-850S manual and realise that I can use the IF o/p as 28MHz o/p by
> re-routing a lead. What concerns me is whether the main PL-259 connector on the
> 850 will still produce the TX output into the transverter in addition to the
> drive supplied via the IF socket? I can measure the o/p power down to about
> 0.5W DC, the transverter'I want to use a Microwave Modules 2M transverter with
> my TS-850S, I have read the TS-850S manual and realise that I can use the IF
> o/p as 28MHz o/p by re-routing a lead. What concerns me is whether the main P
> Many thanks
> Tony G3ZRJ
>
> [Non-text portions of this message have been removed]
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> [Non-text portions of this message have been removed]
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7458. RE: [TS-850_450_690] TS-850SAT Distorted Transmit

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-12-05 22:51:34 UTC
From: MIKE BOX
Topic: 7451 Message: 7458

Dave,thanks for responding. I checked the mic setting and it's where I have always used it.Testing with othere on 75 meters and the problem has disapeared for the moment but I expect it to come back.I will leave it turned off tonight and check it in the morning. Now that I have the time I would like to replace the caps on the car. unit.Has any of the group bought a lot of them and selling them as a "Kit"?If someone reading this post could give me the Parts store and the part#'s I can order them and get the correct ones the first time
"It's not the class of license a person holds, It's the class of the person that holds the license."
MIKE BOX [K5BOX]

To: TS-850_450_690@yahoogroups.comFrom: ve3wej@...: Fri, 5 Dec 2008 15:52:01 -0500Subject: Re: [TS-850_450_690] TS-850SAT Distorted Transmit

could be also as simple as having mike gain too high, have you change mikes???, have you tried it with the hand mike, instead of what you are using, or another handmike...VE3WEJ Dave Garber10-X # 23465echolink # 52852irlp node 2202email ve3wej@...----- Original Message ----- From: k5box To: TS-850_450_690@yahoogroups.com Sent: Friday, December 05, 2008 10:34 AMSubject: [TS-850_450_690] TS-850SAT Distorted TransmitMy TS-850AT developed a distorted transmit problem.RF output is stable.Receive is just fine.Would the caps on the carrier board cause this problem?Is someone selling the complete cap kit for the carrier board?I am needing to change out mine and another one for a friend.If a kit isn't available can someone direct me to what supplyer has them and there part #'sI have read all this years threads and have realy enjoyed all the technical information the group has posted.Thx's for any hints to what I need to look for.[Non-text portions of this message have been removed]

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[Non-text portions of this message have been removed]

7459. Re: [TS-850_450_690] Using a 144 MHz transverter with TS850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-12-05 23:29:51 UTC
From: Crownhaven
Topic: 7455 Message: 7459

I used my TS-850S with a DEMI transverter. The output is much less than one watt. More like a half-watt or less. Your mileage may vary. I don't think there is any way possible you are going to see a watt out of it in that mode.
I would highly recommend the DEMI TIB box if you want to switch back and forth between VHF and HF. You only have to flip one switch. Very nice. Without the box, you have to disconnect everything, open the radio up and switch that internal lead.

Steve, N4JQQ

Tony roskilly wrote:
>
> Hi,
> I want to use a Microwave Modules 2M transverter with my TS-850S, I
> have read the TS-850S manual and realise that I can use the IF o/p as
> 28MHz o/p by re-routing a lead. What concerns me is whether the main
> PL-259 connector on the 850 will still produce the TX output into the
> transverter in addition to the drive supplied via the IF socket? I can
> measure the o/p power down to about 0.5W DC, the transverter's maximum
> input is 1W DC. Having heard of at least one transverter being cooked
> with use on a TS-850S, this being by a highly qualified engineer, I
> would really value any input from members of this group.
> Many thanks
> Tony G3ZRJ
>
> [Non-text portions of this message have been removed]
>
>

7460. Re: [TS-850_450_690] TS-850SAT Distorted Transmit

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-12-06 00:48:31 UTC
From: ve3wej gmail
Topic: 7451 Message: 7460

i changed my caps, easy..cost about 3.50 for the parts.....
i dont think if you get the kenwood parts ones, you are improving. replaced mine with electrolytic 10 ufd @ 50v and they fit with lots of room and the other is 47 ufd i believe

VE3WEJ
Dave Garber

10-X # 23465
echolink # 52852
irlp node 2202
email ve3wej@...
----- Original Message -----
From: MIKE BOX
To: ts-850_450_690@yahoogroups.com
Sent: Friday, December 05, 2008 5:51 PM
Subject: RE: [TS-850_450_690] TS-850SAT Distorted Transmit

Dave,thanks for responding. I checked the mic setting and it's where I have always used it.Testing with othere on 75 meters and the problem has disapeared for the moment but I expect it to come back.I will leave it turned off tonight and check it in the morning. Now that I have the time I would like to replace the caps on the car. unit.Has any of the group bought a lot of them and selling them as a "Kit"?If someone reading this post could give me the Parts store and the part#'s I can order them and get the correct ones the first time
"It's not the class of license a person holds, It's the class of the person that holds the license."
MIKE BOX [K5BOX]

To: TS-850_450_690@yahoogroups.comFrom: ve3wej@...: Fri, 5 Dec 2008 15:52:01 -0500Subject: Re: [TS-850_450_690] TS-850SAT Distorted Transmit

could be also as simple as having mike gain too high, have you change mikes???, have you tried it with the hand mike, instead of what you are using, or another handmike...VE3WEJ Dave Garber10-X # 23465echolink # 52852irlp node 2202email ve3wej@...----- Original Message ----- From: k5box To: TS-850_450_690@yahoogroups.com Sent: Friday, December 05, 2008 10:34 AMSubject: [TS-850_450_690] TS-850SAT Distorted TransmitMy TS-850AT developed a distorted transmit problem.RF output is stable.Receive is just fine.Would the caps on the carrier board cause this problem?Is someone selling the complete cap kit for the carrier board?I am needing to change out mine and another one for a friend.If a kit isn't available can someone direct me to what supplyer has them and there part #'sI have read all this years threads and have realy enjoyed all the technical information the group

has posted.Thx's for any hints to what I need to look for.[Non-text portions of this message have been removed]

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7461. Re: [TS-850_450_690] TS-850SAT Distorted Transmit

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-12-06 01:27:19 UTC
From: dave@zievid.com
Topic: 7451 Message: 7461

FYI I used Mouser:

1 unit: 647-UUD1E470MCL - 47uf, 25v
10 units: 647-UUD1E220MCL - 22uf, 25v (Mouser didn't have 10uf in stock when I did it)

Photos are available at http://www.zievid.com/W6OT/TS-850/TS-850.htm

Hope this helps,
- Dave
W6OT

> i changed my caps, easy..cost about 3.50 for the parts.....
> i dont think if you get the kenwood parts ones, you are improving.
> replaced
> mine with electrolytic 10 ufd @ 50v and they fit with lots of room and the
> other is 47 ufd i believe
>
>
>
> VE3WEJ
> Dave Garber
>
> 10-X # 23465
> echolink # 52852
> irlp node 2202
> email ve3wej@...
> ----- Original Message -----
> From: MIKE BOX
> To: ts-850_450_690@yahoogroups.com
> Sent: Friday, December 05, 2008 5:51 PM
> Subject: RE: [TS-850_450_690] TS-850SAT Distorted Transmit
>
>
>
> Dave,thanks for responding. I checked the mic setting and it's where I
> have always used it.Testing with othere on 75 meters and the problem has
> disapeared for the moment but I expect it to come back.I will leave it
> turned off tonight and check it in the morning. Now that I have the time I
> would like to replace the caps on the car. unit.Has any of the group
> bought
> a lot of them and selling them as a "Kit"?If someone reading this post
> could
> give me the Parts store and the part#'s I can order them and get the
> correct
> ones the first time

> "It's not the class of license a person holds, It's the class of the
> person that holds the license."
> MIKE BOX [K5BOX]
>
> To: TS-850_450_690@yahoogroups.comFrom: ve3wej@...: Fri, 5 Dec
> 2008 15:52:01 -0500Subject: Re: [TS-850_450_690] TS-850SAT Distorted
> Transmit
>
> could be also as simple as having mike gain too high, have you change
> mikes???, have you tried it with the hand mike, instead of what you are
> using, or another handmike...VE3WEJ Dave Garber10-X # 23465echolink #
> 52852irlp node 2202email ve3wej@...----- Original Message ----- From:
> k5box To: TS-850_450_690@yahoogroups.com Sent: Friday, December 05, 2008
> 10:34 AMSubject: [TS-850_450_690] TS-850SAT Distorted TransmitMy TS-850AT
> developed a distorted transmit problem.RF output is stable.Receive is just
> fine.Would the caps on the carrier board cause this problem?Is someone
> selling the complete cap kit for the carrier board?I am needing to change
> out mine and another one for a friend.If a kit isn't available can someone
> direct me to what supplyer has them and there part #'sI have read all this
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> group
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> portions
> of this message have been removed]
>
> --
> Send e-mail faster without improving your typing skills.
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> [Non-text portions of this message have been removed]
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>

7462. Re: [TS-850_450_690] TS-850SAT Distorted Transmit

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-12-06 22:13:14 UTC
From: Michael Zwingl, OE3MZC
Topic: 7451 Message: 7462

have you got a TNC connected at rear?
this is known to cause this problem.

----- Original Message -----
From: ve3wej gmail
To: TS-850_450_690@yahoogroups.com
Sent: Friday, December 05, 2008 9:52 PM
Subject: Re: [TS-850_450_690] TS-850SAT Distorted Transmit

could be also as simple as having mike gain too high, have you change mikes???, have you tried it with the hand mike, instead of what you are using, or another handmike...

VE3WEJ
Dave Garber

10-X # 23465
echolink # 52852
irlp node 2202
email ve3wej@...
----- Original Message -----
From: k5box
To: TS-850_450_690@yahoogroups.com
Sent: Friday, December 05, 2008 10:34 AM
Subject: [TS-850_450_690] TS-850SAT Distorted Transmit

My TS-850AT developed a distorted transmit problem.RF output is stable.Receive is just fine.Would the caps on the carrier board cause this problem?Is someone selling the complete cap kit for the carrier board?I am needing to change out mine and another one for a friend.If a kit isn't available can someone direct me to what supplyer has them and there part #'s
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[Non-text portions of this message have been removed]

7463. Re: [TS-850_450_690] Digest Number 1927

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-12-07 10:37:20 UTC
From: Tony Roskilly
Topic: 7463 Message: 7463

Kenwood TS-850_450_690Many thanks for all the help, I shall be treading very carefully and following your advice.
Fingers crossed.
Thanks again
73 Tony G3ZRJ
----- Original Message -----
From: TS-850_450_690@yahoogroups.com
To: TS-850_450_690@yahoogroups.com
Sent: Saturday, December 06, 2008 9:00 AM
Subject: [TS-850_450_690] Digest Number 1927

Kenwood TS-850_450_690
Messages In This Digest (11 Messages)
1a. TS-850SAT Distorted Transmit From: k5box
1b. Re: TS-850SAT Distorted Transmit From: Clif
1c. Re: TS-850SAT Distorted Transmit From: MIKE BOX
1d. Re: TS-850SAT Distorted Transmit From: ve3wej gmail
1e. Re: TS-850SAT Distorted Transmit From: MIKE BOX
1f. Re: TS-850SAT Distorted Transmit From: ve3wej gmail
1g. Re: TS-850SAT Distorted Transmit From: dave@...
2a. Using a 144 MHz transverter with TS850 From: Tony roskilly
2b. Re: Using a 144 MHz transverter with TS850 From: johnnygm7lsi@...
2c. Re: Using a 144 MHz transverter with TS850 From: Zack Widup
2d. Re: Using a 144 MHz transverter with TS850 From: Crownhaven
View All Topics | Create New Topic Messages
1a. TS-850SAT Distorted Transmit
Posted by: "k5box" k5box@... k5box
Fri Dec 5, 2008 7:34 am (PST)
My TS-850AT developed a distorted transmit problem.RF output is stable.Receive is just fine.Would the caps on the carrier board cause this problem?Is someone selling the complete cap kit for the carrier board?I am needing to change out mine and another one for a friend.If a kit isn't available can someone direct me to what supplyer has them and there part #'s
I have read all this years threads and have realy enjoyed all the technical information the group has posted.Thx's for any hints to what I need to look for.

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Messages in this topic (7)
1b. Re: TS-850SAT Distorted Transmit
Posted by: "Clif" clif@... avvidclif
Fri Dec 5, 2008 7:39 am (PST)
Is the SSB Tx audio distorted when going into a dummy load? What band? USB, LSB, or both?

I doubt it's the caps, look at them and see if they are leaking.

Clif

--- In TS-850_450_690@yahoogroups.com, "k5box" <k5box@...> wrote:
>
> My TS-850AT developed a distorted transmit problem.RF output is
> stable.Receive is just fine.Would the caps on the carrier board cause
> this problem?Is someone selling the complete cap kit for the carrier
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> I need to look for.
>

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Messages in this topic (7)
1c. Re: TS-850SAT Distorted Transmit
Posted by: "MIKE BOX" k5box@... k5box
Fri Dec 5, 2008 8:09 am (PST)

Dang-it!!!I just re-tested with a local[3.800 is where the distortion was reported but I hadn't checked any other bands] and all is fine now but it has been on for at least 45 min. Looking like after it warms up it's OK.Going to turn it off and open the window and cool it off and check upper and lower sideband on different bands.Will be reporting back soon.
"It's not the class of license a person holds, It's the class of the person that holds the license."
MIKE BOX [K5BOX]

To: TS-850_450_690@yahoogroups.comFrom: clif@...: Fri, 5 Dec 2008 15:39:16 +0000Subject: [TS-850_450_690] Re: TS-850SAT Distorted Transmit

Is the SSB Tx audio distorted when going into a dummy load? What band?USB, LSB, or both?I doubt it's the caps, look at them and see if they are leaking.Clif--- In TS-850_450_690@yahoogroups.com, "k5box" <k5box@...> wrote:>> My TS-850AT developed a distorted transmit problem.RF output is > stable.Receive is just fine.Would the caps on the carrier board cause > this problem?Is someone selling the complete cap kit for the carrier > board?I am needing to change out mine and another one for a friend.If > a kit isn't available can someone direct me to what supplyer has them > and there part #'s> I have read all this years threads and have realy enjoyed all the > technical information the group has posted.Thx's for any hints to what > I need to look for.>

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Messages in this topic (7)
1d. Re: TS-850SAT Distorted Transmit

Posted by: "ve3wej gmail" ve3wej@... ve3wej
Fri Dec 5, 2008 12:56 pm (PST)
could be also as simple as having mike gain too high, have you change mikes???, have you tried it with the hand mike, instead of what you are using, or another handmike...

VE3WEJ
Dave Garber

10-X # 23465
echolink # 52852
irlp node 2202
email ve3wej@...
----- Original Message -----
From: k5box
To: TS-850_450_690@yahoogroups.com
Sent: Friday, December 05, 2008 10:34 AM
Subject: [TS-850_450_690] TS-850SAT Distorted Transmit

My TS-850AT developed a distorted transmit problem.RF output is stable.Receive is just fine.Would the caps on the carrier board cause this problem?Is someone selling the complete cap kit for the carrier board?I am needing to change out mine and another one for a friend.If a kit isn't available can someone direct me to what supplyer has them and there part #'s
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[Non-text portions of this message have been removed]

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Messages in this topic (7)
1e. Re: TS-850SAT Distorted Transmit
Posted by: "MIKE BOX" k5box@... k5box
Fri Dec 5, 2008 2:51 pm (PST)

Dave,thanks for responding. I checked the mic setting and it's where I have always used it.Testing with othere on 75 meters and the problem has disapeared for the moment but I expect it to come back.I will leave it turned off tonight and check it in the morning. Now that I have the time I would like to replace the caps on the car. unit.Has any of the group bought a lot of them and selling them as a "Kit"?If someone reading this post could give me the Parts store and the part#'s I can order them and get the correct ones the first time
"It's not the class of license a person holds, It's the class of the person that holds the license."
MIKE BOX [K5BOX]

To: TS-850_450_690@yahoogroups.comFrom: ve3wej@...: Fri, 5 Dec 2008 15:52:01 -0500Subject: Re: [TS-850_450_690] TS-850SAT Distorted Transmit

could be also as simple as having mike gain too high, have you change mikes???, have you tried it with the hand mike, instead of what you are using, or another handmike...VE3WEJ Dave Garber10-X # 23465echolink # 52852irlp node 2202email ve3wej@...----- Original

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Messages in this topic (7)
1f. Re: TS-850SAT Distorted Transmit
Posted by: "ve3wej gmail" ve3wej@... ve3wej
Fri Dec 5, 2008 4:51 pm (PST)
i changed my caps, easy..cost about 3.50 for the parts.....
i dont think if you get the kenwood parts ones, you are improving. replaced mine with electrolytic 10 ufd @ 50v and they fit with lots of room and the other is 47 ufd i believe

VE3WEJ
Dave Garber

10-X # 23465
echolink # 52852
irlp node 2202
email ve3wej@...
----- Original Message -----
From: MIKE BOX
To: ts-850_450_690@yahoogroups.com
Sent: Friday, December 05, 2008 5:51 PM
Subject: RE: [TS-850_450_690] TS-850SAT Distorted Transmit

Dave,thanks for responding. I checked the mic setting and it's where I have always used it.Testing with othere on 75 meters and the problem has disapeared for the moment but I expect it to come back.I will leave it turned off tonight and check it in the morning. Now that I have the time I would like to replace the caps on the car. unit.Has any of the group bought a lot of them and selling them as a "Kit"?If someone reading this post could give me the Parts store and the part#'s I can order them and get the correct ones the first time
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MIKE BOX [K5BOX]

To: TS-850_450_690@yahoogroups.comFrom: ve3wej@...: Fri, 5 Dec 2008 15:52:01 -0500Subject: Re: [TS-850_450_690] TS-850SAT Distorted

Transmit

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Messages in this topic (7)
1g. Re: TS-850SAT Distorted Transmit
Posted by: "dave@..." dave@... dsimmons1999
Fri Dec 5, 2008 5:27 pm (PST)
FYI I used Mouser:

1 unit: 647-UUD1E470MCL - 47uf, 25v
10 units: 647-UUD1E220MCL - 22uf, 25v (Mouser didn't have 10uf in stock when I did it)

Photos are available at http://www.zievid.com/W6OT/TS-850/TS-850.htm

Hope this helps,
- Dave
W6OT

> i changed my caps, easy..cost about 3.50 for the parts.....
> i dont think if you get the kenwood parts ones, you are improving.
> replaced
> mine with electrolytic 10 ufd @ 50v and they fit with lots of room and the
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>
>
> VE3WEJ
> Dave Garber
>
> 10-X # 23465

> echolink # 52852
> irlp node 2202
> email ve3wej@...
> ----- Original Message -----
> From: MIKE BOX
> To: ts-850_450_690@yahoogroups.com
> Sent: Friday, December 05, 2008 5:51 PM
> Subject: RE: [TS-850_450_690] TS-850SAT Distorted Transmit
>
>
>
> Dave,thanks for responding. I checked the mic setting and it's where I
> have always used it.Testing with othere on 75 meters and the problem has
> disapeared for the moment but I expect it to come back.I will leave it
> turned off tonight and check it in the morning. Now that I have the time I
> would like to replace the caps on the car. unit.Has any of the group
> bought
> a lot of them and selling them as a "Kit"?If someone reading this post
> could
> give me the Parts store and the part#'s I can order them and get the
> correct
> ones the first time
> "It's not the class of license a person holds, It's the class of the
> person that holds the license."
> MIKE BOX [K5BOX]
>
> To: TS-850_450_690@yahoogroups.comFrom: ve3wej@...: Fri, 5 Dec
> 2008 15:52:01 -0500Subject: Re: [TS-850_450_690] TS-850SAT Distorted
> Transmit
>
> could be also as simple as having mike gain too high, have you change
> mikes???, have you tried it with the hand mike, instead of what you are
> using, or another handmike...VE3WEJ Dave Garber10-X # 23465echolink #
> 52852irlp node 2202email ve3wej@...----- Original Message ----- From:
> k5box To: TS-850_450_690@yahoogroups.com Sent: Friday, December 05, 2008
> 10:34 AMSubject: [TS-850_450_690] TS-850SAT Distorted TransmitMy TS-850AT
> developed a distorted transmit problem.RF output is stable.Receive is just
> fine.Would the caps on the carrier board cause this problem?Is someone
> selling the complete cap kit for the carrier board?I am needing to change
> out mine and another one for a friend.If a kit isn't available can someone
> direct me to what supplyer has them and there part #'sI have read all this
> years threads and have realy enjoyed all the technical information the
> group
> has posted.Thx's for any hints to what I need to look for.[Non-text
> portions
> of this message have been removed]
>
> --
> Send e-mail faster without improving your typing skills.
> http://windowslive.com/Explore/hotmail?ocid=TXT_TAGLM_WL_hotmail_acq_speed_122008

>
> [Non-text portions of this message have been removed]
>
>
>
>
>
>

Back to top Reply to sender | Reply to group | Reply via web post
Messages in this topic (7)
2a. Using a 144 MHz transverter with TS850
Posted by: "Tony roskilly" g3zrj.morsekey@... fintlewoodlewick
Fri Dec 5, 2008 1:13 pm (PST)
Hi,
I want to use a Microwave Modules 2M transverter with my TS-850S, I have read the TS-850S manual and realise that I can use the IF o/p as 28MHz o/p by re-routing a lead. What concerns me is whether the main PL-259 connector on the 850 will still produce the TX output into the transverter in addition to the drive supplied via the IF socket? I can measure the o/p power down to about 0.5W DC, the transverter's maximum input is 1W DC. Having heard of at least one transverter being cooked with use on a TS-850S, this being by a highly qualified engineer, I would really value any input from members of this group.
Many thanks
Tony G3ZRJ

[Non-text portions of this message have been removed]

Back to top Reply to sender | Reply to group | Reply via web post
Messages in this topic (4)
2b. Re: Using a 144 MHz transverter with TS850
Posted by: "johnnygm7lsi@..." johnnygm7lsi@... gm7lsi
Fri Dec 5, 2008 2:04 pm (PST)
Hi Tony,
It`s a long time since I did the mod to my 850 and I have
not got the transverter now, but from memory, I fitted a BNC socket to the rear
of the 850, you then run a thin coax lead from the BNC to the SO239 via a
relay, you then run a 12 volt feed to the RF input of transverter. When the
850 sees 12V, it shuts down the SO239 output which then relays the RF to the
BNC. What you end up with, is a setup where your 850 works as an HF Transceiver
until you switch on the power for the transverter, the 850 sees 12volts, and
changes to the BNC output. No switching and changing sockets. I worked great
for me. Someone on the forum must have the exact mod details, but if not
I`ll open up the 850 tell you whats involved. Hope this helps,

Johnny, GM7LSI.

Hi,
I want to use a Microwave Modules 2M transverter with my TS-850S, I have
read the TS-850S manual and realise that I can use the IF o/p as 28MHz o/p by
re-routing a lead. What concerns me is whether the main PL-259 connector on the
850 will still produce the TX output into the transverter in addition to the

drive supplied via the IF socket? I can measure the o/p power down to about
0.5W DC, the transverter'I want to use a Microwave Modules 2M transverter with
my TS-850S, I have read the TS-850S manual and realise that I can use the IF
o/p as 28MHz o/p by re-routing a lead. What concerns me is whether the main P
Many thanks
Tony G3ZRJ

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

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Messages in this topic (4)
2c. Re: Using a 144 MHz transverter with TS850
Posted by: "Zack Widup" w9sz@... w9sz
Fri Dec 5, 2008 2:20 pm (PST)

The best way I've found to do this is with the Down East Microwave
TIB-850 (a transverter interface box especially made for the TS-850).

You do have to change the jumper in order to change the output on that RCA
jack fron the IF to 28 MHz. But you don't have to add any other connectors
or do any further mods. Turn off the TIB-850 and the rig will be
connected to your HF antenna through the TIB-850 box.

73, Zack W9SZ

On Fri, 5 Dec 2008, johnnygm7lsi@... wrote:

> Hi Tony,
> It`s a long time since I did the mod to my 850 and I have
> not got the transverter now, but from memory, I fitted a BNC socket to the rear
> of the 850, you then run a thin coax lead from the BNC to the SO239 via a
> relay, you then run a 12 volt feed to the RF input of transverter. When the
> 850 sees 12V, it shuts down the SO239 output which then relays the RF to the
> BNC. What you end up with, is a setup where your 850 works as an HF Transceiver
> until you switch on the power for the transverter, the 850 sees 12volts, and
> changes to the BNC output. No switching and changing sockets. I worked great
> for me. Someone on the forum must have the exact mod details, but if not
> I`ll open up the 850 tell you whats involved. Hope this helps,
>
> Johnny, GM7LSI.
>
>
>
>
> Hi,
> I want to use a Microwave Modules 2M transverter with my TS-850S, I have
> read the TS-850S manual and realise that I can use the IF o/p as 28MHz o/p by
> re-routing a lead. What concerns me is whether the main PL-259 connector on the
> 850 will still produce the TX output into the transverter in addition to the
> drive supplied via the IF socket? I can measure the o/p power down to about

> 0.5W DC, the transverter'I want to use a Microwave Modules 2M transverter with
> my TS-850S, I have read the TS-850S manual and realise that I can use the IF
> o/p as 28MHz o/p by re-routing a lead. What concerns me is whether the main P
> Many thanks
> Tony G3ZRJ
>
> [Non-text portions of this message have been removed]
>
>
>
>
>
>
> [Non-text portions of this message have been removed]
>
>

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Messages in this topic (4)
2d. Re: Using a 144 MHz transverter with TS850
Posted by: "Crownhaven" crownhaven@... gatorman_71
Fri Dec 5, 2008 3:29 pm (PST)
I used my TS-850S with a DEMI transverter. The output is much less than
one watt. More like a half-watt or less. Your mileage may vary. I
don't think there is any way possible you are going to see a watt out of
it in that mode.
I would highly recommend the DEMI TIB box if you want to switch back and
forth between VHF and HF. You only have to flip one switch. Very
nice. Without the box, you have to disconnect everything, open the
radio up and switch that internal lead.

Steve, N4JQQ

Tony roskilly wrote:
>
> Hi,
> I want to use a Microwave Modules 2M transverter with my TS-850S, I
> have read the TS-850S manual and realise that I can use the IF o/p as
> 28MHz o/p by re-routing a lead. What concerns me is whether the main
> PL-259 connector on the 850 will still produce the TX output into the
> transverter in addition to the drive supplied via the IF socket? I can
> measure the o/p power down to about 0.5W DC, the transverter's maximum
> input is 1W DC. Having heard of at least one transverter being cooked
> with use on a TS-850S, this being by a highly qualified engineer, I
> would really value any input from members of this group.
> Many thanks
> Tony G3ZRJ
>
> [Non-text portions of this message have been removed]
>
>

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Messages in this topic (4) Recent Activity
a.. 3 New Members
b.. 1 New Photos
Visit Your Group
Drive Traffic
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can help increase

your site traffic.

Moderator Central
Yahoo! Groups

Join and receive

produce updates.

Yahoo! Groups
Going Green Zone

Learn to go green.

Save energy. Save the planet.

Need to Reply?
Click one of the "Reply" links to respond to a specific message in the Daily Digest.
Create New Topic | Visit Your Group on the Web
Messages | Files | Photos | Links | Database | Polls | Members | Calendar
THANKS FOR USING TS-850_450_690@...
MARKETPLACE

From kitchen basics to easy recipes - join the Group from Kraft Foods

Change settings via the Web (Yahoo! ID required)
Change settings via email: Switch delivery to Individual | Switch format to Traditional
Visit Your Group | Yahoo! Groups Terms of Use | Unsubscribe

[Non-text portions of this message have been removed]

7464. RE: [TS-850_450_690] TS-850SAT Distorted Transmit

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-12-08 22:05:53 UTC
From: Robert Hunter
Topic: 7451 Message: 7464

Just as a wild guess, might there be an RFI issue?

I live on a postage stamp lot and run power, with 75 and 40 dipoles not too far overhead. Had RF getting in the on the mic.

I now have a Rig Blaster Pro with torroids on the internal mic jumpers and in the past, before rig blasters, a torroid on the mic cable. Which seems to have solved the problem.

By the way I am using 77 mix torroids FT 240, 140 and ½ inch.

Bob NG2P

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@...m]
On Behalf Of k5box
Sent: Friday, December 05, 2008 10:35 AM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] TS-850SAT Distorted Transmit

My TS-850AT developed a distorted transmit problem.RF output is stable.Receive is just fine.Would the caps on the carrier board cause this problem?Is someone selling the complete cap kit for the carrier board?I am needing to change out mine and another one for a friend.If a kit isn't available can someone direct me to what supplyer has them and there part #'s
I have read all this years threads and have realy enjoyed all the technical information the group has posted.Thx's for any hints to what I need to look for.

[Non-text portions of this message have been removed]

7465. '450 access

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-12-09 21:27:55 UTC
From: yah121d
Topic: 7465 Message: 7465

As I've owned my 450 for a while I thought I should check the battery out. But alas I can't seem to get in.
Took the bottom cover off (full not just the filters cover), nope must need the top off. Upper four screws out but the lid is still tight.

Seems daft to ask, but how do I get in to see?

7466. Re: [TS-850_450_690] '450 access

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-12-09 22:17:15 UTC
From: ve3wej gmail
Topic: 7465 Message: 7466

is there screws on the rear????? usually lift the rear first, then slide towards the rear to untuck from the front panel...

VE3WEJ
Dave Garber

10-X # 23465
echolink # 52852
irlp node 2202
email ve3wej@...
----- Original Message -----
From: yah121d
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, December 09, 2008 4:27 PM
Subject: [TS-850_450_690] '450 access

As I've owned my 450 for a while I thought I should check the battery out. But alas I can't seem to get in.
Took the bottom cover off (full not just the filters cover), nope must need the top off. Upper four screws out but the lid is still tight.

Seems daft to ask, but how do I get in to see?

[Non-text portions of this message have been removed]

7467. Re: '450 access

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-12-10 13:15:14 UTC
From: woodensteel76
Topic: 7465 Message: 7467

take off top and bottom covers then take out 2 screws at top front
corners then the whole face pivots down.

Wayne
KB3RRX

--- In TS-850_450_690@yahoogroups.com, "yah121d" <asylum142@...> wrote:

>
> As I've owned my 450 for a while I thought I should check the battery
> out. But alas I can't seem to get in.
> Took the bottom cover off (full not just the filters cover), nope must
> need the top off. Upper four screws out but the lid is still tight.
>
> Seems daft to ask, but how do I get in to see?
>

7468. Re: '450 access

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-12-10 15:01:22 UTC
From: Clif
Topic: 7465 Message: 7468

The top is just stuck, pull harder. That is if you have all the screws
out, 4 on top and 2 on each side.

Clif

--- In TS-850_450_690@yahoogroups.com, "yah121d" <asylum142@...> wrote:
>
> As I've owned my 450 for a while I thought I should check the battery
> out. But alas I can't seem to get in.
> Took the bottom cover off (full not just the filters cover), nope must
> need the top off. Upper four screws out but the lid is still tight.
>
> Seems daft to ask, but how do I get in to see?
>

7469. Re: '450 access

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-12-10 22:23:41 UTC
From: yah121d
Topic: 7465 Message: 7469

--- In TS-850_450_690@yahoogroups.com, "Clif" <clif@...> wrote:
>
> The top is just stuck, pull harder. That is if you have all the
screws
> out, 4 on top and 2 on each side.
>
> Clif
>
Thanks all so far. Yes, I think the top may just be
stuck/glued/magic'd on but I've only got four screws out for the top
cover. Can't see anything on the sides (even removing the carry
handle) unless they are in/behind the little side feet (lhs where you
can stand the rig side on with the carry handle on top).
Has anyone a pic from a service sheet??

7470. Re: [TS-850_450_690] Re: '450 access

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-12-10 23:01:26 UTC
From: PA0MIR
Topic: 7465 Message: 7470

But you have to loosen up the 4 sidescrews on the bottom part or it keeps stuck
Good luck
----- Original Message -----
From: yah121d
To: TS-850_450_690@yahoogroups.com
Sent: Wednesday, December 10, 2008 10:23 PM
Subject: [TS-850_450_690] Re: '450 access

--- In TS-850_450_690@yahoogroups.com, "Clif" <clif@...> wrote:
>
> The top is just stuck, pull harder. That is if you have all the
screws
> out, 4 on top and 2 on each side.
>
> Clif
>
Thanks all so far. Yes, I think the top may just be
stuck/glued/magic'd on but I've only got four screws out for the top
cover. Can't see anything on the sides (even removing the carry
handle) unless they are in/behind the little side feet (lhs where you
can stand the rig side on with the carry handle on top).
Has anyone a pic from a service sheet??

[Non-text portions of this message have been removed]

7471. Re: [TS-850_450_690] Kenwood DSP 100 for a 450s

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-12-11 19:03:59 UTC
From: Conrad P Herold
Topic: 7441 Message: 7471

Hi Fred
I have a Kenwood DSP 100. It was from a SK. I never knew him.. I did get the TS 850, SP31 and PS 52 that I use everyday. I have never hooked up the DSP100. It does have cables.
My email address is cpherold@ticon.net My phone number is 608-676-4067
I live in Clinton WI.
Thanks
W9DL
Conrad Herold

From: fred701 <fredmiddleton@...>
To: TS-850_450_690@yahoogroups.com
Sent: Sunday, November 30, 2008 7:38:09 PM
Subject: [TS-850_450_690] Kenwood DSP 100 for a 450s

Does anyone have a dsp 100 for sale?

[Non-text portions of this message have been removed]

7472. Re: '450 access

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-12-11 20:54:17 UTC
From: yah121d
Topic: 7465 Message: 7472

--- In TS-850_450_690@yahoogroups.com, "PA0MIR" <n.byl@...> wrote:
>
> But you have to loosen up the 4 sidescrews on the bottom part or it keeps stuck
> Good luck

Thank you.
Yes it was gripped tight by the bottom cover I'd put back.
- operator error, doh.

Mmm, dusty in there. Looks like I might be first in the top.

Now to find the change it guide. My, it does look tight in there. I do wonder if after freeing CN12 (& maybe CN8) I should just change the battery (if it's clean in there) - I can't really see from here if it'll slide out.

A job for the coming weekend/evenings. Anyone know the original battery type?

7473. Digital Modes

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-12-12 17:29:29 UTC
From: Kevin Nathan
Topic: 7473 Message: 7473

Hi All,

I am interested in running some digital modes with my 850, specifically RTTY, Pactor, MT63 and possibly PSK31. Aside from the stock filters I only have a 250 Hz CW filter in the 455 side. I am using the signalink USB as my interface. Can someone on the list who has run digital modes give me some suggestions please for filter settings and tuning to best use these modes?

thanks much and very 73.

Kevin :)
Amateur Radio: K7RX

7474. Re: [TS-850_450_690] Digital Modes

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-12-12 21:10:07 UTC
From: ve3wej gmail
Topic: 7473 Message: 7474

since some modes are very narrow anyway, most receive will be whatever lets it show on the screen. for example psk is 31 hz wide, so putting on the 250 hz filter should still allow you to copy it. rtty is 170 hz wide, so same should apply. whereas sstv is 2.3mhz wide, so narrow filter should be OFF.

I have the 1.8 ssb filter, and it is too narrow for standard sstv, but works fine in other modes. the only drawback, with the narrow filter, is you cant see who is operating beside you ... could be the dx you are looking for

good luck

VE3WEJ
Dave Garber

10-X # 23465
echolink # 52852
irlp node 2202
email ve3wej@...
----- Original Message -----
From: Kevin Nathan
To: TS-850_450_690@yahoogroups.com
Sent: Friday, December 12, 2008 12:29 PM
Subject: [TS-850_450_690] Digital Modes

Hi All,

I am interested in running some digital modes with my 850, specifically
RTTY, Pactor, MT63 and possibly PSK31. Aside from the stock filters I only
have a 250 Hz CW filter in the 455 side. I am using the signalink USB as my
interface. Can someone on the list who has run digital modes give me some
suggestions please for filter settings and tuning to best use these modes?

thanks much and very 73.

Kevin :)
Amateur Radio: K7RX

[Non-text portions of this message have been removed]

7475. RE: [TS-850_450_690] Digital Modes

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-12-12 21:32:42 UTC
From: Kevin Nathan
Topic: 7473 Message: 7475

thanks Dave. How about USB versus LSB for RTTY and so on?

Again, thanks and 73.

Kevin :)
Amateur Radio: K7RX

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of ve3wej gmail
Sent: Friday, December 12, 2008 13:10
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] Digital Modes

since some modes are very narrow anyway, most receive will be whatever lets
it show on the screen. for example psk is 31 hz wide, so putting on the 250
hz filter should still allow you to copy it. rtty is 170 hz wide, so same
should apply. whereas sstv is 2.3mhz wide, so narrow filter should be OFF.

I have the 1.8 ssb filter, and it is too narrow for standard sstv, but works
fine in other modes. the only drawback, with the narrow filter, is you cant
see who is operating beside you ... could be the dx you are looking for

good luck

VE3WEJ
Dave Garber

10-X # 23465
echolink # 52852
irlp node 2202
email ve3wej@... <mailto:ve3wej%40rac.ca>
----- Original Message -----
From: Kevin Nathan
To: TS-850_450_690@ <mailto:TS-850_450_690%40yahoogroups.com>
yahoogroups.com
Sent: Friday, December 12, 2008 12:29 PM
Subject: [TS-850_450_690] Digital Modes

Hi All,

I am interested in running some digital modes with my 850, specifically
RTTY, Pactor, MT63 and possibly PSK31. Aside from the stock filters I only
have a 250 Hz CW filter in the 455 side. I am using the signalink USB as my
interface. Can someone on the list who has run digital modes give me some
suggestions please for filter settings and tuning to best use these modes?

thanks much and very 73.

Kevin :)
Amateur Radio: K7RX

[Non-text portions of this message have been removed]

No virus found in this incoming message.
Checked by AVG - http://www.avg.com
Version: 8.0.176 / Virus Database: 270.9.17/1845 - Release Date: 12/12/2008
09:02

[Non-text portions of this message have been removed]

7476. Re: [TS-850_450_690] Digital Modes

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-12-12 22:00:55 UTC
From: ve3wej gmail
Topic: 7473 Message: 7476

depends on who you listen too.. the bandplan used to have rtty ALWAYS on lsb (is how i was told) but the advent of soundcard interfacing has stopped users from following that, they are following the bandplan of the band they are on NOT the mode. I on the other hand use rtty on lsb always, but shift from the dxspots (about 2.5 khz)..... psk (bpsk is usb) (qpsk is lsb, but never used qpsk).

most other modes follow the bandplan..

VE3WEJ
Dave Garber

10-X # 23465
echolink # 52852
irlp node 2202
email ve3wej@...
----- Original Message -----
From: Kevin Nathan
To: TS-850_450_690@yahoogroups.com
Sent: Friday, December 12, 2008 4:32 PM
Subject: RE: [TS-850_450_690] Digital Modes

thanks Dave. How about USB versus LSB for RTTY and so on?

Again, thanks and 73.

Kevin :)
Amateur Radio: K7RX

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of ve3wej gmail
Sent: Friday, December 12, 2008 13:10
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] Digital Modes

since some modes are very narrow anyway, most receive will be whatever lets it show on the screen. for example psk is 31 hz wide, so putting on the 250 hz filter should still allow you to copy it. rtty is 170 hz wide, so same should apply. whereas sstv is 2.3mhz wide, so narrow filter should be OFF.

I have the 1.8 ssb filter, and it is too narrow for standard sstv, but works fine in other modes. the only drawback, with the narrow filter, is you cant see who is operating beside you ... could be the dx you are looking for

good luck

VE3WEJ
Dave Garber

10-X # 23465
echolink # 52852
irlp node 2202
email ve3wej@... <mailto:ve3wej%40rac.ca>
----- Original Message -----
From: Kevin Nathan
To: TS-850_450_690@ <mailto:TS-850_450_690%40yahoogroups.com>
yahoogroups.com
Sent: Friday, December 12, 2008 12:29 PM
Subject: [TS-850_450_690] Digital Modes

Hi All,

I am interested in running some digital modes with my 850, specifically RTTY, Pactor, MT63 and possibly PSK31. Aside from the stock filters I only have a 250 Hz CW filter in the 455 side. I am using the signalink USB as my interface. Can someone on the list who has run digital modes give me some suggestions please for filter settings and tuning to best use these modes?

thanks much and very 73.

Kevin :)
Amateur Radio: K7RX

[Non-text portions of this message have been removed]

No virus found in this incoming message.
Checked by AVG - http://www.avg.com
Version: 8.0.176 / Virus Database: 270.9.17/1845 - Release Date: 12/12/2008 09:02

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

7477. RE: [TS-850_450_690] Digital Modes

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-12-12 23:40:36 UTC
From: Kevin Nathan
Topic: 7473 Message: 7477

Thanks much Dave. I'll keep working here. So far, I don't seem to have copy on RTTY with MixW but will keep at it.

Take care and very 73.

Kevin :)
Amateur Radio: K7RX

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com] On Behalf Of ve3wej gmail
Sent: Friday, December 12, 2008 14:01
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] Digital Modes

depends on who you listen too.. the bandplan used to have rtty ALWAYS on lsb (is how i was told) but the advent of soundcard interfacing has stopped users from following that, they are following the bandplan of the band they are on NOT the mode. I on the other hand use rtty on lsb always, but shift from the dxspots (about 2.5 khz)..... psk (bpsk is usb) (qpsk is lsb, but never used qpsk).

most other modes follow the bandplan..

VE3WEJ
Dave Garber

10-X # 23465
echolink # 52852
irlp node 2202
email ve3wej@... <mailto:ve3wej%40rac.ca>
----- Original Message -----
From: Kevin Nathan
To: TS-850_450_690@ <mailto:TS-850_450_690%40yahoogroups.com> yahoogroups.com
Sent: Friday, December 12, 2008 4:32 PM
Subject: RE: [TS-850_450_690] Digital Modes

thanks Dave. How about USB versus LSB for RTTY and so on?

Again, thanks and 73.

Kevin :)
Amateur Radio: K7RX

From: TS-850_450_690@ <mailto:TS-850_450_690%40yahoogroups.com>
yahoogroups.com [mailto:TS-850_450_690@
<mailto:TS-850_450_690%40yahoogroups.com> yahoogroups.com]
On Behalf Of ve3wej gmail
Sent: Friday, December 12, 2008 13:10
To: TS-850_450_690@ <mailto:TS-850_450_690%40yahoogroups.com>
yahoogroups.com
Subject: Re: [TS-850_450_690] Digital Modes

since some modes are very narrow anyway, most receive will be whatever lets it show on the screen. for example psk is 31 hz wide, so putting on the 250 hz filter should still allow you to copy it. rtty is 170 hz wide, so same should apply. whereas sstv is 2.3mhz wide, so narrow filter should be OFF.

I have the 1.8 ssb filter, and it is too narrow for standard sstv, but works fine in other modes. the only drawback, with the narrow filter, is you cant see who is operating beside you ... could be the dx you are looking for

good luck

VE3WEJ
Dave Garber

10-X # 23465
echolink # 52852
irlp node 2202
email ve3wej@... <mailto:ve3wej%40rac.ca> <mailto:ve3wej%40rac.ca>
----- Original Message -----
From: Kevin Nathan
To: TS-850_450_690@ <mailto:TS-850_450_690%40yahoogroups.com>
yahoogroups.com
Sent: Friday, December 12, 2008 12:29 PM
Subject: [TS-850_450_690] Digital Modes

Hi All,

I am interested in running some digital modes with my 850, specifically RTTY, Pactor, MT63 and possibly PSK31. Aside from the stock filters I only have a 250 Hz CW filter in the 455 side. I am using the signalink USB as my interface. Can someone on the list who has run digital modes give me some suggestions please for filter settings and tuning to best use these modes?

thanks much and very 73.

Kevin :)
Amateur Radio: K7RX

[Non-text portions of this message have been removed]

No virus found in this incoming message.
Checked by AVG - http://www.avg. <http://www.avg.com> com
Version: 8.0.176 / Virus Database: 270.9.17/1845 - Release Date: 12/12/2008
09:02

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

No virus found in this incoming message.
Checked by AVG - http://www.avg.com
Version: 8.0.176 / Virus Database: 270.9.17/1845 - Release Date: 12/12/2008
09:02

[Non-text portions of this message have been removed]

7478. rtty

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-12-13 02:12:02 UTC
From: ve3wej gmail
Topic: 7478 Message: 7478

on right now 3599 lsb w1aw broadcast copy here is 100%

VE3WEJ
Dave Garber

10-X # 23465
echolink # 52852
irlp node 2202
email ve3wej@...

7479. WTB: Kenwood IF-232C

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-12-13 01:52:47 UTC
From: Tooner
Topic: 7479 Message: 7479

Hey group, I'm looking for a Kenwood IF-232C with cable. Anxiously waiting to get back on-the-air and haven't since buying my TS-450S this week. Drop me a line if you have one you'd like to unload.

I'm also looking for a good CW straight key.

Vy 73, de Frank K2NCC

7480. computer control of the TS-450*

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-12-13 02:14:50 UTC
From: Tooner
Topic: 7480 Message: 7480

I'm confused.

I see the IF-232C interface but I also see IF chips* that can be installed. So, if I have one, I don't need the other? Except the CAT cable of course.

I have no serial ports, what modern computer does, and would rather not have to put in a serial card.

What exactly is the best solution for computer control, via USB port?

(I looked around and didn't find an answer, but feel free to point me in the right direction if it's been covered as asked.)

f, k2ncc

*
http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=260288185838

7481. Re: [TS-850_450_690] WTB: Kenwood IF-232C

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-12-13 05:17:19 UTC
From: Tom Osborne
Topic: 7479 Message: 7481

Rather than the IF-232C, go to eBay and search for G4ZLP. Buy one of his cables. I have 3 of them here--2 on TS-450SAT's and 1 on a Yaesu. They work GREAT. 73
Tom W7WHY

> Hey group, I'm looking for a Kenwood IF-232C with cable. Anxiously
> waiting to get back on-the-air and haven't since buying my TS-450S
> this week. Drop me a line if you have one you'd like to unload.
>
> I'm also looking for a good CW straight key.
>
> Vy 73, de Frank K2NCC

7482. Re: [TS-850_450_690] computer control of the TS-450*

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-12-13 03:28:41 UTC
From: Mike Blazek
Topic: 7480 Message: 7482

Hi, Tooner:

You don't need the IC's for the 450 - those are for the older rigs like the TS-440 and R-5000. If you can't locate a real IF-232, I've had good luck with the IF-232PX made by Piexx. I've used it both with my TS-690 and the TS-790, although I made a cable with a right angle DIN plug to fit the 690's CAT port.

http://www.piexx.com/index.php?main_page=product_info&cPath=7&products_id=23

As far as USB adapters go, they can be a crapshoot - I use Keyspan adapters, which use a chipset made by FTDI. I've heard of people having problems with Belkin adapters but you may need to experiment to see what works best for you,

73,
Mike N5UKZ

Tooner wrote:
>
> I'm confused.
>
> I see the IF-232C interface but I also see IF chips* that can be
> installed. So, if I have one, I don't need the other? Except the CAT
> cable of course.
>
> I have no serial ports, what modern computer does, and would rather
> not have to put in a serial card.
>
> What exactly is the best solution for computer control, via USB port?
>
> (I looked around and didn't find an answer, but feel free to point me
> in the right direction if it's been covered as asked.)
>
> f, k2ncc
>
> *
> http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=260288185838
> <http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=260288185838>
>
>

7483. RE: [TS-850_450_690] WTB: Kenwood IF-232C

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-12-13 04:01:24 UTC
From: Kevin Nathan
Topic: 7479 Message: 7483

Hi Frank,

You might look at Hosenose.com. they sell the LCU-3K which is an interface built into the connector of a DB9 with a cable to the radio. It's cheaper than the IF-232C and works great. I bought one for my 850 and have no problems at all.

Good luck and very 73.

Kevin :)
Amateur Radio: K7RX

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of Tooner
Sent: Friday, December 12, 2008 17:53
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] WTB: Kenwood IF-232C

Hey group, I'm looking for a Kenwood IF-232C with cable. Anxiously waiting to get back on-the-air and haven't since buying my TS-450S this week. Drop me a line if you have one you'd like to unload.

I'm also looking for a good CW straight key.

Vy 73, de Frank K2NCC

No virus found in this incoming message.
Checked by AVG - http://www.avg.com
Version: 8.0.176 / Virus Database: 270.9.17/1845 - Release Date: 12/12/2008 09:02

[Non-text portions of this message have been removed]

7484. Re: [TS-850_450_690] WTB: Kenwood IF-232C

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-12-13 20:23:05 UTC
From: ve3wej gmail
Topic: 7479 Message: 7484

i have an original here if interested...

VE3WEJ
Dave Garber

10-X # 23465
echolink # 52852
irlp node 2202
email ve3wej@...
----- Original Message -----
From: Tooner
To: TS-850_450_690@yahoogroups.com
Sent: Friday, December 12, 2008 8:52 PM
Subject: [TS-850_450_690] WTB: Kenwood IF-232C

Hey group, I'm looking for a Kenwood IF-232C with cable. Anxiously waiting to get back on-the-air and haven't since buying my TS-450S this week. Drop me a line if you have one you'd like to unload.

I'm also looking for a good CW straight key.

Vy 73, de Frank K2NCC

[Non-text portions of this message have been removed]

7485. CW With DM780

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-12-14 00:19:20 UTC
From: Ronald Real
Topic: 7485 Message: 7485

I am using my TS-850Sat with Ham Radio Deluxe and DM 780. I am keying the radio with the cw key input. It works great, but I can't transmit on the other stations frequency. When I select the station in the waterfall, the filter pass band is centered 800 kc above the VFO frequency and the transmitter operates at the VFO freq. I have set the XIT 800 cycles above the VFO, no help. Of course if I use MCW, modulated CW in USB, the radio TRs on the same frequecy, but I want to use CW. What I am overlooking. I feel like I am in a forrest and can't see the trees.

Thanks, Ron WR5RR

7486. Re: [TS-850_450_690] CW With DM780

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-12-14 01:34:43 UTC
From: ve3wej gmail
Topic: 7485 Message: 7486

you may be transmitting in afsk, not cw.. transmitting audio via the mike jack....

VE3WEJ
Dave Garber

10-X # 23465
echolink # 52852
irlp node 2202
email ve3wej@...
----- Original Message -----
From: Ronald Real
To: TS-850_450_690@yahoogroups.com
Sent: Saturday, December 13, 2008 7:19 PM
Subject: [TS-850_450_690] CW With DM780

I am using my TS-850Sat with Ham Radio Deluxe and DM 780. I am keying the radio with the cw key input. It works great, but I can't transmit on the other stations frequency. When I select the station in the waterfall, the filter pass band is centered 800 kc above the VFO frequency and the transmitter operates at the VFO freq. I have set the XIT 800 cycles above the VFO, no help. Of course if I use MCW, modulated CW in USB, the radio TRs on the same frequecy, but I want to use CW. What I am overlooking. I feel like I am in a forrest and can't see the trees.

Thanks, Ron WR5RR

[Non-text portions of this message have been removed]

7487. Re: CW With DM780

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-12-14 01:35:25 UTC
From: Ronald Real
Topic: 7485 Message: 7487

Update, WhenI set the XIT 800 cycles above the VFO, the TX does shift. I guess I wasn't waiting long enough for the DM780 display to change. I would like to be able to zero beat the rx freq within the program. It seems to have that capability, with the TX lock-split transmit option, but I can't tell any tx difference.

Thanks, Ron WR5RR

--- In TS-850_450_690@yahoogroups.com, "Ronald Real" <wr5rr@...> wrote:
>
> I am using my TS-850Sat with Ham Radio Deluxe and DM 780. I am keying
> the radio with the cw key input. It works great, but I can't transmit
> on the other stations frequency. When I select the station in the
> waterfall, the filter pass band is centered 800 kc above the VFO
> frequency and the transmitter operates at the VFO freq. I have set
the
> XIT 800 cycles above the VFO, no help. Of course if I use MCW,
> modulated CW in USB, the radio TRs on the same frequecy, but I want
to
> use CW. What I am overlooking. I feel like I am in a forrest and
can't
> see the trees.
>
> Thanks, Ron WR5RR
>

7488. Re: CW With DM780

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-12-14 01:42:27 UTC
From: Ronald Real
Topic: 7485 Message: 7488

No I am connected to the CW key jack and transmitting CW. I have
nothing connected to the mic jack.

Ron WR5RR

--- In TS-850_450_690@yahoogroups.com, "ve3wej gmail" <ve3wej@...>
wrote:
>
> you may be transmitting in afsk, not cw.. transmitting audio via
the mike jack....
>
>
> VE3WEJ
> Dave Garber
>
> 10-X # 23465
> echolink # 52852
> irlp node 2202
> email ve3wej@...
> ----- Original Message -----
> From: Ronald Real
> To: TS-850_450_690@yahoogroups.com
> Sent: Saturday, December 13, 2008 7:19 PM
> Subject: [TS-850_450_690] CW With DM780
>
>
> I am using my TS-850Sat with Ham Radio Deluxe and DM 780. I am
keying
> the radio with the cw key input. It works great, but I can't
transmit
> on the other stations frequency. When I select the station in the
> waterfall, the filter pass band is centered 800 kc above the VFO
> frequency and the transmitter operates at the VFO freq. I have
set the
> XIT 800 cycles above the VFO, no help. Of course if I use MCW,
> modulated CW in USB, the radio TRs on the same frequecy, but I
want to
> use CW. What I am overlooking. I feel like I am in a forrest and
can't
> see the trees.
>
> Thanks, Ron WR5RR
>
>
>

>
>
> [Non-text portions of this message have been removed]
>

7489. Re: [TS-850_450_690] Re: CW With DM780

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-12-14 01:46:57 UTC
From: ve3wej gmail
Topic: 7485 Message: 7489

are you clicking on the cw incoming at the 800 hz mark, or just wherever you see him. i have not got the right sound card device to do cw, so i can only go so far in my help, sorry

VE3WEJ
Dave Garber

10-X # 23465
echolink # 52852
irlp node 2202
email ve3wej@...
----- Original Message -----
From: Ronald Real
To: TS-850_450_690@yahoogroups.com
Sent: Saturday, December 13, 2008 8:42 PM
Subject: [TS-850_450_690] Re: CW With DM780

No I am connected to the CW key jack and transmitting CW. I have nothing connected to the mic jack.

Ron WR5RR

--- In TS-850_450_690@yahoogroups.com, "ve3wej gmail" <ve3wej@...> wrote:
>
> you may be transmitting in afsk, not cw.. transmitting audio via the mike jack....
>
>
> VE3WEJ
> Dave Garber
>
> 10-X # 23465
> echolink # 52852
> irlp node 2202
> email ve3wej@...
> ----- Original Message -----
> From: Ronald Real
> To: TS-850_450_690@yahoogroups.com
> Sent: Saturday, December 13, 2008 7:19 PM
> Subject: [TS-850_450_690] CW With DM780
>
>
> I am using my TS-850Sat with Ham Radio Deluxe and DM 780. I am keying
> the radio with the cw key input. It works great, but I can't

transmit
> on the other stations frequency. When I select the station in the
> waterfall, the filter pass band is centered 800 kc above the VFO
> frequency and the transmitter operates at the VFO freq. I have
set the
> XIT 800 cycles above the VFO, no help. Of course if I use MCW,
> modulated CW in USB, the radio TRs on the same frequecy, but I
want to
> use CW. What I am overlooking. I feel like I am in a forrest and
can't
> see the trees.
>
> Thanks, Ron WR5RR
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

7490. Re: CW With DM780

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-12-14 02:21:19 UTC
From: Ronald Real
Topic: 7485 Message: 7490

Yes I am clicking on the station in the waterfall. I have set my tune at 800 cycles, so that is the center of my passband, 800 cycles above the VFO frequency. The XIT is a good work around, and maybe the only way it will work with the software.

Thanks Ron WR5RR

--- In TS-850_450_690@yahoogroups.com, "ve3wej gmail" <ve3wej@...> wrote:
>
> are you clicking on the cw incoming at the 800 hz mark, or just wherever you see him. i have not got the right sound card device to do cw, so i can only go so far in my help, sorry
>
> VE3WEJ
> Dave Garber
>
> 10-X # 23465
> echolink # 52852
> irlp node 2202
> email ve3wej@...
> ----- Original Message -----
> From: Ronald Real
> To: TS-850_450_690@yahoogroups.com
> Sent: Saturday, December 13, 2008 8:42 PM
> Subject: [TS-850_450_690] Re: CW With DM780
>
>
> No I am connected to the CW key jack and transmitting CW. I have
> nothing connected to the mic jack.
>
> Ron WR5RR
>
> --- In TS-850_450_690@yahoogroups.com, "ve3wej gmail" <ve3wej@>
> wrote:
> >
> > you may be transmitting in afsk, not cw.. transmitting audio via
> the mike jack....
> >
> >
> > VE3WEJ
> > Dave Garber
> >
> > 10-X # 23465

> > echolink # 52852
> > irlp node 2202
> > email ve3wej@
> > ----- Original Message -----
> > From: Ronald Real
> > To: TS-850_450_690@yahoogroups.com
> > Sent: Saturday, December 13, 2008 7:19 PM
> > Subject: [TS-850_450_690] CW With DM780
> >
> >
> > I am using my TS-850Sat with Ham Radio Deluxe and DM 780. I am
> keying
> > the radio with the cw key input. It works great, but I can't
> transmit
> > on the other stations frequency. When I select the station in
the
> > waterfall, the filter pass band is centered 800 kc above the
VFO
> > frequency and the transmitter operates at the VFO freq. I have
> set the
> > XIT 800 cycles above the VFO, no help. Of course if I use MCW,
> > modulated CW in USB, the radio TRs on the same frequecy, but I
> want to
> > use CW. What I am overlooking. I feel like I am in a forrest
and
> can't
> > see the trees.
> >
> > Thanks, Ron WR5RR
> >
> >
> >
> >
> >
> > [Non-text portions of this message have been removed]
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>
> [Non-text portions of this message have been removed]
>

7491. Re: CW With DM780

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-12-14 04:03:28 UTC
From: Ronald Real
Topic: 7485 Message: 7491

Tune the station in and press the tune button and zero beat with VFO.
I monitored my TS-850 output with my TS-2000. Yes it was on the same
frequency. It has been awhile since I have operated CW, and I didn't
take into account that the other station was receiving my offset
frequency. I just got concerned when I was transmitting below the rx
freq in the waterfall! Of course I would be!! Anyway I got it now.
Thanks, I'm back on track. Just spoiled using PSK and SSB.

73 and Thanks

Ron WR5RR

--- In TS-850_450_690@yahoogroups.com, "Ronald Real" <wr5rr@...>
wrote:
>
> Yes I am clicking on the station in the waterfall. I have set my
tune
> at 800 cycles, so that is the center of my passband, 800 cycles
above
> the VFO frequency. The XIT is a good work around, and maybe the
only
> way it will work with the software.
>
> Thanks Ron WR5RR
>
> --- In TS-850_450_690@yahoogroups.com, "ve3wej gmail" <ve3wej@>
> wrote:
> >
> > are you clicking on the cw incoming at the 800 hz mark, or just
> wherever you see him. i have not got the right sound card device
to
> do cw, so i can only go so far in my help, sorry
> >
> > VE3WEJ
> > Dave Garber
> >
> > 10-X # 23465
> > echolink # 52852
> > irlp node 2202
> > email ve3wej@
> > ----- Original Message -----
> > From: Ronald Real
> > To: TS-850_450_690@yahoogroups.com
> > Sent: Saturday, December 13, 2008 8:42 PM
> > Subject: [TS-850_450_690] Re: CW With DM780
> >

> >
> > No I am connected to the CW key jack and transmitting CW. I
have
> > nothing connected to the mic jack.
> >
> > Ron WR5RR
> >

7492. Re:Digital Modes

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-12-14 13:42:53 UTC
From: bud Thompson
Topic: 7473 Message: 7492

Hi, Kevin

I've been using a Kenwood TS-850S on digital 24/7 since 1992.

I run a WL2K RMS Pactor station with the radio. (www.winlink.org)

Pactor currently has three speeds, P1, P2, and P3. P1 and P2 will work well within 500Hz bandwidth, P3 requires 2.4Khz for max speed and will not work in 500Hz bandwidth.

WL2K RMS Pactor AFSK uses the standard USB on all bands. In the 850 I leave both 8.83MHz and 450KHz IF filters in 2.7Khz wide for all Pactor work.

(In my ICOM IC746Pro - where the WL2K RMS Pactor CAT can control the DSB filters, 700Hz is a good choice for P1,P2.)

If you have Pactor support with a sound card it will be P1 only as the P2/P3 speeds are proprietary to SCS and the PTC series of data terminals. Actually, I'm not sure if any sound card software will TX Pactor, but some will RX.

Remember that when using AFSK for these legacy data modes (RTTY, Pactor, AMTOR) the actual RF frequency (mark, space) is no longer the dial frequency. Operating "channels" may be designated by Center Frequency to confuse us even more! More confusion is added by needing to select the proper M/S audio tones for sideband filters resulting in the Center Audio Frequency being important!

Center audio frequency of 1.500KHz is a basic standard for these modes when using AFSK - at least for Pactor. This puts the received audio in a good position for the standard SSB filters in voice radios.

The USB dial frequency will be Center RF Frequency minus the Center audio frequency.

Example: Specified channel frequency of 10133.9 KHz requires

USB dial frequency = 10133.9 -1.500 = 10132.4 KHz

I've not yet had experience with sound card modes - but my Xmas present arrives next Tuesday - a Signal Link USB box!

Good luck - you'll love the 850 for digital modes.

73,
bud N0IA

No virus found in this outgoing message.
Checked by AVG - http://www.avg.com

Version: 8.0.176 / Virus Database: 270.9.17/1847 - Release Date: 12/13/2008 4:56 PM

[Non-text portions of this message have been removed]

7493. TS-850 display

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-12-15 01:20:11 UTC
From: Brian G.
Topic: 7493 Message: 7493

Has anybody on the list here ever had this happen to them.

The word, "HELP" come up on the display?

I was operating the 10m contest on Saturday and had my voice keyer doing the talking and saw the word, HELP come up on the display, so I shut it down,

went to a different radio,

then on Sunday had the same radio my 850 and the voice keyer, and same thing happened, HELP came up again.

Any clues as to what is going on.

Thanks and 73,

Brian
KA5BKG

7494. Re: TS-850 display

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-12-15 13:05:01 UTC
From: ik8vze
Topic: 7493 Message: 7494

how long you have in transmitting the final stage?, I remember that
once happened to me because of the long period of time in
transmission.
When you have reactivated the time the transceiver you noticed how
much power was out, because when it goes into protection for
overheating does not go out more 'than 10 watts and reports help, or
you need to check the power source we can' be a lowering of tension
dilavoro 13.8 volts
73 de ik8vze espedito
--- In TS-850_450_690@yahoogroups.com, "Brian G." <ka5bkg@...> wrote:
>
> Has anybody on the list here ever had this happen to them.
>
> The word, "HELP" come up on the display?
>
> I was operating the 10m contest on Saturday and had my voice keyer
> doing the talking and saw the word, HELP come up on the display, so
I
> shut it down,
>
> went to a different radio,
>
> then on Sunday had the same radio my 850 and the voice keyer, and
same
> thing happened, HELP came up again.
>
> Any clues as to what is going on.
>
> Thanks and 73,
>
> Brian
> KA5BKG
>

7495. Re: [TS-850_450_690] Re: TS-850 display

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-12-16 01:34:39 UTC
From: Brian K. Gaskamp
Topic: 7493 Message: 7495

Nothing out of the ordinary, calling CQ contest, which took abt 5 sec, waiting 10 seconds, then calling CQ again.

Brian
KA5BKG
----- Original Message -----
From: ik8vze
To: TS-850_450_690@yahoogroups.com
Sent: Monday, December 15, 2008 7:05 AM
Subject: [TS-850_450_690] Re: TS-850 display

how long you have in transmitting the final stage?, I remember that
once happened to me because of the long period of time in
transmission.
When you have reactivated the time the transceiver you noticed how
much power was out, because when it goes into protection for
overheating does not go out more 'than 10 watts and reports help, or
you need to check the power source we can' be a lowering of tension
dilavoro 13.8 volts
73 de ik8vze espedito
--- In TS-850_450_690@yahoogroups.com, "Brian G." <ka5bkg@...> wrote:
>
> Has anybody on the list here ever had this happen to them.
>
> The word, "HELP" come up on the display?
>
> I was operating the 10m contest on Saturday and had my voice keyer
> doing the talking and saw the word, HELP come up on the display, so
I
> shut it down,
>
> went to a different radio,
>
> then on Sunday had the same radio my 850 and the voice keyer, and
same
> thing happened, HELP came up again.
>
> Any clues as to what is going on.
>
> Thanks and 73,
>
> Brian
> KA5BKG
>

[Non-text portions of this message have been removed]

7496. TS-850s Microphone Input Problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-12-16 14:32:27 UTC
From: dm4dx
Topic: 7496 Message: 7496

Hi all,

during a contest I connected the Mike Input with the output of the PC soundcard and used this config in connection with VOX as a calling routine. It worked ok, but the last days I noted that when connecting my MC-60 the modulation is distorted.

I think I've overdriven the mike input while using the soundcard... What might have gone bad? I really think that this is a defect caused by the contest setup.

Any suggestions how the problem can be solved? Is there a protection circuit which has to be repaired?

Thanks in advance,

Chris

7497. Re: [TS-850_450_690] TS-850s Microphone Input Problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-12-16 14:57:11 UTC
From: ve3wej gmail
Topic: 7496 Message: 7497

some sound card connections do NOT mute the front mike , so it is live.. i beleive pin 9 has to be jumpered (via diode) to pin 13 if you are using the 13 pin din like I am for sound card connection.. some interfaces do NOT have that connection.

VE3WEJ
Dave Garber

10-X # 23465
echolink # 52852
irlp node 2202
email ve3wej@...
----- Original Message -----
From: dm4dx
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, December 16, 2008 9:32 AM
Subject: [TS-850_450_690] TS-850s Microphone Input Problem

Hi all,

during a contest I connected the Mike Input with the output of the PC soundcard and used this config in connection with VOX as a calling routine. It worked ok, but the last days I noted that when connecting my MC-60 the modulation is distorted.

I think I've overdriven the mike input while using the soundcard... What might have gone bad? I really think that this is a defect caused by the contest setup.

Any suggestions how the problem can be solved? Is there a protection circuit which has to be repaired?

Thanks in advance,

Chris

[Non-text portions of this message have been removed]

7498. Re: TS-850s Microphone Input Problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-12-17 08:44:37 UTC
From: dm4dx
Topic: 7496 Message: 7498

Thanks for the input Dave, but the problem is that I have a distortion even when the interface is not connected. And that problem hasn't been there before using the interface. So I assume that the problem was caused by too high input level into the "Mike-in" at the radio from the soundcard out.

7499. ts-450s display

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-12-17 05:02:55 UTC
From: gubo99
Topic: 7499 Message: 7499

got ts-450 five days ago and seems to be everything ok but display look like is not bright as should be...or mayby it is,...is there any posibility to switch beetween dim and normal display light on ts450???
tnx for info 73 de k4mdx

7500. 850 alignment questions

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-12-17 06:18:20 UTC
From: Steve Foster
Topic: 7500 Message: 7500

Pll section alignment step 4 display 30khz, Method +2.3 v+-0.03. Is this correct? I measure 6.313?? TC5 is set at 20.000.000hz.
Also, what type of tool is used to adjust tc1-tc4 on pll unit? mine seem to need a square tweaker and they seem to be filled with some kind of goo? Thanks in advance.
Steev WB5OMP

7501. correction on last post

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-12-17 07:02:41 UTC
From: Steve Foster
Topic: 7501 Message: 7501

Voltage should read 1.298. Cockpit error. Still the issue remains on
what tool to adjust tc 1-4 on the pll, and tc1 on vco2.
Thanks again
Steve WB5OMP

7502. Re: [TS-850_450_690] ts-450s display

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-12-17 15:04:02 UTC
From: ve3wej gmail
Topic: 7499 Message: 7502

sorry i dont have that radio, but if there is a way to dim, it should be in the manual, sorry

VE3WEJ
Dave Garber

10-X # 23465
echolink # 52852
irlp node 2202
email ve3wej@...
----- Original Message -----
From: gubo99
To: TS-850_450_690@yahoogroups.com
Sent: Wednesday, December 17, 2008 12:02 AM
Subject: [TS-850_450_690] ts-450s display

got ts-450 five days ago and seems to be everything ok but display look like is not bright as should be...or mayby it is,...is there any posibility to switch beetween dim and normal display light on ts450???
tnx for info 73 de k4mdx

[Non-text portions of this message have been removed]

7503. Re: ts-450s display

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-12-17 16:42:11 UTC
From: gubo99
Topic: 7499 Message: 7503

--- In TS-850_450_690@yahoogroups.com, "ve3wej gmail" <ve3wej@...>
wrote:
>
> sorry i dont have that radio, but if there is a way to dim, it
should be in the manual, sorry
>
> VE3WEJ
> Dave Garber
>
> 10-X # 23465
> echolink # 52852
> irlp node 2202
> email ve3wej@...
> ----- Original Message -----
> From: gubo99
> To: TS-850_450_690@yahoogroups.com
> Sent: Wednesday, December 17, 2008 12:02 AM
> Subject: [TS-850_450_690] ts-450s display
>
>
> got ts-450 five days ago and seems to be everything ok but
display look
> like is not bright as should be...or mayby it is,...is there any
> posibility to switch beetween dim and normal display light on
> ts450???
> tnx for info 73 de k4mdx
>
>
>
>
>
> [Non-text portions of this message have been removed]
>i will look in manual agn,i did not see that option but must go agn
thru manual...tnx 73 dek4mdx

7504. Gas arrestor ts-850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-12-19 09:26:01 UTC
From: subriaus
Topic: 7504 Message: 7504

Hi

This concerns the TS-850

Does anyone have any data on this gas arrestor or where it´s possible to get one. I guess the parts no is KDSA301LA .

Is it possible to put any other kind of transient arrestor (i have some) as a replacement ?

Thanks

Frank

7505. packet radio

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-12-19 18:07:00 UTC
From: John Parker
Topic: 7504 Message: 7505

I own a Kenwood TS-450SAT and have just recently lost my hearing. Hoping that hearing aids will help here in the near future.

That aside, I think I would like to explore packet, etc. using my 450SAT.

Does anyone on the list know if this can be used for that?

I□m working on obtaining an older AEA 232MBX but it doesn□t have 9600 baud external modem which I will need to look into.

73,

John KD7KFT

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of subriaus
Sent: Friday, December 19, 2008 1:26 AM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] Gas arrestor ts-850

Hi

This concerns the TS-850

Does anyone have any data on this gas arrestor or where it´s possible to get one. I guess the parts no is KDSA301LA .

Is it possible to put any other kind of transient arrestor (i have some) as a replacement ?

Thanks

Frank

[Non-text portions of this message have been removed]

7506. Re: packet radio

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-12-19 20:02:30 UTC
From: Ronald Ellwood-Thompson
Topic: 7504 Message: 7506

Hi,
Surely the answer for you is PSK31, If you Google it you will see how easy it is to use it for daily QSOs all over the world.
Best 73s.
Ron (GW1HIN)

--- In TS-850_450_690@yahoogroups.com, "John Parker" <parkjv1@...> wrote:
>
> I own a Kenwood TS-450SAT and have just recently lost my hearing. Hoping
> that hearing aids will help here in the near future.
>
>
>
> That aside, I think I would like to explore packet, etc. using my 450SAT.
>
>
>
> Does anyone on the list know if this can be used for that?
>
>
>
> I'm working on obtaining an older AEA 232MBX but it doesn't have 9600 baud
> external modem which I will need to look into.
>
>
>
> 73,
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>
>
> John KD7KFT
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>
>
>
> _____
>
> From: TS-850_450_690@yahoogroups.com [mailto:TS-
850_450_690@yahoogroups.com]
> On Behalf Of subriaus
> Sent: Friday, December 19, 2008 1:26 AM
> To: TS-850_450_690@yahoogroups.com
> Subject: [TS-850_450_690] Gas arrestor ts-850
>
>
>
>
> Hi
>
> This concerns the TS-850
>
> Does anyone have any data on this gas arrestor or where it´s
possible
> to get one. I guess the parts no is KDSA301LA .
>
> Is it possible to put any other kind of transient arrestor (i have
> some) as a replacement ?
>
> Thanks
>
> Frank
>
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

7507. Re: packet radio

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-12-20 01:10:57 UTC
From: Roland Spoon
Topic: 7504 Message: 7507

You can only use 300 baud on HF so the 9600 baud is mute. As for what Ronald said PSK-31 is the way to go using an inexpencive interface such as the Tigertronics Signalink USB or many others there is many digital modes that far surpass packet. Have fun and 73
Roland AH6RR

--- In TS-850_450_690@yahoogroups.com, "John Parker" <parkjv1@...> wrote:
>
> I own a Kenwood TS-450SAT and have just recently lost my hearing. Hoping
> that hearing aids will help here in the near future.
>
>
>
> That aside, I think I would like to explore packet, etc. using my 450SAT.
>
>
>
> Does anyone on the list know if this can be used for that?
>
>
>
> I'm working on obtaining an older AEA 232MBX but it doesn't have 9600 baud
> external modem which I will need to look into.
>
>
>
> 73,
>
>
>
> John KD7KFT
>
>
>
>
>
>
>
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>
>
>

>
>
>
> _____
>
> From: TS-850_450_690@yahoogroups.com [mailto:TS-
850_450_690@yahoogroups.com]
> On Behalf Of subriaus
> Sent: Friday, December 19, 2008 1:26 AM
> To: TS-850_450_690@yahoogroups.com
> Subject: [TS-850_450_690] Gas arrestor ts-850
>
>
>
>
> Hi
>
> This concerns the TS-850
>
> Does anyone have any data on this gas arrestor or where it´s
possible
> to get one. I guess the parts no is KDSA301LA .
>
> Is it possible to put any other kind of transient arrestor (i have
> some) as a replacement ?
>
> Thanks
>
> Frank
>
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

7508. Re: [TS-850_450_690] packet radio

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-12-20 01:32:36 UTC
From: ve3wej gmail
Topic: 7504 Message: 7508

>I own a Kenwood TS-450SAT and have just recently lost my hearing. Hoping that hearing aids will help here in the near future. That aside, I think I would like to explore packet, etc. using my 450SAT.

Does anyone on the list know if this can be used for that?

any radio can be used for any modes

I'm working on obtaining an older AEA 232MBX but it doesn't have 9600 baud external modem which I will need to look into.

hf packet only uses 300 baud, NOT 9600 for normal packet, so adding 9600 modem added to your pk232 is NOT needed. other modes can be done as well if you have sound card interface etc.

[Non-text portions of this message have been removed]

7509. Re: Gas arrestor ts-850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-12-21 02:17:24 UTC
From: Joe
Topic: 7504 Message: 7509

You need this one?
http://groups.yahoo.com/group/TS-850_450_690/photos/album/304758952/pic/1288110345/view?picmode=&mode=tn&order=ordinal&start=1&count=20&dir=asc
I got it at my local dealer 1 day
73 Joe

--- In TS-850_450_690@yahoogroups.com, "subriaus" <fravin@...> wrote:
>
>
> Hi
>
> This concerns the TS-850
>
> Does anyone have any data on this gas arrestor or where it´s possible
> to get one. I guess the parts no is KDSA301LA .
>
> Is it possible to put any other kind of transient arrestor (i have
> some) as a replacement ?
>
> Thanks
>
> Frank
>

7510. Follow up to '450 access - battery replaced

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-12-21 16:13:40 UTC
From: yah121d
Topic: 7510 Message: 7510

Well many thanks for those that pointed me in the right direction.
Lids off and now (eventually) battery replaced.

Guides (and links to) were very useful (essential really) although a
note to check clearance of filter tops to bench wouldn't go amiss.

My holder on a mini-pcb, expertly heat-shrinked to protect to bottom
terms was a wasted effort - in the end it didn't fit in the gap.

In the end I've fitted the '2032 holder on pcb in the original
battery position and slid a new cr2032 in. Not an easy task.

Main bug bears were:-
original looked fine, measured nearly 3.2v,
pain to get out of the pcb (interference fit pins!) - destroyed on
removal,
original looked fine when removed - not sure this job was worth
doing.

To note, rig seems to have remembered everything. Odd as it stood a
while with no backup and I even shorted the lines proving the holder.

7511. How to directly record RX audio with DRU-2 (TS-850) ?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-12-26 11:29:43 UTC
From: Thomas Hohlfeld
Topic: 7511 Message: 7511

Hello everybody,
I recently bought a used TS-850 with the DRU-2 unit installed (DRU-2px). It perfectly records microphone input, but I could not figure out how to directly record received audio independent of the microphone and speaker.
The service manual (page 191) indicates that the DRU-2 should be able for directly recording RX audio, provided its input multiplexer (IC1) is switched accordingly via the VOA and VOB lines. Does anybody know how direct recording is activated? Perhaps there is a menu switch I have not recognized so far.
73 and tnx for any helping comment,
Thomas, DF5KF

7512. TS-450S and SM-220????

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-12-26 19:08:30 UTC
From: John Parker
Topic: 7511 Message: 7512

Does anyone know what the IF freq for the TS-450S is?

I was wondering if it would be possible to connect an SM-220? I don't own a 220.

73,

John KD7KFT

[Non-text portions of this message have been removed]

7513. Re: [TS-850_450_690] TS-450S and SM-220????

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-12-26 22:12:17 UTC
From: condor@mags.net
Topic: 7511 Message: 7513

I have an SM-220 with a BS-8 installed, that I plan to put up on eBay if
you are interested.

Paul - K2BK

John Parker wrote:
>
> Does anyone know what the IF freq for the TS-450S is?
>
> I was wondering if it would be possible to connect an SM-220? I don't
> own a
> 220.
>
> 73,
>
> John KD7KFT
>
> [Non-text portions of this message have been removed]
>
>

7514. Re: [TS-850_450_690] TS-450S and SM-220????

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-12-26 22:15:59 UTC
From: ve3wej gmail
Topic: 7511 Message: 7514

ts850 is 8.83, 450 should be the same, and should be mentioned in the manual

VE3WEJ
Dave Garber

10-X # 23465
echolink # 52852
irlp node 2202
email ve3wej@...
----- Original Message -----
From: John Parker
To: TS-850_450_690@yahoogroups.com
Sent: Friday, December 26, 2008 2:08 PM
Subject: [TS-850_450_690] TS-450S and SM-220????

Does anyone know what the IF freq for the TS-450S is?

I was wondering if it would be possible to connect an SM-220? I don't own a
220.

73,

John KD7KFT

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

7515. RE: [TS-850_450_690] TS-450S and SM-220????

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-12-26 22:37:22 UTC
From: John Parker
Topic: 7511 Message: 7515

How much? Shipping to to 98101 and do you accept paypal?

John KD7KFT

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of condor@...
Sent: Friday, December 26, 2008 2:12 PM
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] TS-450S and SM-220????

I have an SM-220 with a BS-8 installed, that I plan to put up on eBay if
you are interested.

Paul - K2BK

John Parker wrote:
>
> Does anyone know what the IF freq for the TS-450S is?
>
> I was wondering if it would be possible to connect an SM-220? I don't
> own a
> 220.
>
> 73,
>
> John KD7KFT
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

7516. Re: [TS-850_450_690] TS-450S and SM-220????

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-12-27 01:11:23 UTC
From: ve3wej gmail
Topic: 7511 Message: 7516

isnt this something that should be asked and replied off the user group.... just curious

VE3WEJ
Dave Garber

10-X # 23465
echolink # 52852
irlp node 2202
email ve3wej@...
----- Original Message -----
From: John Parker
To: TS-850_450_690@yahoogroups.com
Sent: Friday, December 26, 2008 5:37 PM
Subject: RE: [TS-850_450_690] TS-450S and SM-220????

How much? Shipping to to 98101 and do you accept paypal?

John KD7KFT

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of condor@...
Sent: Friday, December 26, 2008 2:12 PM
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] TS-450S and SM-220????

I have an SM-220 with a BS-8 installed, that I plan to put up on eBay if
you are interested.

Paul - K2BK

John Parker wrote:
>
> Does anyone know what the IF freq for the TS-450S is?
>
> I was wondering if it would be possible to connect an SM-220? I don't
> own a
> 220.
>
> 73,
>
> John KD7KFT
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

7517. RE: [TS-850_450_690] TS-450S and SM-220????

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-12-27 01:14:32 UTC
From: John Parker
Topic: 7511 Message: 7517

Sorry,

I hit reply to all.

I promise I won't let it happen again.

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of ve3wej gmail
Sent: Friday, December 26, 2008 5:11 PM
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] TS-450S and SM-220????

isnt this something that should be asked and replied off the user group....
just curious

VE3WEJ
Dave Garber

10-X # 23465
echolink # 52852
irlp node 2202
email ve3wej@... <mailto:ve3wej%40rac.ca>
----- Original Message -----
From: John Parker
To: TS-850_450_690@ <mailto:TS-850_450_690%40yahoogroups.com>
yahoogroups.com
Sent: Friday, December 26, 2008 5:37 PM
Subject: RE: [TS-850_450_690] TS-450S and SM-220????

How much? Shipping to to 98101 and do you accept paypal?

John KD7KFT

From: TS-850_450_690@ <mailto:TS-850_450_690%40yahoogroups.com>
yahoogroups.com [mailto:TS-850_450_690@
<mailto:TS-850_450_690%40yahoogroups.com> yahoogroups.com]
On Behalf Of condor@mags. <mailto:condor%40mags.net> net
Sent: Friday, December 26, 2008 2:12 PM
To: TS-850_450_690@ <mailto:TS-850_450_690%40yahoogroups.com>
yahoogroups.com
Subject: Re: [TS-850_450_690] TS-450S and SM-220????

I have an SM-220 with a BS-8 installed, that I plan to put up on eBay if
you are interested.

Paul - K2BK

John Parker wrote:
>
> Does anyone know what the IF freq for the TS-450S is?
>
> I was wondering if it would be possible to connect an SM-220? I don't
> own a
> 220.
>
> 73,
>
> John KD7KFT
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

7518. LDG KT-100 Tuner

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2008-12-27 18:19:54 UTC
From: Crownhaven
Topic: 7518 Message: 7518

Anyone tried the KT-100 tuner? This is an LDG auto-tuner, outboard, designed to replace the Kenwood AT-300. Works off the front panel of most Kenwood radios. I have a TS-850S (no tuner) and was thinking about one. Much cheaper than the AT-850 and easier to find too!!!!!

Steve, N4JQQ

7520. really dumb question on ts-450

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-01-08 19:32:52 UTC
From: wd0bwm
Topic: 7520 Message: 7520

Hello to all,

After all the years I have owned my TS-450S, I just noticed something I have to ask about that I don't see in the manual. I use a paddle and MFJ keyer for CW and have for a long time. Works fine.
OK, with the Keyer plugged into the back of the rig, and mode in CW and carrier up, I cannot key the rig and check output using the Send-Receive button on the left side of the rig. I have to use the key to do this. If I unplug the keyer from the 450, then the Send-Receive button works to check power out.

Is this correct??

Thanks for any input,

Don
wd0bwm

7521. Re: [TS-850_450_690] really dumb question on ts-450

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-01-08 20:22:16 UTC
From: Kurt Cathcart
Topic: 7520 Message: 7521

That is exactly how mine works.

-Kurt
kr2c

----- Original Message -----
From: wd0bwm
To: TS-850_450_690@yahoogroups.com
Sent: Thursday, January 08, 2009 2:32 PM
Subject: [TS-850_450_690] really dumb question on ts-450

Hello to all,

After all the years I have owned my TS-450S, I just noticed something I have to ask about that I don't see in the manual. I use a paddle and MFJ keyer for CW and have for a long time. Works fine.
OK, with the Keyer plugged into the back of the rig, and mode in CW and carrier up, I cannot key the rig and check output using the Send-Receive button on the left side of the rig. I have to use the key to do this. If I unplug the keyer from the 450, then the Send-Receive button works to check power out.

Is this correct??

Thanks for any input,

Don
wd0bwm

[Non-text portions of this message have been removed]

7522. Re: really dumb question on ts-450

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-01-08 22:39:43 UTC
From: wd0bwm
Topic: 7520 Message: 7522

Thanks for confirming I haven't gone nuts. Guess that is the design
I never noticed.

Take care

Don
wd0bwm

--- In TS-850_450_690@yahoogroups.com, "Kurt Cathcart" <kurt@...>
wrote:
>
> That is exactly how mine works.
>
> -Kurt
> kr2c
>
> ----- Original Message -----
> From: wd0bwm
> To: TS-850_450_690@yahoogroups.com
> Sent: Thursday, January 08, 2009 2:32 PM
> Subject: [TS-850_450_690] really dumb question on ts-450
>
>
> Hello to all,
>
> After all the years I have owned my TS-450S, I just noticed
something
> I have to ask about that I don't see in the manual. I use a
paddle
> and MFJ keyer for CW and have for a long time. Works fine.
> OK, with the Keyer plugged into the back of the rig, and mode in
CW
> and carrier up, I cannot key the rig and check output using the
Send-
> Receive button on the left side of the rig. I have to use the
key to
> do this. If I unplug the keyer from the 450, then the Send-
Receive
> button works to check power out.
>
> Is this correct??
>
> Thanks for any input,
>
> Don
> wd0bwm

>
>
>
>
>
> [Non-text portions of this message have been removed]
>

7523. Re: [TS-850_450_690] really dumb question on ts-450

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-01-09 02:31:28 UTC
From: Tom Osborne
Topic: 7520 Message: 7523

I just switch it to FSK, then the send button works. 73
Tom W7WHY

> Hello to all,
>
> After all the years I have owned my TS-450S, I just noticed something
> I have to ask about that I don't see in the manual. I use a paddle
> and MFJ keyer for CW and have for a long time. Works fine.
> OK, with the Keyer plugged into the back of the rig, and mode in CW
> and carrier up, I cannot key the rig and check output using the Send-
> Receive button on the left side of the rig. I have to use the key to
> do this. If I unplug the keyer from the 450, then the Send-Receive
> button works to check power out.
>
> Is this correct??
>
> Thanks for any input,
>
> Don
> wd0bwm

7524. Re: really dumb question on ts-450

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-01-09 15:35:55 UTC
From: wd0bwm
Topic: 7520 Message: 7524

Thanks Tom, That works too but you knew that.

Don, wd0bwm

--- In TS-850_450_690@yahoogroups.com, "Tom Osborne" <w7why@...>
wrote:
>
> I just switch it to FSK, then the send button works. 73
> Tom W7WHY
>
>
>
>
> > Hello to all,
> >
> > After all the years I have owned my TS-450S, I just noticed
something
> > I have to ask about that I don't see in the manual. I use a
paddle
> > and MFJ keyer for CW and have for a long time. Works fine.
> > OK, with the Keyer plugged into the back of the rig, and mode in
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> > and carrier up, I cannot key the rig and check output using the
Send-
> > Receive button on the left side of the rig. I have to use the
key to
> > do this. If I unplug the keyer from the 450, then the Send-
Receive
> > button works to check power out.
> >
> > Is this correct??
> >
> > Thanks for any input,
> >
> > Don
> > wd0bwm
>

7525. Kenwood TS-850 runnign with the LP=PAN Panadapter

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-01-13 17:29:11 UTC
From: Mike Christiansen
Topic: 7525 Message: 7525

Hey guys,

I though this might interest you. Check out my TS-850s running with
the LP-PAN and WINRAD on my iMAC and the MacLogger software

http://www.youtube.com/watch?v=yJRr7EikjhI&feature=channel_page

Mike, N4GW

7526. TS-850 and Amp

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-01-14 16:19:50 UTC
From: Kevin Nathan
Topic: 7526 Message: 7526

Hi All,

I am about to acquire an Amp Supply LK-500ZC which I intend to run with my TS-850. My question to the group is as follows. Does the linear amp relay in the 850 have enough muscle to switch the amp or am I best to run the Burghardt relay box I have available here? I would like to switch directly if possible but don't want to hurt the 850. Also, does anyone know if the ALC voltages are compatible?

thanks much all and very 73.

Kevin :)
Amateur Radio: K7RX

7527. Re: [TS-850_450_690] TS-850 and Amp

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-01-14 17:48:32 UTC
From: Crownhaven
Topic: 7526 Message: 7527

I ran an LK-500ZC with my TS-850S and it worked fine. I didn't see the power out of it that I did with my TS-830S but that is to be expected. The LK-500ZC is a great amp. I wish I still had mine. UPS destroyed it unfortunately. Now using Drake L-7 which works equally well.

Steve, N4JQQ

Kevin Nathan wrote:
>
> Hi All,
>
> I am about to acquire an Amp Supply LK-500ZC which I intend to run with my
> TS-850. My question to the group is as follows. Does the linear amp relay
> in the 850 have enough muscle to switch the amp or am I best to run the
> Burghardt relay box I have available here? I would like to switch directly
> if possible but don't want to hurt the 850. Also, does anyone know if the
> ALC voltages are compatible?
>
> thanks much all and very 73.
>
> Kevin :)
> Amateur Radio: K7RX
>
>

7528. RE: [TS-850_450_690] TS-850 and Amp

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-01-15 00:36:08 UTC
From: Kevin Nathan
Topic: 7526 Message: 7528

thanks much Steve,

I'm glad to hear that. I'm assuming you just used the relay in the 850 to switch. is that right.

thanks again and very 73.

Kevin :)
Amateur Radio: K7RX

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com] On Behalf Of Crownhaven
Sent: Wednesday, January 14, 2009 09:49
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] TS-850 and Amp

I ran an LK-500ZC with my TS-850S and it worked fine. I didn't see the power out of it that I did with my TS-830S but that is to be expected. The LK-500ZC is a great amp. I wish I still had mine. UPS destroyed it unfortunately. Now using Drake L-7 which works equally well.

Steve, N4JQQ

Kevin Nathan wrote:
>
> Hi All,
>
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> TS-850. My question to the group is as follows. Does the linear amp relay
> in the 850 have enough muscle to switch the amp or am I best to run the
> Burghardt relay box I have available here? I would like to switch directly
> if possible but don't want to hurt the 850. Also, does anyone know if the
> ALC voltages are compatible?
>
> thanks much all and very 73.
>
> Kevin :)
> Amateur Radio: K7RX
>
>

No virus found in this incoming message.
Checked by AVG - http://www.avg.com
Version: 8.0.176 / Virus Database: 270.10.7/1893 - Release Date: 1/14/2009 06:59

[Non-text portions of this message have been removed]

7529. Re: [TS-850_450_690] TS-850 and Amp

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-01-15 03:20:47 UTC
From: Crownhaven
Topic: 7526 Message: 7529

Yes, straight from the rig to the amp. Nothing in between that I recall.

Kevin Nathan wrote:
>
> thanks much Steve,
>
> I'm glad to hear that. I'm assuming you just used the relay in the 850 to
> switch. is that right.
>
> thanks again and very 73.
>
>
> Kevin :)
> Amateur Radio: K7RX
>
> _____
>
> From: TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>
> [mailto:TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>]
> On Behalf Of Crownhaven
> Sent: Wednesday, January 14, 2009 09:49
> To: TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>
> Subject: Re: [TS-850_450_690] TS-850 and Amp
>
> I ran an LK-500ZC with my TS-850S and it worked fine. I didn't see the
> power out of it that I did with my TS-830S but that is to be expected.
> The LK-500ZC is a great amp. I wish I still had mine. UPS destroyed it
> unfortunately. Now using Drake L-7 which works equally well.
>
> Steve, N4JQQ
>
> Kevin Nathan wrote:
> >
> > Hi All,
> >
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> relay
> > in the 850 have enough muscle to switch the amp or am I best to run the
> > Burghardt relay box I have available here? I would like to switch
> directly

> > if possible but don't want to hurt the 850. Also, does anyone know
> if the
> > ALC voltages are compatible?
> >
> > thanks much all and very 73.
> >
> > Kevin :)
> > Amateur Radio: K7RX
> >
> >
>
> No virus found in this incoming message.
> Checked by AVG - http://www.avg.com <http://www.avg.com>
> Version: 8.0.176 / Virus Database: 270.10.7/1893 - Release Date: 1/14/2009
> 06:59
>
> [Non-text portions of this message have been removed]
>
>

7530. RE: [TS-850_450_690] TS-850 and Amp

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-01-15 04:46:45 UTC
From: Kevin Nathan
Topic: 7526 Message: 7530

Thanks much.

Kevin :)
Amateur Radio: K7RX

_____

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of Crownhaven
Sent: Wednesday, January 14, 2009 19:21
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] TS-850 and Amp

Yes, straight from the rig to the amp. Nothing in between that I recall.

Kevin Nathan wrote:
>
> thanks much Steve,
>
> I'm glad to hear that. I'm assuming you just used the relay in the 850 to
> switch. is that right.
>
> thanks again and very 73.
>
>
> Kevin :)
> Amateur Radio: K7RX
>
> _____
>
> From: TS-850_450_690@ <mailto:TS-850_450_690%40yahoogroups.com>
yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>
> [mailto:TS-850_450_690@ <mailto:TS-850_450_690%40yahoogroups.com>
yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>]
> On Behalf Of Crownhaven
> Sent: Wednesday, January 14, 2009 09:49
> To: TS-850_450_690@ <mailto:TS-850_450_690%40yahoogroups.com>
yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>
> Subject: Re: [TS-850_450_690] TS-850 and Amp
>
> I ran an LK-500ZC with my TS-850S and it worked fine. I didn't see the
> power out of it that I did with my TS-830S but that is to be expected.
> The LK-500ZC is a great amp. I wish I still had mine. UPS destroyed it

> unfortunately. Now using Drake L-7 which works equally well.
>
> Steve, N4JQQ
>
> Kevin Nathan wrote:
> >
> > Hi All,
> >
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> relay
> > in the 850 have enough muscle to switch the amp or am I best to run the
> > Burghardt relay box I have available here? I would like to switch
> directly
> > if possible but don't want to hurt the 850. Also, does anyone know
> if the
> > ALC voltages are compatible?
> >
> > thanks much all and very 73.
> >
> > Kevin :)
> > Amateur Radio: K7RX
> >
> >
>
> No virus found in this incoming message.
> Checked by AVG - http://www.avg. <http://www.avg.com> com <http://www.avg.
<http://www.avg.com> com>
> Version: 8.0.176 / Virus Database: 270.10.7/1893 - Release Date: 1/14/2009
> 06:59
>
> [Non-text portions of this message have been removed]
>
>

No virus found in this incoming message.
Checked by AVG - http://www.avg.com
Version: 8.0.176 / Virus Database: 270.10.7/1893 - Release Date: 1/14/2009
06:59

[Non-text portions of this message have been removed]

7531. Re: [TS-850_450_690] TS-850 and Amp

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-01-15 16:09:37 UTC
From: Anthony W. DePrato
Topic: 7526 Message: 7531

>Kevin

I have been running 850's for years driving the tl
922a henry 2kd5 alpha 86 and drake l4b so do not think you will
have any problems with the AL amp
73 Tony

QBE ZUT DE WA4JQS

ANTHONY W. (Tony) DePrato WA4JQS EXTRA - HEAVY
Since 1962
CQ DX HALL OF FAME # 35
DXCC HONOR ROLL - 340
A1-OP FISTS # 10573 SKCC #1227 F.O.P. LODGE 68
DXCC PHONE- DXCC CW- DXCC RTTY- DXCC MIXED
DXCC 40, 20, 15, 10 METERS WAC SSB WAC CW WAC RTTY WAC SAT
South Sandwich Island Dxpedition Group
CALLS HELD:
WA4JQS/ZS1, WA4JQS/KC4, WA4JQS/4K1
ZD8JQS, V31SS, VP8BZL, VP8SSI, 3Y0PI

[Non-text portions of this message have been removed]

7532. low power output on ssb

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-01-15 20:01:00 UTC
From: mack25000
Topic: 7532 Message: 7532

hi i am new to this group i have owned a ts 450 for a few years i have always noticed low power output on both ssb modes with an external watt meter can anyone tell me how to increase the ssb power so i can get more than 40 watts on peaks thanks

7533. Re: [TS-850_450_690] TS-850 and Amp

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-01-15 20:48:24 UTC
From: ve3wej gmail
Topic: 7526 Message: 7533

using the external worked for me. The idea I was told, that if the relay quits, which would you rather do, find a replacement relay from Kenwood, and then resolder it in, or replace an external box

either method does work, as replies have shown you, so i guess its more your option..

VE3WEJ
Dave Garber

10-X # 23465
echolink # 52852
irlp node 2202
email ve3wej@...
----- Original Message -----
From: Kevin Nathan
To: TS-850_450_690@yahoogroups.com
Sent: Wednesday, January 14, 2009 11:46 PM
Subject: RE: [TS-850_450_690] TS-850 and Amp

Thanks much.

Kevin :)
Amateur Radio: K7RX

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of Crownhaven
Sent: Wednesday, January 14, 2009 19:21
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] TS-850 and Amp

Yes, straight from the rig to the amp. Nothing in between that I recall.

Kevin Nathan wrote:
>
> thanks much Steve,
>
> I'm glad to hear that. I'm assuming you just used the relay in the 850 to
> switch. is that right.
>
> thanks again and very 73.
>
>
> Kevin :)
> Amateur Radio: K7RX
>

> _____
>
> From: TS-850_450_690@ <mailto:TS-850_450_690%40yahoogroups.com>
yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>
> [mailto:TS-850_450_690@ <mailto:TS-850_450_690%40yahoogroups.com>
yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>]
> On Behalf Of Crownhaven
> Sent: Wednesday, January 14, 2009 09:49
> To: TS-850_450_690@ <mailto:TS-850_450_690%40yahoogroups.com>
yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>
> Subject: Re: [TS-850_450_690] TS-850 and Amp
>
> I ran an LK-500ZC with my TS-850S and it worked fine. I didn't see the
> power out of it that I did with my TS-830S but that is to be expected.
> The LK-500ZC is a great amp. I wish I still had mine. UPS destroyed it
> unfortunately. Now using Drake L-7 which works equally well.
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> Steve, N4JQQ
>
> Kevin Nathan wrote:
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> > Hi All,
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> if the
> > ALC voltages are compatible?
> >
> > thanks much all and very 73.
> >
> > Kevin :)
> > Amateur Radio: K7RX
> >
> >
>
> No virus found in this incoming message.
> Checked by AVG - http://www.avg. <http://www.avg.com> com <http://www.avg.
<http://www.avg.com> com>
> Version: 8.0.176 / Virus Database: 270.10.7/1893 - Release Date: 1/14/2009
> 06:59
>

> [Non-text portions of this message have been removed]
>
>

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Checked by AVG - http://www.avg.com
Version: 8.0.176 / Virus Database: 270.10.7/1893 - Release Date: 1/14/2009
06:59

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

7534. Re: [TS-850_450_690] low power output on ssb

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-01-15 20:52:23 UTC
From: ve3wej gmail
Topic: 7532 Message: 7534

check to verify

#1 that the swr/watt meter is accurate, before altering the radio
#2 are you checking this into a dummy load
#3 are you checking with cw mode, tune mode, or AM mode.... AM... I beleive will be lower, as per manual

VE3WEJ
Dave Garber

10-X # 23465
echolink # 52852
irlp node 2202
email ve3wej@...
----- Original Message -----
From: mack25000
To: TS-850_450_690@yahoogroups.com
Sent: Thursday, January 15, 2009 3:01 PM
Subject: [TS-850_450_690] low power output on ssb

hi i am new to this group i have owned a ts 450 for a few years i have always noticed low power output on both ssb modes with an external watt meter can anyone tell me how to increase the ssb power so i can get more than 40 watts on peaks thanks

[Non-text portions of this message have been removed]

7535. Re: [TS-850_450_690] TS-850 and Amp

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-01-15 20:46:28 UTC
From: Kevin Nathan
Topic: 7526 Message: 7535

Thanks much Anthony. Glad to get that assurance. Take care and very 73.

Kevin :)
Amateur Radio: K7RX

----- Original Message -----
From: Anthony W. DePrato
To: TS-850_450_690@yahoogroups.com
Sent: Thursday, January 15, 2009 8:09 AM
Subject: Re: [TS-850_450_690] TS-850 and Amp

>Kevin

I have been running 850's for years driving the tl
922a henry 2kd5 alpha 86 and drake l4b so do not think you will
have any problems with the AL amp
73 Tony

QBE ZUT DE WA4JQS

ANTHONY W. (Tony) DePrato WA4JQS EXTRA - HEAVY
Since 1962
CQ DX HALL OF FAME # 35
DXCC HONOR ROLL - 340
A1-OP FISTS # 10573 SKCC #1227 F.O.P. LODGE 68
DXCC PHONE- DXCC CW- DXCC RTTY- DXCC MIXED
DXCC 40, 20, 15, 10 METERS WAC SSB WAC CW WAC RTTY WAC SAT
South Sandwich Island Dxpedition Group
CALLS HELD:
WA4JQS/ZS1, WA4JQS/KC4, WA4JQS/4K1
ZD8JQS, V31SS, VP8BZL, VP8SSI, 3Y0PI

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

7536. Re: [TS-850_450_690] TS-850 and Amp

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-01-15 21:26:48 UTC
From: Kevin Nathan
Topic: 7526 Message: 7536

Since I have it, I might as well use the relay box. <GRIN>

Thanks much and very 73.

Kevin :)
Amateur Radio: K7RX

----- Original Message -----
From: ve3wej gmail
To: TS-850_450_690@yahoogroups.com
Sent: Thursday, January 15, 2009 12:48 PM
Subject: Re: [TS-850_450_690] TS-850 and Amp

using the external worked for me. The idea I was told, that if the relay quits, which would you rather do, find a replacement relay from Kenwood, and then resolder it in, or replace an external box

either method does work, as replies have shown you, so i guess its more your option..

VE3WEJ
Dave Garber

10-X # 23465
echolink # 52852
irlp node 2202
email ve3wej@...
----- Original Message -----
From: Kevin Nathan
To: TS-850_450_690@yahoogroups.com
Sent: Wednesday, January 14, 2009 11:46 PM
Subject: RE: [TS-850_450_690] TS-850 and Amp

Thanks much.

Kevin :)
Amateur Radio: K7RX

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of Crownhaven
Sent: Wednesday, January 14, 2009 19:21
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] TS-850 and Amp

Yes, straight from the rig to the amp. Nothing in between that I recall.

Kevin Nathan wrote:
>
> thanks much Steve,
>
> I'm glad to hear that. I'm assuming you just used the relay in the 850 to
> switch. is that right.
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>
> Kevin :)
> Amateur Radio: K7RX
>
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>
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yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>]
> On Behalf Of Crownhaven
> Sent: Wednesday, January 14, 2009 09:49
> To: TS-850_450_690@ <mailto:TS-850_450_690%40yahoogroups.com>
yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>
> Subject: Re: [TS-850_450_690] TS-850 and Amp
>
> I ran an LK-500ZC with my TS-850S and it worked fine. I didn't see the
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> unfortunately. Now using Drake L-7 which works equally well.
>
> Steve, N4JQQ
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> Kevin Nathan wrote:
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> > ALC voltages are compatible?
> >
> > thanks much all and very 73.

> >
> > Kevin :)
> > Amateur Radio: K7RX
> >
> >
>
> No virus found in this incoming message.
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<http://www.avg.com> com>
> Version: 8.0.176 / Virus Database: 270.10.7/1893 - Release Date: 1/14/2009
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>
> [Non-text portions of this message have been removed]
>
>

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Checked by AVG - http://www.avg.com
Version: 8.0.176 / Virus Database: 270.10.7/1893 - Release Date: 1/14/2009
06:59

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

7537. Re: low power output on ssb

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-01-15 21:56:24 UTC
From: wd0bwm
Topic: 7532 Message: 7537

Mack,

I will make a stab at things to check as I own a TS-450S/AT also.

1. Is the wattmeter accurate and working?
2. Is the low power on one band or all bands?? What antenna??
3. What is SWR when checking power?? Be sure to check it in CW mode, carrier up at least half way, and use "Send" button on left side. When you do this, what is power reading??

On my vertical, if SWR goes up, power will read low using settings above...this is to protect finals in radio.

Check this stuff and let us know. If you want to use email, my email is wd0bwm1@....

Hope this gives you some things to look at.

Don, wd0bwm

--- In TS-850_450_690@yahoogroups.com, "mack25000" <mack25000@...> wrote:
>
> hi i am new to this group i have owned a ts 450 for a few years i have
> always noticed low power output on both ssb modes with an external
> watt meter can anyone tell me how to increase the ssb power so i can
> get more than 40 watts on peaks thanks
>

7538. Re: low power output on ssb

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-01-16 01:26:54 UTC
From: mack25000
Topic: 7532 Message: 7538

--- In TS-850_450_690@yahoogroups.com, "ve3wej gmail" <ve3wej@...> wrote:
>
> check to verify
>
> #1 that the swr/watt meter is accurate, before altering the radio
> #2 are you checking this into a dummy load
> #3 are you checking with cw mode, tune mode, or AM mode....
AM... I beleive will be lower, as per manual
>
>
>
>
> VE3WEJ
> Dave Garber
>
> 10-X # 23465
> echolink # 52852
> irlp node 2202
> email ve3wej@...
> ----- Original Message -----
> From: mack25000
> To: TS-850_450_690@yahoogroups.com
> Sent: Thursday, January 15, 2009 3:01 PM
> Subject: [TS-850_450_690] low power output on ssb
>
>
> hi i am new to this group i have owned a ts 450 for a few years i have
> always noticed low power output on both ssb modes with an external
> watt meter can anyone tell me how to increase the ssb power so i can
> get more than 40 watts on peaks thanks
>
>
>
>
>
>
> [Non-text portions of this message have been removed]
>
hi dave thanks for the reply i have ran the rig into a dummy load the
meter is accurate i have used several radios on the meter i have an
yeasu ft857 the rig with a constant tone on ssb will show around 100
watt when i use the 450 on ssb with the same tone max output is 45
watt the radio has full output on cw am and fm ssb seems to be the
problem i adjusted powe control on the rig seems like the past owner
might have turned down ssb power not sure would like to see if the
power could be increased a slight bit many thanks

7539. Re: [TS-850_450_690] Re: low power output on ssb

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-01-16 19:19:26 UTC
From: Tom Cabrelli
Topic: 7532 Message: 7539

hi thanks for the info the wattmeter is functioning the low power output is on all bands the antenna is a cushcraft a3s the swr is 1.5to 1 or lower in cw the power is 100watt the power is only low on ssb both sidebands my name is tom my call is ka3mls thanks for the help

---
From: wd0bwm <wd0bwm1@...>
To: TS-850_450_690@yahoogroups.com
Sent: Thursday, January 15, 2009 4:56:24 PM
Subject: [TS-850_450_690] Re: low power output on ssb

Mack,

I will make a stab at things to check as I own a TS-450S/AT also.

1. Is the wattmeter accurate and working?
2. Is the low power on one band or all bands?? What antenna??
3. What is SWR when checking power?? Be sure to check it in CW mode, carrier up at least half way, and use "Send" button on left side. When you do this, what is power reading??

On my vertical, if SWR goes up, power will read low using settings above...this is to protect finals in radio.

Check this stuff and let us know. If you want to use email, my email is wd0bwm1@swbell. net.

Hope this gives you some things to look at.

Don, wd0bwm

--- In TS-850_450_690@ yahoogroups. com, "mack25000" <mack25000@. ..> wrote:
>
> hi i am new to this group i have owned a ts 450 for a few years i have
> always noticed low power output on both ssb modes with an external
> watt meter can anyone tell me how to increase the ssb power so i can
> get more than 40 watts on peaks thanks
>

[Non-text portions of this message have been removed]

7540. Re: [TS-850_450_690] Re: low power output on ssb

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-01-16 23:24:51 UTC
From: Bud Haynes
Topic: 7532 Message: 7540

Tom Cabrelli wrote:
>
> hi thanks for the info the wattmeter is functioning the low power
> output is on all bands the antenna is a cushcraft a3s the swr is 1.5to
> 1 or lower in cw the power is 100watt the power is only low on ssb
> both sidebands my name is tom my call is ka3mls thanks for the help
>

Tom
I lost your original post but I THINK you said that you were getting
40 watts output
on SSB voice peaks, that would indicate to me that you are already
overdriving the rig
UNLESS you are using a peak reading watt meter.

Bud - KV7G - Glenrock, WY

>
>

7541. Re: [TS-850_450_690] Re: low power output on ssb

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-01-16 23:25:33 UTC
From: ve3wej gmail
Topic: 7532 Message: 7541

sounds like the car knob or pwr dial are turned down too low....., or mike gain or mike itself are low...

you said cw creates 100w, what about fsk, then press the send.. you should also get full output on the meter.....

VE3WEJ
Dave Garber

10-X # 23465
echolink # 52852
irlp node 2202
email ve3wej@...
----- Original Message -----
From: Tom Cabrelli
To: TS-850_450_690@yahoogroups.com
Sent: Friday, January 16, 2009 2:19 PM
Subject: Re: [TS-850_450_690] Re: low power output on ssb

hi thanks for the info the wattmeter is functioning the low power output is on all bands the antenna is a cushcraft a3s the swr is 1.5to 1 or lower in cw the power is 100watt the power is only low on ssb both sidebands my name is tom my call is ka3mls thanks for the help

_____
From: wd0bwm <wd0bwm1@...>
To: TS-850_450_690@yahoogroups.com
Sent: Thursday, January 15, 2009 4:56:24 PM
Subject: [TS-850_450_690] Re: low power output on ssb

Mack,

I will make a stab at things to check as I own a TS-450S/AT also.

1. Is the wattmeter accurate and working?
2. Is the low power on one band or all bands?? What antenna??
3. What is SWR when checking power?? Be sure to check it in CW mode,
carrier up at least half way, and use "Send" button on left side.
When you do this, what is power reading??

On my vertical, if SWR goes up, power will read low using settings
above...this is to protect finals in radio.

Check this stuff and let us know. If you want to use email, my email
is wd0bwm1@swbell. net.

Hope this gives you some things to look at.

Don, wd0bwm

--- In TS-850_450_690@ yahoogroups. com, "mack25000" <mack25000@. ..>
wrote:
>
> hi i am new to this group i have owned a ts 450 for a few years i
have
> always noticed low power output on both ssb modes with an external
> watt meter can anyone tell me how to increase the ssb power so i can
> get more than 40 watts on peaks thanks
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

7542. ts-450 VOX problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-01-18 00:36:58 UTC
From: gubo99
Topic: 7542 Message: 7542

vox is playing weird...i push vox buton and speak and tx stay on and i hear click click click out of radio and radio dont go in RX no more before i switch vox buton off...HELP !!!! with hand mic everything working fine if in vox mode...any idea..tnx in advance !

7543. Re: [TS-850_450_690] ts-450 VOX problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-01-18 05:53:06 UTC
From: ve3wej gmail
Topic: 7542 Message: 7543

sounds like your vox may be hearing more than your voice, and causing it to stay tx... try lowering your vox gain control..... or shut off background noises........

VE3WEJ
Dave Garber

10-X # 23465
echolink # 52852
irlp node 2202
email ve3wej@...
----- Original Message -----
From: gubo99
To: TS-850_450_690@yahoogroups.com
Sent: Saturday, January 17, 2009 7:36 PM
Subject: [TS-850_450_690] ts-450 VOX problem

vox is playing weird...i push vox buton and speak and tx stay on and i hear click click click out of radio and radio dont go in RX no more before i switch vox buton off...HELP !!!! with hand mic everything working fine if in vox mode...any idea..tnx in advance !

[Non-text portions of this message have been removed]

7544. Looking for Manual

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-01-18 03:58:33 UTC
From: Kevin Nathan
Topic: 7544 Message: 7544

Hi All,

The other day I said I might be buying an Amp Supply amp to go with my 850. Well, that didn't work out and it looks as if I might be buying a TL-922. I am blind and would like to get the manual for it in a form I can read. does anyone on the list have the manual for the TL-922 in an electronic format? Would you mind sending me a copy if you do?

Thanks much and very 73.

Kevin :)
Amateur Radio: K7RX

7545. RE: [TS-850_450_690] ts-450 VOX problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-01-18 05:06:55 UTC
From: Stein Roar Brobakken
Topic: 7542 Message: 7545

Hi

It sounds like the VOX delay and anti vox is to high

Try adjust this and it will work !

73s LA6FJA

Fra: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
På vegne av gubo99
Sendt: 18. januar 2009 01:37
Til: TS-850_450_690@yahoogroups.com
Emne: [TS-850_450_690] ts-450 VOX problem

vox is playing weird...i push vox buton and speak and tx stay on and i
hear click click click out of radio and radio dont go in RX no more
before i switch vox buton off...HELP !!!! with hand mic everything
working fine if in vox mode...any idea..tnx in advance !

[Non-text portions of this message have been removed]

7546. TL-922 Manual

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-01-18 05:25:02 UTC
From: Kevin Nathan
Topic: 7546 Message: 7546

I got these from some gentlemen on the amps list. thanks all. Very 73.

Kevin :)
Amateur Radio: K7RX

7547. Re: ts-450 VOX problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-01-18 06:40:24 UTC
From: gubo99
Topic: 7542 Message: 7547

--- In TS-850_450_690@yahoogroups.com, "ve3wej gmail" <ve3wej@...>
wrote:
>
> sounds like your vox may be hearing more than your voice, and
causing it to stay tx... try lowering your vox gain control.....
or shut off background noises........
>
> VE3WEJ
> Dave Garber
>
> 10-X # 23465
> echolink # 52852
> irlp node 2202
> email ve3wej@...
> ----- Original Message -----
> From: gubo99
> To: TS-850_450_690@yahoogroups.com
> Sent: Saturday, January 17, 2009 7:36 PM
> Subject: [TS-850_450_690] ts-450 VOX problem
>
>
> vox is playing weird...i push vox buton and speak and tx stay on
and i
> hear click click click out of radio and radio dont go in RX no
more
> before i switch vox buton off...HELP !!!! with hand mic
everything
> working fine if in vox mode...any idea..tnx in advance !
>
>
> interesting thing that works fine with hand mic but not with
headset,maybe something wrong with wrong wire at wrong place ???
>
>
> [Non-text portions of this message have been removed]
>

7548. Re: [TS-850_450_690] Looking for Manual

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-01-18 15:48:28 UTC
From: ve3wej gmail
Topic: 7544 Message: 7548

anyone on the list have the manual for the TL-922 in an electronic format?
Would you mind sending me a copy if you do?

not a wise comment to add, you could be getting large pdf files from 700
users, anyway service manual is availbale for you to download from here..

http://www.n6wk.com/kenwood/TL-922%20Service%20manual.pdf

and the instruction manual is here

http://mods.dk/downloadmanual.php?RefFil=TL-922A_Instruction_manual.zip&radio
log in may be required (free)

7549. RE: [TS-850_450_690] ts-450 VOX problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-01-18 15:59:24 UTC
From: Mario G
Topic: 7542 Message: 7549

Hi LA6FJA, i trayed that but nothing,as soon i activate transiever with voice he stay stuck in TX and depend where is vox delay knob i hear clicking out of radio fast or slow depend of that knob position...i tryed hand mic and works ok but with headset is not ok...

Mario Gubo
2310 Finch Ct.
Charlottesville,VA,22911
phone: (434) 981-2292

To: TS-850_450_690@...mFrom: s-roabr@...: Sun, 18 Jan 2009 06:06:55 +0100Subject: RE: [TS-850_450_690] ts-450 VOX problem

HiIt sounds like the VOX delay and anti vox is to highTry adjust this and it will work !73s LA6FJAFra: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]P? vegne av gubo99Sendt: 18. januar 2009 01:37Til: TS-850_450_690@yahoogroups.comEmne: [TS-850_450_690] ts-450 VOX problemvox is playing weird...i push vox buton and speak and tx stay on and i hear click click click out of radio and radio dont go in RX no more before i switch vox buton off...HELP !!!! with hand mic everything working fine if in vox mode...any idea..tnx in advance ![Non-text portions of this message have been removed]

Windows Live?: Keep your life in sync.
http://windowslive.com/howitworks?ocid=TXT_TAGLM_WL_t1_allup_howitworks_012009

[Non-text portions of this message have been removed]

7550. RE: [TS-850_450_690] Looking for Manual

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-01-18 18:21:33 UTC
From: Kevin Nathan
Topic: 7544 Message: 7550

thanks a bunch. I did get a couple of copies of these but will have to run them through my OCR at work to get them into readable text for me as a blind person. thanks for the info though and I'm going to add these links to my bookmarks.

Take care and very 73.

Kevin :)
Amateur Radio: K7RX

_____

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com] On Behalf Of ve3wej gmail
Sent: Sunday, January 18, 2009 07:48
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] Looking for Manual

anyone on the list have the manual for the TL-922 in an electronic format? Would you mind sending me a copy if you do?

not a wise comment to add, you could be getting large pdf files from 700 users, anyway service manual is availbale for you to download from here..

http://www.n6wk. <http://www.n6wk.com/kenwood/TL-922%20Service%20manual.pdf> com/kenwood/TL-922%20Service%20manual.pdf

and the instruction manual is here

http://mods. <http://mods.dk/downloadmanual.php?RefFil=TL-922A_Instruction_manual.zip&radio> dk/downloadmanual.php?RefFil=TL-922A_Instruction_manual.zip&radio log in may be required (free)

No virus found in this incoming message.
Checked by AVG - http://www.avg.com
Version: 8.0.176 / Virus Database: 270.10.9/1900 - Release Date: 1/18/2009 12:11

[Non-text portions of this message have been removed]

7551. Re: ts-450 VOX problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-01-18 22:38:55 UTC
From: Roland Spoon
Topic: 7542 Message: 7551

What type of headset? And did you try to lower the MIC gain? Try turning the MIC Gain all the way counter clockwise then up just enough to get some power out and see if that will still do the same thing. If it does then check the wiring on the headset as in might have a slight short between the Audio+ and Audio- or pins 1 Audio+ and pin 7 Audio- or even pin 8 PTT Ground or Pin 2 PTT+.
From what you are saying I would tend to belive the MIC Gain is too high for the Headset but OK for the Hand Mic. If you have a desk MIC or can borrow one try it with that and see if the problem is still there. My money is on the MIC Gain being too high for the Headset.
73
Roland AH6RR

--- In TS-850_450_690@yahoogroups.com, Mario G <t95lwg@...> wrote:
>
>
> Hi LA6FJA, i trayed that but nothing,as soon i activate transiever with voice he stay stuck in TX and depend where is vox delay knob i hear clicking out of radio fast or slow depend of that knob position...i tryed hand mic and works ok but with headset is not ok...
>
> Mario Gubo
> 2310 Finch Ct.
> Charlottesville,VA,22911
> phone: (434) 981-2292
>
> To: TS-850_450_690@...: s-roabr@...: Sun, 18 Jan 2009 06:06:55 +0100Subject: RE: [TS-850_450_690] ts-450 VOX problem
>
>
>
> HiIt sounds like the VOX delay and anti vox is to highTry adjust this and it will work !73s LA6FJAFra: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]På vegne av gubo99Sendt: 18. januar 2009 01:37Til: TS-850_450_690@...: [TS-850_450_690] ts-450 VOX problemvox is playing weird...i push vox buton and speak and tx stay on and i hear click click click out of radio and radio dont go in RX no more before i switch vox buton off...HELP !!!! with hand mic everything working fine if in vox mode...any idea..tnx in advance !
[Non-text portions of this message have been removed]
>
>
>
>

>
> _____
> Windows Live□: Keep your life in sync.
> http://windowslive.com/howitworks?
ocid=TXT_TAGLM_WL_t1_allup_howitworks_012009
>
> [Non-text portions of this message have been removed]
>

7552. RE: [TS-850_450_690] Re: ts-450 VOX problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-01-19 01:35:11 UTC
From: Mario G
Topic: 7542 Message: 7552

Hi Roland,just tryed your idea about mic gain but is not that,it might be something with wires...i got that headset boom mic from w2eny...i can not remember that that headset had worked with my ts440 before 450...anyway tnx for your advise ,wery kind of you...best 73 de k4mdx also e79dx

Mario Gubo
2310 Finch Ct.
Charlottesville,VA,22911
phone: (434) 981-2292

To: TS-850_450_690@yahoogroups.comFrom: Toesonnose@...: Sun, 18 Jan 2009 22:38:55 +0000Subject: [TS-850_450_690] Re: ts-450 VOX problem

What type of headset? And did you try to lower the MIC gain? Try turning the MIC Gain all the way counter clockwise then up just enough to get some power out and see if that will still do the same thing. If it does then check the wiring on the headset as in might have a slight short between the Audio+ and Audio- or pins 1 Audio+ and pin 7 Audio- or even pin 8 PTT Ground or Pin 2 PTT+.From what you are saying I would tend to belive the MIC Gain is too high for the Headset but OK for the Hand Mic. If you have a desk MIC or can borrow one try it with that and see if the problem is still there. My money is on the MIC Gain being too high for the Headset.73Roland AH6RR--- In TS-850_450_690@yahoogroups.com, Mario G <t95lwg@...> wrote:>> > Hi LA6FJA, i trayed that but nothing,as soon i activate transiever with voice he stay stuck in TX and depend where is vox delay knob i hear clicking out of radio fast or slow depend of that knob position...i tryed hand mic and works ok but with headset is not ok...> > Mario Gubo> 2310 Finch Ct.> Charlottesville,VA,22911> phone: (434) 981-2292> > To: TS-850_450_690@...: s-roabr@...: Sun, 18 Jan 2009 06:06:55 +0100Subject: RE: [TS-850_450_690] ts-450 VOX problem> > > > HiIt sounds like the VOX delay and anti vox is to highTry adjust this and it will work !73s LA6FJAFra: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]P? vegne av gubo99Sendt: 18. januar 2009 01:37Til: TS-850_450_690@...: [TS-850_450_690] ts-450 VOX problemvox is playing weird...i push vox buton and speak and tx stay on and i hear click click click out of radio and radio dont go in RX no more before i switch vox buton off...HELP !!!! with hand mic everything working fine if in vox mode...any idea..tnx in advance ![Non-text portions of this message have been removed] > > > > > > _____> Windows Live?: Keep your life in sync. > http://windowslive.com/howitworks?ocid=TXT_TAGLM_WL_t1_allup_howitworks_012009> > [Non-text portions of this message have been removed]>

_____
Windows Live?: Keep your life in sync.
http://windowslive.com/explore?ocid=TXT_TAGLM_WL_t1_allup_explore_012009

[Non-text portions of this message have been removed]

7553. RE: [TS-850_450_690] Re: ts-450 VOX problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-01-20 15:26:28 UTC
From: James M. Nelson
Topic: 7542 Message: 7553

Mario,

I had the same problem with my 850 and a Heil headset on twenty meters, but only one twenty. Turns out the length of the cord was a perfect length to couple the RF. Try making a few small loops in the cord just before your rig and see if that helps. I just wrapped the cord around my hand four or five times and ty-wrapped the loop.

Worked for me.

Good luck.

james\\

James M. Nelson
KE4GWW
ke4gww@...
President WARC
www.wb4zpi.org
ARES EC Houston County, AL
ARES District Two DEC
http://www.arrl-al.org/ARES.html
APRS Find-U
http://www.findu.com/cgi-bin/find.cgi?call=ke4gww
TM-742 Yahoo Groups List Owner
http://groups.yahoo.com/group/tm742/

-----Original Message-----
From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of Mario G
Sent: Sunday, January 18, 2009 7:35 PM
To: ts-850_450_690@yahoogroups.com
Subject: RE: [TS-850_450_690] Re: ts-450 VOX problem

Hi Roland,just tryed your idea about mic gain but is not that,it might be something with wires...i got that headset boom mic from w2eny...i can not remember that that headset had worked with my ts440 before 450...anyway tnx for your advise ,wery kind of you...best 73 de k4mdx also e79dx

Mario Gubo
2310 Finch Ct.
Charlottesville,VA,22911
phone: (434) 981-2292

To: TS-850_450_690@yahoogroups.comFrom: Toesonnose@...ate: Sun, 18 Jan 2009 22:38:55 +0000Subject: [TS-850_450_690] Re: ts-450 VOX problem

What type of headset? And did you try to lower the MIC gain? Try turning the MIC Gain all the way counter clockwise then up just enough to get some power out and see if that will still do the same thing. If it does then check the wiring on the headset as in might have a slight short between the Audio+ and Audio- or pins 1 Audio+ and pin 7 Audio- or even pin 8 PTT Ground or Pin 2 PTT+.From what you are saying I would tend to belive the MIC Gain is too high for the Headset but OK for the Hand Mic. If you have a desk MIC or can borrow one try it with that and see if the problem is still there. My money is on the MIC Gain being too high for the Headset.73Roland AH6RR--- In TS-850_450_690@yahoogroups.com, Mario G <t95lwg@...> wrote:>> > Hi LA6FJA, i trayed that but nothing,as soon i activate transiever with voice he stay stuck in TX and depend where is vox delay knob i hear clicking out of radio fast or slow depend of that knob position...i tryed hand mic and works ok but with headset is not ok...> > Mario Gubo> 2310 Finch Ct.> Charlottesville,VA,22911> phone: (434) 981-2292> > To: TS-850_450_690@...: s-roabr@...: Sun, 18 Jan 2009 06:06:55 +0100Subject: RE: [TS-850_450_690] ts-450 VOX problem> > > > HiIt sounds like the VOX delay and anti vox is to highTry adjust this and it will work !73s LA6FJAFra: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]På vegne av gubo99Sendt: 18. januar 2009 01:37Til: TS-850_450_690@...: [TS-850_450_690] ts-450 VOX problemvox is playing weird...i push vox buton and speak and tx stay on and i hear click click click out of radio and radio dont go in RX no more before i switch vox buton off...HELP !!!! with hand mic everything working fine if in vox mode...any idea..tnx in advance ![Non-text portions of this message have been removed] > > > > > > _____> Windows Live□: Keep your life in sync. > http://windowslive.com/howitworks?ocid=TXT_TAGLM_WL_t1_allup_howitworks_012009> > [Non-text portions of this message have been removed]>

_____

Windows Live□: Keep your life in sync.
http://windowslive.com/explore?ocid=TXT_TAGLM_WL_t1_allup_explore_012009

[Non-text portions of this message have been removed]

THANKS FOR USING TS-850_450_690@YAHOOGROUPS.COMYahoo! Groups Links

7554. Re: [TS-850_450_690] Re: ts-450 VOX problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-01-20 21:13:28 UTC
From: Steve Gehring
Topic: 7542 Message: 7554

I, too, had RF mix the 850S microphone (or surrounding) circuitry in years gone by. I solved this by inserting a mix 43 ferrite rod within the "coil cord" of the mic I was using at the time. Ferrite cylinders could be used with similar effectiveness -- sliding the cable through them, I believe. Anyway, here's an excerpt from an awesome tutorial relating to interfering "common mode" and "differential mode" currents.

"A differential mode signal is one that exists between the conductors of a cable. At any given point along the cable, current flowing on one conductor is precisely balanced by current lowing in the other direction on the other conductor. The intentional signals carried by cables are differential mode signals ? the audio or video signal in a home audio system, Ethernet signals on CAT5/6 cable, and the RF signal carried by the feedline connecting our antennas to our transceivers.

A common mode signal is one that places equal voltage on all conductors ? that is, the voltage between the two ends of the cable are different, but there is no voltage between the conductors. Antenna action produces a common mode voltage and current along a cable. The antenna current induced on audio and video wiring is a common mode signal. That is, with "ideal" cable, there is no differential voltage between the signal conductors as a result of this antenna action. If the cable is shielded, nearly all of this current flows on the shield (and skin effect causes it to flow on the outside of the shield)."

For a great, yet understandable, technical paper on Ham RFI and its reduction, reference K9RC's paper:
http://www.audiosystemsgroup.com/RFI-Ham.pdf

Good Luck!

Steve, NL7W

James M. Nelson wrote:
>
> Mario,
>
> I had the same problem with my 850 and a Heil headset on twenty
> meters, but
> only one twenty. Turns out the length of the cord was a perfect length to
> couple the RF. Try making a few small loops in the cord just before your
> rig and see if that helps. I just wrapped the cord around my hand four or
> five times and ty-wrapped the loop.
>
> Worked for me.
>

> Good luck.
>
> james\\
>
> James M. Nelson
> KE4GWW
> ke4gww@... <mailto:ke4gww%40arrl.net>
> President WARC
> www.wb4zpi.org
> ARES EC Houston County, AL
> ARES District Two DEC
> http://www.arrl-al.org/ARES.html <http://www.arrl-al.org/ARES.html>
> APRS Find-U
> http://www.findu.com/cgi-bin/find.cgi?call=ke4gww
> <http://www.findu.com/cgi-bin/find.cgi?call=ke4gww>
> TM-742 Yahoo Groups List Owner
> http://groups.yahoo.com/group/tm742/
> <http://groups.yahoo.com/group/tm742/>
>
> -----Original Message-----
> From: TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>
> [mailto:TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>]
> On Behalf Of Mario G
> Sent: Sunday, January 18, 2009 7:35 PM
> To: ts-850_450_690@yahoogroups.com
> <mailto:ts-850_450_690%40yahoogroups.com>
> Subject: RE: [TS-850_450_690] Re: ts-450 VOX problem
>
> Hi Roland,just tryed your idea about mic gain but is not that,it might be
> something with wires...i got that headset boom mic from w2eny...i can not
> remember that that headset had worked with my ts440 before
> 450...anyway tnx
> for your advise ,wery kind of you...best 73 de k4mdx also e79dx
>
> Mario Gubo
> 2310 Finch Ct.
> Charlottesville,VA,22911
> phone: (434) 981-2292
>
> To: TS-850_450_690@yahoogroups.comFrom
> <mailto:TS-850_450_690%40yahoogroups.comFrom>:
> Toesonnose@... <mailto:Toesonnose%40hawaii.rr.comDate>: Sun,
> 18 Jan 2009 22:38:55 +0000Subject: [TS-850_450_690] Re: ts-450 VOX problem
>
> What type of headset? And did you try to lower the MIC gain? Try
> turning the
> MIC Gain all the way counter clockwise then up just enough to get some
> power

> out and see if that will still do the same thing. If it does then
> check the
> wiring on the headset as in might have a slight short between the
> Audio+ and
> Audio- or pins 1 Audio+ and pin 7 Audio- or even pin 8 PTT Ground or Pin 2
> PTT+.From what you are saying I would tend to belive the MIC Gain is too
> high for the Headset but OK for the Hand Mic. If you have a desk MIC
> or can
> borrow one try it with that and see if the problem is still there. My
> money
> is on the MIC Gain being too high for the Headset.73Roland AH6RR--- In
> TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>, Mario G <t95lwg@...>
> wrote:>> > Hi LA6FJA, i
> trayed that but nothing,as soon i activate transiever with voice he stay
> stuck in TX and depend where is vox delay knob i hear clicking out of
> radio
> fast or slow depend of that knob position...i tryed hand mic and works ok
> but with headset is not ok...> > Mario Gubo> 2310 Finch Ct.>
> Charlottesville,VA,22911> phone: (434) 981-2292> > To: TS-850_450_690@...:
> s-roabr@...: Sun, 18 Jan 2009 06:06:55 +0100Subject: RE: [TS-850_450_690]
> ts-450 VOX problem> > > > HiIt sounds like the VOX delay and anti vox
> is to
> highTry adjust this and it will work !73s LA6FJAFra:
> TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>
> [mailto:TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>]P?
> vegne av gubo99Sendt: 18. januar 2009 01:37Til: TS-850_450_690@...:
> [TS-850_450_690] ts-450 VOX problemvox is playing weird...i push vox buton
> and speak and tx stay on and i hear click click click out of radio and
> radio
> dont go in RX no more before i switch vox buton off...HELP !!!! with hand
> mic everything working fine if in vox mode...any idea..tnx in advance
> ![Non-text portions of this message have been removed] > > > > > >
> _____> Windows Live?:
> Keep your life in sync. >
> http://windowslive.com/howitworks?ocid=TXT_TAGLM_WL_t1_allup_howitworks_0120
> <http://windowslive.com/howitworks?ocid=TXT_TAGLM_WL_t1_allup_howitworks_0120>
> 09> > [Non-text portions of this message have been removed]>
>
> _____
> Windows Live?: Keep your life in sync.
> http://windowslive.com/explore?ocid=TXT_TAGLM_WL_t1_allup_explore_012009
> <http://windowslive.com/explore?ocid=TXT_TAGLM_WL_t1_allup_explore_012009>
>
> [Non-text portions of this message have been removed]
>
> ---
>

> THANKS FOR USING TS-850_450_690@...
> <mailto:TS-850_450_690%40YAHOOGROUPS.COMYahoo>! Groups Links
>
>
> ---
>
>
> No virus found in this incoming message.
> Checked by AVG - http://www.avg.com
> Version: 8.0.176 / Virus Database: 270.10.8/1899 - Release Date: 1/17/2009 5:50 PM
>
>

7555. rehabilitating a TS-850 including filter selection.

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-01-23 05:22:56 UTC
From: Grant Hopper
Topic: 7555 Message: 7555

Kenwood TS-850_450_690Hi all,

I just ended up with a "fair to poor" condition TS-850 that really needs some TLC. It was owned by a sometimes smoker and lived in a box for at least 2 and as many as 5 years before it came to me. It needs a good scrub on the outside and heaven's knows what on the inside (I was afraid to open it and become depressed.) I also suspect that not everything works properly (based on the owner and his efforts to get rid of the thing) and I'd rather work on repairs now, rather than get it all cleaned up and back together and then discover problems. There are also several items I need to go shopping for (microphone, filters, connectors, etc.)

Right now this is the only HF radio in the shack. I had some older gear and managed to get good prices for clearing things out as part of a plan to purchase some more modern gear. The plan for this radio is to learn a bit while getting it back into condition, and then to either keep this as a backup at home, to take it over to my parent's house where we visit often, as an enticement for my father to upgrade and get his general. Either way, I don't see this one leaving my hands. I'd like to go through it, clean it up and get it fixed up for hours and hours of enjoyment.

First, on the cleaning front, any words of advice on cleaning? Not being sure about the plastics, I was thinking dry stiff brush for dirt, toothbrush for the small, close areas and then water on a rag to wipe it down on the outside. I suspect there will be a nice coating on the inside from years in front of a smoker. I have electro-wash from chemtronics and was going to look at Frys to see what they had that was similar. Is there a better process? I'm also looking for any ideas, comments, experiences that others have had with this sort of thing. Any sorts of issues like the TS-440 and the potting compound mess?

Second, testing and any necessary repair. The thing does power up and switches through the bands. I put it on a dummy load and keyed it and the red light went on. I haven't hooked up a watt meter yet (mostly due to time - but I'll get to that soon.) I'd like to find the problems now, rather than get it all cleaned up and then have to take it back apart for repairs. I'm going to look for the service manual, but I'm also looking for practical experience out there in triaging this thing first.

Also, I've been looking over a few TS-850 sites and see that there are a wide variety of mods and "improvements" that can be done. Anyone have "must do" things that they would recommend?

Lastly, this thing has nothing inside, that is, no filters, etc. and is missing the microphone. I've got a MC-60A borrowed from another radio for the time being, but I think I'd like a hand mic as well as a desk mic

(possibly one of the Heil ones.) I also need to locate a source for connectors. This thing is getting connected to at least a computer and maybe other fun stuff, but to do that I need to find connectors to build the cables. I'm planning on reviewing the messages in this group for information about filters, but I'm also glad for any direct advice. If you have advice (filter and microphone choices, connector sources) or have filters or mics for sale, please let me know. If you do, keep in mind that this is a tight budget project for me so I'm looking for rock bottom prices (aren't we all?)

Thanks in advance and you can either respond to the list, or contact me directly (kb7wsd@...)

73,
Grant

[Non-text portions of this message have been removed]

7556. Re: rehabilitating a TS-850 including filter selection.

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-01-23 16:32:55 UTC
From: N2UM...Gary
Topic: 7555 Message: 7556

Hi,

Last year I went through the same situation that you are currently faced with. I used Greased Lightning to clean the outside of the case. I didn't spray it on the radio but I used it on a cloth for big areas and on a cotton swab for the front panel. It worked very well and the swabs and cloth looked disgusting when finished.

As far as inside the radio... I decided to send the radio to B&B Technical Services in Colorado (http://www.amateur-repairs.com/) for their "Full Monte" treatment. The results were spectacular! My TS-850 has to be the finest radio I ever owned.

Good Luck!

Gary, N2UM

7557. Re: [TS-850_450_690] Re: rehabilitating a TS-850 including filter selection.

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-01-23 16:51:17 UTC
From: Mike Christiansen
Topic: 7555 Message: 7557

I agree with Gary, I sent my to B&B Tech for the Full Monte and it is like having a brand new radio

Mike, N4GW

On Jan 23, 2009, at 11:32 AM, N2UM...Gary wrote:

> Hi,
>
> Last year I went through the same situation that you are currently faced with. I used Greased Lightning to clean the outside of the case. I didn't spray it on the radio but I used it on a cloth for big areas and on a cotton swab for the front panel. It worked very well and the swabs and cloth looked disgusting when finished.
>
> As far as inside the radio... I decided to send the radio to B&B Technical Services in Colorado (http://www.amateur-repairs.com/) for their "Full Monte" treatment. The results were spectacular! My TS-850 has to be the finest radio I ever owned.
>
> Good Luck!
>
> Gary, N2UM
>
>
>

[Non-text portions of this message have been removed]

7558. TS-850S Display Inverter

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-01-26 08:35:40 UTC
From: Ashley
Topic: 7558 Message: 7558

Hello list,
We have a TS850SAT with a slight display problem; when the radio is powered up after a day or so unpowered, the display takes about 15-25 seconds to "come on"
Some reading in various forums has led us to the conclusion that perhaps the electrolytic cap on the input to the inverter may be leaky, and one cause of this 'delay"
We are going to replace the capacitor with a higher voltage (25V VS 16V) but we are wondering if anyone has any experience fixing a problem like a "slow to appear" display ?
Second, does anyone have any idea what is inside the inverter metal box ? Is this gizmo repairable ? Does it have a history of failure ?

Thank you very much
Kiss-Electronics
Ms Ashley Hall
Cornelius, Oregon
W7DUZ

7559. Re: TS-850S Display Inverter

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-01-26 17:13:22 UTC
From: Roland Spoon
Topic: 7558 Message: 7559

Replace the cap but make sure you check the all the traces around the cap they can be damaged from the old cap leaking. I replaced one on a friends radio that was doing the same thing and had to repair some of the traces. it works like a charm now. I have been lucky with mine it has been like the old Timex watch's takes a licking and keeps on ticking. I did have a problem last night but it was with a bad/old fuse in the negitive side of the power cord.
Good Luck
73
Roland AH6RR

--- In TS-850_450_690@yahoogroups.com, "Ashley" <Ashley40@...> wrote:
>
> Hello list,
> We have a TS850SAT with a slight display problem; when the radio is
> powered up after a day or so unpowered, the display takes about 15-25
> seconds to "come on"
> Some reading in various forums has led us to the conclusion that
> perhaps the electrolytic cap on the input to the inverter may be leaky,
> and one cause of this 'delay"
> We are going to replace the capacitor with a higher voltage (25V VS
> 16V) but we are wondering if anyone has any experience fixing a problem
> like a "slow to appear" display ?
> Second, does anyone have any idea what is inside the inverter metal
> box ? Is this gizmo repairable ? Does it have a history of failure ?
>
> Thank you very much
> Kiss-Electronics
> Ms Ashley Hall
> Cornelius, Oregon
> W7DUZ
>

7560. Kenwood ts-850s DSS chip replacement

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-01-28 22:29:35 UTC
From: k5box
Topic: 7560 Message: 7560

I saw sometime back that someone was replaceing the DSS chips if you sent them the the board but I lost the information.I have one that has the old ones on it and am starting to have problems. I used a known good carrier board [with the newer #'s on the chips] and everything works as it should.I need someone to do the work.
Tnx's Mike [k5box]

7561. Re: Kenwood ts-850s DSS chip replacement

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-01-28 22:35:13 UTC
From: Roland Spoon
Topic: 7560 Message: 7561

Aloha Mike,
I sent my CAR board to Cliff at AVVID and he did the repair and it
was perfect after that.
http://www.avvid.com/ should get you the contact info

Good Luck & 73
Roland AH6RR

-- In TS-850_450_690@yahoogroups.com, "k5box" <k5box@...> wrote:
>
> I saw sometime back that someone was replaceing the DSS chips if
you
> sent them the the board but I lost the information.I have one that
has
> the old ones on it and am starting to have problems. I used a known
> good carrier board [with the newer #'s on the chips] and everything
> works as it should.I need someone to do the work.
> Tnx's Mike [k5box]
>

7562. Has there been a firm decision regarding a INRAD roofing filter for the TS-850S?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-01-29 03:49:19 UTC
From: Steve Gehring
Topic: 7562 Message: 7562

All,

Has INRAD ever issued a firm ruling for or against a TS-850S roofing filter? I believe the 450/690 was diss'ed, but the 950 got one. There are many 850's out there...

Any thoughts?

I've emailed them just recently, with no response as of yet.

Thanks and 73!

de Steve, NL7W

7563. Hi and I have a question

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-01-29 14:23:00 UTC
From: Wayne Irwin
Topic: 7563 Message: 7563

Hi Folks,

At one time I had a TS-850SAT and I can honestly say it was the best HF rig I ever owned. I am sorry I sold it but as you know, such things are sometimes necessary. I am interested in finding another one of these days, but since the early ones did have some problems, I am wondering if anyone could give me an idea of where the "bad serial numbers" leave off and where the "good serial numbers" begin? My rig was a 20 million S/N and I know that was an old one, though I never had a problem. I have been told that above 60 million is good with the newer IC chips in it, but have not been able to confirm that. Any comments would be appreciated.

73,

Wayne, W1KI/4
Ocala, Florida

[Non-text portions of this message have been removed]

7564. RE: [TS-850_450_690] Has there been a firm decision regarding a INRAD roofing filter for the TS-850S?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-01-29 12:30:57 UTC
From: Stein Roar Brobakken
Topic: 7562 Message: 7564

Hi all,

a Roofing Filter onTS-850, it's possible, you can use the roofing filter
for the FT 1000 D.

read how, page is now in english, here :

<http://pagesperso-orange.fr/F6AOJ/cariboost1/crbst_178.html>
http://pagesperso-orange.fr/F6AOJ/cariboost1/crbst_178.html

73s LA6FJA RAG

Fra: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
På vegne av Steve Gehring
Sendt: 29. januar 2009 04:49
Til: TS-850_450_690@yahoogroups.com
Emne: [TS-850_450_690] Has there been a firm decision regarding a INRAD
roofing filter for the TS-850S?

All,

Has INRAD ever issued a firm ruling for or against a TS-850S roofing
filter? I believe the 450/690 was diss'ed, but the 950 got one. There
are many 850's out there...

Any thoughts?

I've emailed them just recently, with no response as of yet.

Thanks and 73!

de Steve, NL7W

[Non-text portions of this message have been removed]

7565. Looking for TS450 or TS690

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-01-29 05:37:05 UTC
From: randy
Topic: 7565 Message: 7565

Hello Group;
No having much luck through the usual sources finding a clean TS-450 or TS-690. If any one in the group has a clean rig with boxes and manual, please contact me off the group at siteinspect@... or call me at 630-742-6727 anytime from 9am to 8pm CST

Thanks
Randy
W9RTB

7566. TS-850SAT Display "Slow to come on" Notes

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-01-29 21:37:37 UTC
From: Ashley
Topic: 7566 Message: 7566

Hello All,
We posted a "display slow to come on" question here a while ago and received some terrific suggestions, almost all of which involved the three bypass capacitors on the display board, particularly C18. (C18 is not shown on the schematic, but does appear on the PC board layout).
Anyhow, we replaced C18 with a good quality 470uf/25V capacitor (and while we were in there we replaced the other two bypass electrolytics with 100uf/25V units) as well.
The good news to all of this is the display comes on within 3-4 seconds of power on, so I'm guessing the problem is fixed.
Thank you to everyone who responded.

Thank You
Kiss-Electronics
Ms Ashley Hall
Cornelius, Oregon
W7DUZ

7567. TS-850 IF Board Schematic Query

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-01-30 21:15:03 UTC
From: kremper4-850@yahoo.com
Topic: 7567 Message: 7567

While performing the CW sidetone modification, I noticed what appears to me to be a difference between the IF-board component placement and the schematic in the area of IC7. I can't be certain of the component IDs because my copy of the Service Manual parts-placement diagram isn't clear.

The schematic shows IC7 pin 2 as being connected to R227 (100 k) and C172 (0.1 uF). The other end of R227 connects to IC7 pin 1. The other end of C172 is shown connected to R229, R230 and R231. However, on the PC board in my '850, it looks as though a trace connects C172 to IC7 pin 1. I verified the connection with an ohmmeter.

Can anyone identify what I'm seeing -- or what I think I'm seeing?

73,

Paul / N1FB

[Non-text portions of this message have been removed]

7568. SDR connected to 8.83MHz IF out

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-02-01 11:19:59 UTC
From: martin beekhuis
Topic: 7568 Message: 7568

Hello,

Somebody already expirimented with de IF 8.83MHz into
a SDR module?

Martin pa3dsc

7569. Re: [TS-850_450_690] SDR connected to 8.83MHz IF out

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-02-01 17:30:45 UTC
From: Mike Christiansen
Topic: 7568 Message: 7569

Martin,

I have done this using the LP-PAN. Look me up on QRZ,COM and you will see links to the LP-PAN site and links to videos of my setup. If you have any questions after viewing this let me know

73, Mike, N4GW

On Feb 1, 2009, at 6:19 AM, martin beekhuis wrote:

> Hello,
>
> Somebody already expirimented with de IF 8.83MHz into
> a SDR module?
>
> Martin pa3dsc
>
>
>

[Non-text portions of this message have been removed]

7570. Re: [TS-850_450_690] SDR connected to 8.83MHz IF out

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-02-03 05:02:02 UTC
From: Rob Frohne
Topic: 7568 Message: 7570

Have a look at the Softrock40 yahoo group. There have been several guys there that have done something like you mention. I connected into the 455 KHz IF because I didn't want to give up my 455 KHz filters. I like it that way better. You can have a look at my web page at:

http://people.wallawalla.edu/~Rob.Frohne/SDR/SDR-Shell/

And the latest SDR-Shell code for IF applications is available from the svn at:

http://code.google.com/p/sdr-shell/

73,

Rob, KL7NA

martin beekhuis wrote:
>
> Hello,
>
> Somebody already expirimented with de IF 8.83MHz into
> a SDR module?
>
> Martin pa3dsc
>
>

--
Rob Frohne, Ph.D., P.E.
E.F. Cross School of Engineering
Walla Walla University
100 SW 4th Street
College Place, WA 99324
(509) 527-2075 http://people.walllawalla.edu/~rob.frohne

[Non-text portions of this message have been removed]

7571. TS-450-690 parts

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-02-03 12:52:49 UTC
From: Bob Mantell
Topic: 7571 Message: 7571

Anyone parting out a working TS-450-690 rig? or know of one?

My Tech guy tells me I need a band pass board, or a bunch of relays and other parts that go on it. He thinks it might be better to replace the whole board.

Seems that my mobile trip with it messed up the 10M relays.

73 de Bob,

K4ESA EM74qc

Bob Mantell
404-934-9648

[Non-text portions of this message have been removed]

7572. Re: TS-450-690 parts

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-02-03 19:09:27 UTC
From: Clif
Topic: 7571 Message: 7572

It probably has 1 bad relay which will hose everything EXCEPT the band
it's on. Make sure the band select IC is working correctly.

Clif

--- In TS-850_450_690@yahoogroups.com, Bob Mantell <k4esa@...> wrote:
>
> Anyone parting out a working TS-450-690 rig? or know of one?
>
> My Tech guy tells me I need a band pass board, or a bunch of relays
and other parts that go on it. He thinks it might be better to
replace the whole board.
>
> Seems that my mobile trip with it messed up the 10M relays.
>
>
>
> 73 de Bob,
>
> K4ESA EM74qc
>
> Bob Mantell
> 404-934-9648
>
>
>
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

7573. Re: [TS-850_450_690] Re: TS-450-690 parts

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-02-03 21:37:57 UTC
From: Zack Widup
Topic: 7571 Message: 7573

On a related topic, I am working on a TS-430S for a friend. The finals (2SC2290) and drivers (2SC2509) are all blown.

The TS-850S uses different finals but the same drivers. They seem to be hard to come by. The 2SC2509's are not made anymore, at least with the pin configuration BEC as seen from the front with the leads facing down.

There is a Kenwood note recommending 2SC3133, which also seem hard to come by. Other possible replacements are the MRF479 and 2SC1945 (which have the correct pinout).

The best bet looks like the 2SC1945. Has anyone tried this?

Any other recommendations?

73, Zack W9SZ

[Non-text portions of this message have been removed]

7574. Re: [TS-850_450_690] Re: TS-450-690 parts

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-02-03 21:47:01 UTC
From: parkjv1@comcast.net
Topic: 7571 Message: 7574

The 2SC3133 is currently available on ebay, Item number: 380026173051. $30.00 new. Located in U.K.

John KD7KFT

--------------- Original message ---------------
From: Zack Widup <w9sz.zack@...>
On a related topic, I am working on a TS-430S for a friend. The finals (2SC2290) and drivers (2SC2509) are all blown.

The TS-850S uses different finals but the same drivers. They seem to be hard to come by. The 2SC2509's are not made anymore, at least with the pin configuration BEC as seen from the front with the leads facing down.

There is a Kenwood note recommending 2SC3133, which also seem hard to come by. Other possible replacements are the MRF479 and 2SC1945 (which have the correct pinout).

The best bet looks like the 2SC1945. Has anyone tried this?

Any other recommendations?

73, Zack W9SZ

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

7575. Re: [TS-850_450_690] Re: TS-450-690 parts

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-02-03 22:06:11 UTC
From: Zack Widup
Topic: 7571 Message: 7575

I am really curious if anyone here had tried the 2SC1945. There is a website indicating someone had success with it. They are only $8 apiece.

73, Zack W9SZ

On Tue, Feb 3, 2009 at 3:47 PM, <parkjv1@...> wrote:

> The 2SC3133 is currently available on ebay, Item number: 380026173051.
> $30.00 new. Located in U.K.
>
> John KD7KFT
>
>
> ---------- Original message ----------
> From: Zack Widup <w9sz.zack@... <w9sz.zack%40gmail.com>>
> On a related topic, I am working on a TS-430S for a friend. The finals
> (2SC2290) and drivers (2SC2509) are all blown.
>
> The TS-850S uses different finals but the same drivers. They seem to be
> hard
> to come by. The 2SC2509's are not made anymore, at least with the pin
> configuration BEC as seen from the front with the leads facing down.
>
> There is a Kenwood note recommending 2SC3133, which also seem hard to come
> by. Other possible replacements are the MRF479 and 2SC1945 (which have the
> correct pinout).
>
> The best bet looks like the 2SC1945. Has anyone tried this?
>
> Any other recommendations?
>
> 73, Zack W9SZ
>
> [Non-text portions of this message have been removed]
>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

7576. Re: loss of power above 20m

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-02-04 00:49:22 UTC
From: ea8uk
Topic: 6674 Message: 7576

--- In TS-850_450_690@yahoogroups.com, "Clif" <clif@...> wrote:
>
> It probably has shorted diodes in the BPF on the RF unit. Someone
> turned up the power to try and get more on the higher bands.
>
> Unless you like replacing finals I suggest you start by turning the
> power down per the service manual.
>
> Clif
>
I have the exactly same problem, 160, 80,40, 30 all ok (110 watts)
rest f the band lower power (10 meters almost nothing)

i check all the diodes (out of the board) and all looks ok, i check
the voltage in the ic1 and all ok except the band selected and the
pin 2 always low voltage.

its posible this ic1 its faulty?

can anybody apoint me to any direction?

thanks
ea8uk tony

7577. Re: loss of power above 20m

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-02-04 01:25:41 UTC
From: Clif
Topic: 6674 Message: 7577

It could be R39 which is the pullup resistor or the IC is bad. Try cutting the leg on the IC and if it goes to 14v try the radio. That is the .5-1.6 BPF and if it's on will kill the higher bands on TX and affect RX.

Clif

--- In TS-850_450_690@yahoogroups.com, "ea8uk" <amdsat@...> wrote:
>
> --- In TS-850_450_690@yahoogroups.com, "Clif" <clif@> wrote:
> >
> > It probably has shorted diodes in the BPF on the RF unit. Someone
> > turned up the power to try and get more on the higher bands.
> >
> > Unless you like replacing finals I suggest you start by turning the
> > power down per the service manual.
> >
> > Clif
> >
> I have the exactly same problem, 160, 80,40, 30 all ok (110 watts)
> rest f the band lower power (10 meters almost nothing)
>
> i check all the diodes (out of the board) and all looks ok, i check
> the voltage in the ic1 and all ok except the band selected and the
> pin 2 always low voltage.
>
> its posible this ic1 its faulty?
>
> can anybody apoint me to any direction?
>
> thanks
> ea8uk tony
>

7578. Re: loss of power above 20m

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-02-04 02:22:18 UTC
From: ea8uk
Topic: 6674 Message: 7578

--- In TS-850_450_690@yahoogroups.com, "Clif" <clif@...> wrote:
>
> It could be R39 which is the pullup resistor or the IC is bad. Try
> cutting the leg on the IC and if it goes to 14v try the radio. That is
> the .5-1.6 BPF and if it's on will kill the higher bands on TX and
> affect RX.
>
> Clif

Thanks for the information.

i remove R39 out the board and its ok, 10k (in the board was 6k2 ohms... its curius cause the rest of the resistors R34 till R40 read 10K exactly in the board)

i insolated leg 2 (ic1) and i have 0 volts in this leg. The rest ok except the band what i select.

the radio is working now in all the bands 100 watts.

Do i must to remplace this ic? or do i must to look for any other component faulty?

thanks one more time.

tony ea8uk

7579. [TS-850_450_690] Bill of B&B Tech now SK

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-02-04 13:35:39 UTC
From: starmike@bellsouth.net
Topic: 6674 Message: 7579

For those of you that had Bill of B&B Tech Services work on there Kenwoods, he will be sorely missed. May God bless him and his family

http://forums.qrz.com/showthread.php?t=191791

Mike, N4GW

[Non-text portions of this message have been removed]

7580. Re: [TS-850_450_690] Bill of B&B Tech now SK

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-02-04 14:59:15 UTC
From: Paul Manuel
Topic: 6674 Message: 7580

--- On Wed, 2/4/09, starmike@... <starmike@...> wrote:
> For those of you that had Bill of B&B Tech Services work
> on there Kenwoods, he will be sorely missed. May God bless
> him and his family
>

This is terrible, shocking news. Bill was a moderator of this group at one time, maybe the founder. He did fix my 850 once and patiently guided me thru issues I had in that rig and an 830.

He helped so many people over the years and was the type of amateur we should all aspire to be. My prayers go out to his family.

73, Paul K4PDM

7581. Re: loss of power above 20m

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-02-05 16:24:59 UTC
From: Clif
Topic: 6674 Message: 7581

Yep, the IC is bad. Not uncommon but luckily it's a common IC and not expensive. Since that only affects the broadcast band (US broadcast band) from .5-1.6 mHz you could just leave it alone until time to sell it.

Clif

--- In TS-850_450_690@yahoogroups.com, "ea8uk" <amdsat@...> wrote:
>
> --- In TS-850_450_690@yahoogroups.com, "Clif" <clif@> wrote:
> >
> > It could be R39 which is the pullup resistor or the IC is bad. Try
> > cutting the leg on the IC and if it goes to 14v try the radio. That is
> > the .5-1.6 BPF and if it's on will kill the higher bands on TX and
> > affect RX.
> >
> > Clif
>
> Thanks for the information.
>
> i remove R39 out the board and its ok, 10k (in the board was 6k2
> ohms... its curius cause the rest of the resistors R34 till R40 read
> 10K exactly in the board)
>
> i insolated leg 2 (ic1) and i have 0 volts in this leg. The rest ok
> except the band what i select.
>
> the radio is working now in all the bands 100 watts.
>
> Do i must to remplace this ic? or do i must to look for any other
> component faulty?
>
> thanks one more time.
>
> tony ea8uk
>

7582. Re: Bill of B&B Tech now SK

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-02-05 18:28:42 UTC
From: ab2et
Topic: 6674 Message: 7582

--- In TS-850_450_690@yahoogroups.com, Paul Manuel <k4pdm@...> wrote:
>
>
>
>
> --- On Wed, 2/4/09, starmike@... <starmike@...> wrote:
> > For those of you that had Bill of B&B Tech Services work
> > on there Kenwoods, he will be sorely missed. May God bless
> > him and his family
> >
>
> This is terrible, shocking news. Bill was a moderator of this group
at one time, maybe the founder. He did fix my 850 once and patiently
guided me thru issues I had in that rig and an 830.
>
> He helped so many people over the years and was the type of amateur
we should all aspire to be. My prayers go out to his family.
>
> 73, Paul K4PDM
>
Bill was the "Guiding Light" that many TS-850 owners relied on to
keep the 850's ownership path in perspective and alive, his Kenwood
savvy, input and workmanship will be sorely missed by all.
My prayers go out to his family.

73's
Steve AB2ET

7583. Best Mic for the 850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-02-07 05:11:11 UTC
From: Kevin Nathan
Topic: 7583 Message: 7583

Hi All,

I am driving my TS-850 with a Heil Goldline which also has the HC5 element. I typically use it on the wide range element though with the high boost in on the 850. The trouble is that even with the mic gain wide open, something I am reluctant to do, it doesn't push the needle very high at all into the ALC zone on the radio. Other than the MC-60A or similar Kenwood mics, does anyone on the list have a suggestion as to the best desk or boom mic, preferably a boom mic, which might drive the socks off of the 850? Low cost would be good as well. I would appreciate any thoughts on the matter.

thanks much and very 73.

Kevin :)
Amateur Radio: K7RX

7584. Re: [TS-850_450_690] Best Mic for the 850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-02-07 19:24:35 UTC
From: Steve Gehring
Topic: 7583 Message: 7584

Kevin,

Find a Shure 522 desk mic on eBay. I found a like-new one for $5
there. The 522 has the same response curve as a gold-line, yet drives
the 850 very well. The 522 is also quite unidirectional.

It's awesome. My mic gain varies between 9 and 10 o'clock -- the latter
on 160M only. I also use the mic with the high-boost "on" all the
time. Moreover, the 522 also looks good, and is extremely rugged.

See the 522 reviews on eHam.

73 de Steve, NL7W

Kevin Nathan wrote:
>
> Hi All,
>
> I am driving my TS-850 with a Heil Goldline which also has the HC5
> element.
> I typically use it on the wide range element though with the high boost in
> on the 850. The trouble is that even with the mic gain wide open,
> something
> I am reluctant to do, it doesn't push the needle very high at all into the
> ALC zone on the radio. Other than the MC-60A or similar Kenwood mics, does
> anyone on the list have a suggestion as to the best desk or boom mic,
> preferably a boom mic, which might drive the socks off of the 850? Low
> cost
> would be good as well. I would appreciate any thoughts on the matter.
>
> thanks much and very 73.
>
> Kevin :)
> Amateur Radio: K7RX
>
>
> ---
>
>
> No virus found in this incoming message.
> Checked by AVG - www.avg.com
> Version: 8.0.233 / Virus Database: 270.10.19/1938 - Release Date: 02/04/09 16:35:00
>
>

7585. Re: [TS-850_450_690] Best Mic for the 850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-02-07 21:24:42 UTC
From: John Kramer
Topic: 7583 Message: 7585

The best Mic I found with my TS-850, and other Kenwood radio's - TS-940, TS-2000, TS-50, TS-440 is, in fact, an Icom SM-8 desk mic.
I cannot begin to explain what a wonderful mic it is. You have tone adjustment under the mic - while speaking adjust the tone till it sounds best...or turn it more bassy when speaking with strong locals, and then make it more treble when working weak dx. Also under the mic, are two very powerful mic gain adjustment pots - one for each radio. You can connect two radio's to this mic, and switch between the two with the switch on top of the mic. And the audio ? just fantastic !!!! I also have
heil goldline mic's, with the broadcast and regular element, and the SM-8
sounds far superior.

73
John, ZS5J

On 07 Feb 2009, at 7:11 AM, Kevin Nathan wrote:

> Hi All,
>
> I am driving my TS-850 with a Heil Goldline which also has the HC5
> element.
> I typically use it on the wide range element though with the high
> boost in
> on the 850. The trouble is that even with the mic gain wide open,
> something
> I am reluctant to do, it doesn't push the needle very high at all
> into the
> ALC zone on the radio. Other than the MC-60A or similar Kenwood
> mics, does
> anyone on the list have a suggestion as to the best desk or boom mic,
> preferably a boom mic, which might drive the socks off of the 850?
> Low cost
> would be good as well. I would appreciate any thoughts on the matter.
>
> thanks much and very 73.
>
> Kevin :)
> Amateur Radio: K7RX
>
>
>

[Non-text portions of this message have been removed]

7586. RE: [TS-850_450_690] Best Mic for the 850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-02-07 21:45:13 UTC
From: Kevin Nathan
Topic: 7583 Message: 7586

Hi John,

I will add this one to the idea mix and see what I can find.

Thanks much and very 73.

Kevin :)
Amateur Radio: K7RX

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of John Kramer
Sent: Saturday, February 07, 2009 13:25
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] Best Mic for the 850

The best Mic I found with my TS-850, and other Kenwood radio's - TS-940,
TS-2000, TS-50, TS-440 is, in fact, an Icom SM-8 desk mic.
I cannot begin to explain what a wonderful mic it is. You have tone
adjustment under the mic - while speaking adjust the tone till it sounds
best...or turn it more bassy when speaking with strong locals, and then
make it more treble when working weak dx. Also under the mic, are two
very powerful mic gain adjustment pots - one for each radio. You can
connect two radio's to this mic, and switch between the two with the
switch on top of the mic. And the audio ? just fantastic !!!! I also
have
heil goldline mic's, with the broadcast and regular element, and the
SM-8
sounds far superior.

73
John, ZS5J

On 07 Feb 2009, at 7:11 AM, Kevin Nathan wrote:

> Hi All,
>
> I am driving my TS-850 with a Heil Goldline which also has the HC5
> element.
> I typically use it on the wide range element though with the high
> boost in
> on the 850. The trouble is that even with the mic gain wide open,
> something
> I am reluctant to do, it doesn't push the needle very high at all
> into the
> ALC zone on the radio. Other than the MC-60A or similar Kenwood

> mics, does
> anyone on the list have a suggestion as to the best desk or boom mic,
> preferably a boom mic, which might drive the socks off of the 850?
> Low cost
> would be good as well. I would appreciate any thoughts on the matter.
>
> thanks much and very 73.
>
> Kevin :)
> Amateur Radio: K7RX
>
>
>

[Non-text portions of this message have been removed]

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 8.0.233 / Virus Database: 270.10.19/1939 - Release Date: 02/07/09
13:39:00

[Non-text portions of this message have been removed]

7587. RE: [TS-850_450_690] Best Mic for the 850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-02-07 21:17:10 UTC
From: Kevin Nathan
Topic: 7583 Message: 7587

Hi Steve,

Thanks much. I'll see what I can find.

Take care and very 73.

Kevin :)
Amateur Radio: K7RX

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of Steve Gehring
Sent: Saturday, February 07, 2009 11:25
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] Best Mic for the 850

Kevin,

Find a Shure 522 desk mic on eBay. I found a like-new one for $5
there. The 522 has the same response curve as a gold-line, yet drives
the 850 very well. The 522 is also quite unidirectional.

It's awesome. My mic gain varies between 9 and 10 o'clock -- the latter
on 160M only. I also use the mic with the high-boost "on" all the
time. Moreover, the 522 also looks good, and is extremely rugged.

See the 522 reviews on eHam.

73 de Steve, NL7W

Kevin Nathan wrote:
>
> Hi All,
>
> I am driving my TS-850 with a Heil Goldline which also has the HC5
> element.
> I typically use it on the wide range element though with the high boost in
> on the 850. The trouble is that even with the mic gain wide open,
> something
> I am reluctant to do, it doesn't push the needle very high at all into the
> ALC zone on the radio. Other than the MC-60A or similar Kenwood mics, does
> anyone on the list have a suggestion as to the best desk or boom mic,
> preferably a boom mic, which might drive the socks off of the 850? Low
> cost
> would be good as well. I would appreciate any thoughts on the matter.
>
> thanks much and very 73.

>
> Kevin :)
> Amateur Radio: K7RX
>
>
> ---
>
>
> No virus found in this incoming message.
> Checked by AVG - www.avg.com
> Version: 8.0.233 / Virus Database: 270.10.19/1938 - Release Date: 02/04/09
16:35:00
>
>

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 8.0.233 / Virus Database: 270.10.19/1939 - Release Date: 02/07/09
13:39:00

[Non-text portions of this message have been removed]

7588. Farewell Bill, K0ZL aka coorsbilly

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-02-08 04:22:31 UTC
From: nm9p
Topic: 7588 Message: 7588

I was saddened to hear of Bill's passing.
I enjoyed his good-natured advice and encouragement to everyone on this
and several other Yahoo Group lists.
Always gracious and kind, always with a touch of humor.
He embodied the best of ham radio and the best of the human spirit.
God bless you, Bill.
Our prayers for Bonnie.

Ken - NM9P

7589. Re: [TS-850_450_690] Re: loss of power above 20m

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-02-08 05:37:10 UTC
From: Antonio M.
Topic: 6674 Message: 7589

Thanks Clif

I just replace the ic and make all the adjustment and the TX is fine. (using the service manual)

I just connect the antenna and the speakers and i almost do not have reception (no signal on s-meter). i check and re-check all the board ans i think all is perfect.

if i connect the antenna in the anode of D3 i have reception (not 100%)

if i connect the signal before the C8 (before D3) i have just a Little reception (i re-check all the attenuators and are off)

R1 and R3 are OK.

Any body have any idea where do i must to look?

thanks in advanced.

Tony ea8uk

2009/2/5 Clif <clif@...>

> Yep, the IC is bad. Not uncommon but luckily it's a common IC and not
> expensive. Since that only affects the broadcast band (US broadcast
> band) from .5-1.6 mHz you could just leave it alone until time to sell it.
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com <TS-850_450_690%40yahoogroups.com>,
> "ea8uk" <amdsat@...> wrote:
> >
> > --- In TS-850_450_690@yahoogroups.com <TS-850_450_690%40yahoogroups.com>,
> "Clif" <clif@> wrote:
> > >
> > > It could be R39 which is the pullup resistor or the IC is bad. Try
> > > cutting the leg on the IC and if it goes to 14v try the radio. That is
> > > the .5-1.6 BPF and if it's on will kill the higher bands on TX and
> > > affect RX.
> > >
> > > Clif
> >
> > Thanks for the information.
> >
> > i remove R39 out the board and its ok, 10k (in the board was 6k2
> > ohms... its curius cause the rest of the resistors R34 till R40 read

> > 10K exactly in the board)
> >
> > i insolated leg 2 (ic1) and i have 0 volts in this leg. The rest ok
> > except the band what i select.
> >
> > the radio is working now in all the bands 100 watts.
> >
> > Do i must to remplace this ic? or do i must to look for any other
> > component faulty?
> >
> > thanks one more time.
> >
> > tony ea8uk
> >
>
>
>

[Non-text portions of this message have been removed]

7590. Re: Best Mic for the 850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-02-08 14:02:54 UTC
From: Ronald Real
Topic: 7583 Message: 7590

I am using the Heil Goldline (HC5 element) with my TS-850, and the TS-2000. It works great for me, good audio reports also has the HC5 element. You must have some other problem with the mic. I'm sure you have tried it with other microphones, if so the radio is not the problem.

Ron WR5RR

--- In TS-850_450_690@yahoogroups.com, "Kevin Nathan" <k7rx@...> wrote:
>
> Hi All,
>
> I am driving my TS-850 with a Heil Goldline which also has the HC5 element.
> I typically use it on the wide range element though with the high boost in
> on the 850. The trouble is that even with the mic gain wide open, something
> I am reluctant to do, it doesn't push the needle very high at all into the
> ALC zone on the radio. Other than the MC-60A or similar Kenwood mics, does
> anyone on the list have a suggestion as to the best desk or boom mic,
> preferably a boom mic, which might drive the socks off of the 850? Low cost
> would be good as well. I would appreciate any thoughts on the matter.
>
> thanks much and very 73.
>
> Kevin :)
> Amateur Radio: K7RX
>

7591. RE: [TS-850_450_690] Re: Best Mic for the 850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-02-08 15:33:34 UTC
From: Kevin Nathan
Topic: 7583 Message: 7591

Oh yes, the and mic that came with the radio drives the pants off of the 850. It just doesn't sound as good. <GRIN>

thanks much and very 73.

Kevin :)
Amateur Radio: K7RX

_____

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com] On Behalf Of Ronald Real
Sent: Sunday, February 08, 2009 06:03
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] Re: Best Mic for the 850

I am using the Heil Goldline (HC5 element) with my TS-850, and the TS-2000. It works great for me, good audio reports also has the HC5 element. You must have some other problem with the mic. I'm sure you have tried it with other microphones, if so the radio is not the problem.

Ron WR5RR

--- In TS-850_450_690@ <mailto:TS-850_450_690%40yahoogroups.com> yahoogroups.com, "Kevin Nathan" <k7rx@...> wrote:
>
> Hi All,
>
> I am driving my TS-850 with a Heil Goldline which also has the HC5 element.
> I typically use it on the wide range element though with the high boost in
> on the 850. The trouble is that even with the mic gain wide open, something
> I am reluctant to do, it doesn't push the needle very high at all into the
> ALC zone on the radio. Other than the MC-60A or similar Kenwood mics, does
> anyone on the list have a suggestion as to the best desk or boom mic,
> preferably a boom mic, which might drive the socks off of the 850? Low cost
> would be good as well. I would appreciate any thoughts on the matter.
>

> thanks much and very 73.
>
> Kevin :)
> Amateur Radio: K7RX
>

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 8.0.233 / Virus Database: 270.10.19/1939 - Release Date: 02/07/09
13:39:00

[Non-text portions of this message have been removed]

7592. Re: loss of power above 20m

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-02-08 16:23:25 UTC
From: Clif
Topic: 6674 Message: 7592

Check Q49 for 12v on the collector, if not then replace it.

Clif

--- In TS-850_450_690@yahoogroups.com, "Antonio M." <amdsat@...> wrote:
>
> Thanks Clif
>
> I just replace the ic and make all the adjustment and the TX is
fine. (using
> the service manual)
>
> I just connect the antenna and the speakers and i almost do not have
> reception (no signal on s-meter). i check and re-check all the board
ans i
> think all is perfect.
>
> if i connect the antenna in the anode of D3 i have reception (not
100%)
>
> if i connect the signal before the C8 (before D3) i have just a Little
> reception (i re-check all the attenuators and are off)
>
> R1 and R3 are OK.
>
> Any body have any idea where do i must to look?
>
> thanks in advanced.
>
> Tony ea8uk
>
> 2009/2/5 Clif <clif@...>
>
> > Yep, the IC is bad. Not uncommon but luckily it's a common IC
and not
> > expensive. Since that only affects the broadcast band (US broadcast
> > band) from .5-1.6 mHz you could just leave it alone until time to
sell it.
> >
> > Clif
> >
> > --- In TS-850_450_690@yahoogroups.com
<TS-850_450_690%40yahoogroups.com>,
> > "ea8uk" <amdsat@> wrote:
> > >

> > > --- In TS-850_450_690@yahoogroups.com
<TS-850_450_690%40yahoogroups.com>,
> > "Clif" <clif@> wrote:
> > > >
> > > > It could be R39 which is the pullup resistor or the IC is bad. Try
> > > > cutting the leg on the IC and if it goes to 14v try the radio.
That is
> > > > the .5-1.6 BPF and if it's on will kill the higher bands on TX and
> > > > affect RX.
> > > > >
> > > > Clif
> > > >
> > > Thanks for the information.
> > > >
> > > i remove R39 out the board and its ok, 10k (in the board was 6k2
> > > ohms... its curius cause the rest of the resistors R34 till R40 read
> > > 10K exactly in the board)
> > > >
> > > i insolated leg 2 (ic1) and i have 0 volts in this leg. The rest ok
> > > except the band what i select.
> > > >
> > > the radio is working now in all the bands 100 watts.
> > > >
> > > Do i must to remplace this ic? or do i must to look for any other
> > > component faulty?
> > > >
> > > thanks one more time.
> > > >
> > > tony ea8uk
> > > >
> > >
> > >
> > >
>
>
> [Non-text portions of this message have been removed]
>

7593. Re: Best Mic for the 850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-02-08 20:13:22 UTC
From: merckxist
Topic: 7583 Message: 7593

> Hi All,
> I am driving my TS-850 with a Heil Goldline which also has the HC5
element.
> I typically use it on the wide range element though with the high
boost in
> on the 850. The trouble is that even with the mic gain wide open,
something
> I am reluctant to do, it doesn't push the needle very high at all
into the
> ALC zone on the radio. Other than the MC-60A or similar Kenwood
mics, does
> anyone on the list have a suggestion as to the best desk or boom
mic,
> preferably a boom mic, which might drive the socks off of the 850?
Low cost
> would be good as well. I would appreciate any thoughts on the
matter.
>
> thanks much and very 73.
>
> Kevin :)
> Amateur Radio: K7RX

Kevin,
I used a Heil BM-10 with an HC4 element, and had adequate mic gain, so there may be another problem here.The problem I had was repeated failures of the HC4 element, three, in total.Looking for a more economical replacement for the Heil elements, I built the project mic that is on the ARRL web site.In TIS, under "Projects for the Ham Shack", "An Inexpensive Amplified Boom/Headset Mic".This project was also published in the 1999 Handbook.I built the unamplifed headset version.This project uses a Radio Shack 270-090 electret cartridge, a .01 microfarad DC blocking/coupling capacitor in the mic input line, and a 10 K ohm biasing resistor from the 8 volt pin in the mic connector, to the mic element.I mounted the resistor and cap inside the eight pin mic connector.The results: plenty of gain, very good audio response, and very low cost.It seems to be as good, if not better, than the pricy Heil elements.

One other piece of advice.If you try this, stick to the specified component values.I tried a larger value capacitor, and did not have good results.Mic gain was very touchy, and the audio response was very basey.

The amplifed desk top version of this project includes seperate high boost, low boost, and gain controls.

Good luck,

Al
KJ5GT

7594. RE: [TS-850_450_690] Re: Best Mic for the 850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-02-08 21:20:48 UTC
From: Kevin Nathan
Topic: 7583 Message: 7594

Thanks Al,

I'll keep this in mind also. The reports I'm getting from people are that although the ALC isn't being kicked much, my audio sounds good and many of my friends say not to change a thing. so, right now I'm just gathering information. <GRIN>

Again, thanks much and very 73.

Kevin :)
Amateur Radio: K7RX

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com] On Behalf Of merckxist
Sent: Sunday, February 08, 2009 12:13
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] Re: Best Mic for the 850

> Hi All,
> I am driving my TS-850 with a Heil Goldline which also has the HC5 element.
> I typically use it on the wide range element though with the high boost in
> on the 850. The trouble is that even with the mic gain wide open, something
> I am reluctant to do, it doesn't push the needle very high at all into the
> ALC zone on the radio. Other than the MC-60A or similar Kenwood mics, does
> anyone on the list have a suggestion as to the best desk or boom mic,
> preferably a boom mic, which might drive the socks off of the 850? Low cost
> would be good as well. I would appreciate any thoughts on the matter.
>
> thanks much and very 73.
>
> Kevin :)
> Amateur Radio: K7RX

Kevin,
I used a Heil BM-10 with an HC4 element, and had adequate mic gain, so there may be another problem here.The problem I had was repeated failures of the HC4 element, three, in total.Looking for a more

economical replacement for the Heil elements, I built the project mic that is on the ARRL web site.In TIS, under "Projects for the Ham Shack", "An Inexpensive Amplified Boom/Headset Mic".This project was also published in the 1999 Handbook.I built the unamplifed headset version.This project uses a Radio Shack 270-090 electret cartridge, a .01 microfarad DC blocking/coupling capacitor in the mic input line, and a 10 K ohm biasing resistor from the 8 volt pin in the mic connector, to the mic element.I mounted the resistor and cap inside the eight pin mic connector.The results: plenty of gain, very good audio response, and very low cost.It seems to be as good, if not better, than the pricy Heil elements.

One other piece of advice.If you try this, stick to the specified component values.I tried a larger value capacitor, and did not have good results.Mic gain was very touchy, and the audio response was very basey.

The amplifed desk top version of this project includes seperate high boost, low boost, and gain controls.

Good luck,

Al
KJ5GT

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 8.0.233 / Virus Database: 270.10.19/1939 - Release Date: 02/07/09 13:39:00

[Non-text portions of this message have been removed]

7595. Re: [TS-850_450_690] Re: loss of power above 20m

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-02-08 22:52:36 UTC
From: Antonio M.
Topic: 6674 Message: 7595

Thanks Cliff.

Q49 ok, and i have 12 V in the colector. Transistor looks ok.

just one comment.

if i remove the antena conector in CN1, using an ohmeter between GND and the center of this CN1 i have 0 ohms, also if i check between gnd and the diferents points r1, r3, l3, l4 (before and after this components) its this normal? looks to me as short circuit? Do i must to remove all the capacitor to see if any is in short?

The attenuator works ok, and do the swich in the diferents positions ok. R1 and R3 ok. L3 and L4 0 Ohms (i dont have te tools to read the impedance)

In the katode of D3 i have 7,3 volts in Rx a little less in tx (manual say 6.7 Volts)

Thanks for all the help, i really apreciated.

tony ea8uk.

2009/2/8 Clif <clif@...>

> Check Q49 for 12v on the collector, if not then replace it.
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com <TS-850_450_690%40yahoogroups.com>,
> "Antonio M." <amdsat@...> wrote:
> >
> > Thanks Clif
> >
> > I just replace the ic and make all the adjustment and the TX is
> fine. (using
> > the service manual)
> >
> > I just connect the antenna and the speakers and i almost do not have
> > reception (no signal on s-meter). i check and re-check all the board
> ans i
> > think all is perfect.
> >
> > if i connect the antenna in the anode of D3 i have reception (not
> 100%)
> >
> > if i connect the signal before the C8 (before D3) i have just a Little
> > reception (i re-check all the attenuators and are off)

> >
> > R1 and R3 are OK.
> >
> > Any body have any idea where do i must to look?
> >
> > thanks in advanced.
> >
> > Tony ea8uk
> >
> > 2009/2/5 Clif <clif@...>
> >
> > > Yep, the IC is bad. Not uncommon but luckily it's a common IC
> and not
> > > expensive. Since that only affects the broadcast band (US broadcast
> > > band) from .5-1.6 mHz you could just leave it alone until time to
> sell it.
> > >
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> > > --- In TS-850_450_690@yahoogroups.com<TS-850_450_690%40yahoogroups.com>
> <TS-850_450_690%40yahoogroups.com>,
> > > "ea8uk" <amdsat@> wrote:
> > > >
> > > > --- In TS-850_450_690@yahoogroups.com<TS-850_450_690%40yahoogroups.com>
> <TS-850_450_690%40yahoogroups.com>,
> > > "Clif" <clif@> wrote:
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> > > > > It could be R39 which is the pullup resistor or the IC is bad. Try
> > > > > cutting the leg on the IC and if it goes to 14v try the radio.
> That is
> > > > > the .5-1.6 BPF and if it's on will kill the higher bands on TX and
> > > > > affect RX.
> > > > >
> > > > > Clif
> > > >
> > > > Thanks for the information.
> > > >
> > > > i remove R39 out the board and its ok, 10k (in the board was 6k2
> > > > ohms... its curius cause the rest of the resistors R34 till R40 read
> > > > 10K exactly in the board)
> > > >
> > > > i insolated leg 2 (ic1) and i have 0 volts in this leg. The rest ok
> > > > except the band what i select.
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> > > > the radio is working now in all the bands 100 watts.
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> > > > Do i must to remplace this ic? or do i must to look for any other
> > > > component faulty?
> > > >
> > > > thanks one more time.

> > > >
> > > > tony ea8uk
> > > >
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> > [Non-text portions of this message have been removed]
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[Non-text portions of this message have been removed]

7597. Re: loss of power above 20m (corrected text for those that get e-mail)

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-02-08 23:53:48 UTC
From: Clif
Topic: 6674 Message: 7597

That's not good. Unless there is a change to put a choke to ground not shown in my service manuals.

Remove C3, 5, & 7 and see if the short goes away, one at a time. If C8 were shorted you would have 8v there...

Clif

--- In TS-850_450_690@yahoogroups.com, "Antonio M." <amdsat@...> wrote:
>
> Thanks Cliff.
>
> Q49 ok, and i have 12 V in the colector. Transistor looks ok.
>
> just one comment.
>
>
> if i remove the antena conector in CN1, using an ohmeter between GND and the
> center of this CN1 i have 0 ohms, also if i check between gnd and the
> diferents points r1, r3, l3, l4 (before and after this components) its this
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> to see if any is in short?
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> The attenuator works ok, and do the swich in the diferents positions ok. R1
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>
> In the katode of D3 i have 7,3 volts in Rx a little less in tx (manual say
> 6.7 Volts)
>
> Thanks for all the help, i really apreciated.
>
> tony ea8uk.
>
> 2009/2/8 Clif <clif@...>
>
> > Check Q49 for 12v on the collector, if not then replace it.
> >
> > Clif
> >
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> > > R1 and R3 are OK.
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> > > Any body have any idea where do i must to look?
> > >
> > > thanks in advanced.
> > >
> > > Tony ea8uk
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> > > 2009/2/5 Clif <clif@>
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> > > >
> > > > --- In
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> > [Non-text portions of this message have been removed]
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7598. Re: [TS-850_450_690] Re: loss of power above 20m

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-02-09 01:21:27 UTC
From: Antonio M.
Topic: 6674 Message: 7598

Hi Again Cliff, your knightmare again.

Ok, C5 was in short, C3&7 are ok.

Now i have reception, but if i compare the reception with my ts870 there are a big diference, in AM (7125) whit the 850 i get signal 3, 4 and whit the 870 signal is 9 or 9+

in 80 meters almost the same,

Any idea whare do i must to look.......

Thanks in advanced

Tony ea8uk

2009/2/8 Clif <clif@...>

> That's not good. Unless there is a change to put a choke to ground
> shown in my service manuals.
>
> Remove C3, 5, & 7 and see if the short goes away, one at a time. If C8
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> > and R3 ok. L3 and L4 0 Ohms (i dont have te tools to read the impedance)
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> > In the katode of D3 i have 7,3 volts in Rx a little less in tx
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> > Thanks for all the help, i really apreciated.
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> > tony ea8uk.
> >
> > 2009/2/8 Clif <clif@...>
> >
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> > > Clif
> > >
> > > --- In TS-850_450_690@yahoogroups.com<TS-850_450_690%40yahoogroups.com>
> <TS-850_450_690%40yahoogroups.com>,
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> > > > > "ea8uk" <amdsat@> wrote:
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[Non-text portions of this message have been removed]

7599. Re: loss of power above 20m

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-02-09 01:54:34 UTC
From: Clif
Topic: 6674 Message: 7599

I would replace L3 & L4. The s-meters are spec'ed at the same point for S-9 so should be comparable. Check the attenuators for the proper drop in each. If they are Ok try the other caps in the filter you are working on.

Clif

--- In TS-850_450_690@yahoogroups.com, "Antonio M." <amdsat@...> wrote:
>
> Hi Again Cliff, your knightmare again.
>
> Ok, C5 was in short, C3&7 are ok.
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> in 80 meters almost the same,
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> Any idea whare do i must to look.......
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> Thanks in advanced
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> Tony ea8uk
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> 2009/2/8 Clif <clif@...>
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> > --- In TS-850_450_690@yahoogroups.com <TS-850_450_690%40yahoogroups.com>,
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> > > > > > > > tony ea8uk
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7600. Re: [TS-850_450_690] Re: loss of power above 20m

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-02-09 01:57:35 UTC
From: Jordan
Topic: 6674 Message: 7600

Clif.. I need sage advice regarding the replacement of one the variable caps in one of the VCO cans for 430Mhz in my TS-790A....Is there a standard method of pulling those boards off the main board or...? 73...Jordan....

----- Original Message -----
From: Clif
To: TS-850_450_690@yahoogroups.com
Sent: Sunday, February 08, 2009 6:54 PM
Subject: [TS-850_450_690] Re: loss of power above 20m

I would replace L3 & L4. The s-meters are spec'ed at the same point
for S-9 so should be comparable. Check the attenuators for the proper
drop in each. If they are Ok try the other caps in the filter you are
working on.

Clif

--- In TS-850_450_690@yahoogroups.com, "Antonio M." <amdsat@...> wrote:
>
> Hi Again Cliff, your knightmare again.
>
> Ok, C5 was in short, C3&7 are ok.
>
> Now i have reception, but if i compare the reception with my ts870
there are
> a big diference, in AM (7125) whit the 850 i get signal 3, 4 and
whit the
> 870 signal is 9 or 9+
>
> in 80 meters almost the same,
>
>
> Any idea whare do i must to look.......
>
> Thanks in advanced
>
> Tony ea8uk
>
> 2009/2/8 Clif <clif@...>
>
> > That's not good. Unless there is a change to put a choke to ground
> > shown in my service manuals.
> >
> > Remove C3, 5, & 7 and see if the short goes away, one at a time. If C8
> > were shorted you would have 8v there...
> >

> > Clif
> >
> > --- In TS-850_450_690@yahoogroups.com
<TS-850_450_690%40yahoogroups.com>,
> > "Antonio M." <amdsat@> wrote:
> > >
> > > Thanks Cliff.
> > >
> > > Q49 ok, and i have 12 V in the colector. Transistor looks ok.
> > >
> > > just one comment.
> > >
> > >
> > > if i remove the antena conector in CN1, using an ohmeter between GND
> > and the
> > > center of this CN1 i have 0 ohms, also if i check between gnd
and the
> > > diferents points r1, r3, l3, l4 (before and after this components)
> > its this
> > > normal? looks to me as short circuit? Do i must to remove all the
> > capacitor
> > > to see if any is in short?
> > >
> > > The attenuator works ok, and do the swich in the diferents positions
> > ok. R1
> > > and R3 ok. L3 and L4 0 Ohms (i dont have te tools to read the
impedance)
> > >
> > > In the katode of D3 i have 7,3 volts in Rx a little less in tx
> > (manual say
> > > 6.7 Volts)
> > >
> > > Thanks for all the help, i really apreciated.
> > >
> > > tony ea8uk.
> > >
> > > 2009/2/8 Clif <clif@>
> > >
> > > > Check Q49 for 12v on the collector, if not then replace it.
> > > >
> > > > Clif
> > > >
> > > > --- In
TS-850_450_690@yahoogroups.com<TS-850_450_690%40yahoogroups.com>
> > <TS-850_450_690%40yahoogroups.com>,
> > > > "Antonio M." <amdsat@> wrote:
> > > > >
> > > > > Thanks Clif
> > > > >
> > > > > I just replace the ic and make all the adjustment and the TX is

> > > > fine. (using
> > > > > the service manual)
> > > > >
> > > > > I just connect the antenna and the speakers and i almost do
not have
> > > > > reception (no signal on s-meter). i check and re-check all
the board
> > > > ans i
> > > > > think all is perfect.
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> > > > > if i connect the antenna in the anode of D3 i have reception
(not
> > > > 100%)
> > > > >
> > > > > if i connect the signal before the C8 (before D3) i have just a
> > Little
> > > > > reception (i re-check all the attenuators and are off)
> > > > >
> > > > > R1 and R3 are OK.
> > > > >
> > > > > Any body have any idea where do i must to look?
> > > > >
> > > > > thanks in advanced.
> > > > >
> > > > > Tony ea8uk
> > > > >
> > > > > 2009/2/5 Clif <clif@>
> > > > >
> > > > > > Yep, the IC is bad. Not uncommon but luckily it's a common IC
> > > > and not
> > > > > > expensive. Since that only affects the broadcast band (US
> > broadcast
> > > > > > band) from .5-1.6 mHz you could just leave it alone until
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> > > > > >
> > > > > > Clif
> > > > > >
> > > > > > --- In
> > TS-850_450_690@yahoogroups.com <TS-850_450_690%40yahoogroups.com>
> > <TS-850_450_690%40yahoogroups.com>
> > > > <TS-850_450_690%40yahoogroups.com>,
> > > > > > "ea8uk" <amdsat@> wrote:
> > > > > >
> > > > > > --- In
> > TS-850_450_690@yahoogroups.com <TS-850_450_690%40yahoogroups.com>
> > <TS-850_450_690%40yahoogroups.com>
> > > > <TS-850_450_690%40yahoogroups.com>,
> > > > > > "Clif" <clif@> wrote:
> > > > > > >

> > > > > > > > It could be R39 which is the pullup resistor or the IC is
> > bad. Try
> > > > > > > > > cutting the leg on the IC and if it goes to 14v try
the radio.
> > > > That is
> > > > > > > > > the .5-1.6 BPF and if it's on will kill the higher bands
> > on TX and
> > > > > > > > > affect RX.
> > > > > > > > >
> > > > > > > > > Clif
> > > > > > > >
> > > > > > > > > Thanks for the information.
> > > > > > > >
> > > > > > > > > i remove R39 out the board and its ok, 10k (in the board
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> > > > > > > > > ohms... its curius cause the rest of the resistors R34 till
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> > > > > > > > > 10K exactly in the board)
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7601. Re: loss of power above 20m

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-02-09 02:19:38 UTC
From: Clif
Topic: 6674 Message: 7601

I use a Pace Vacuum Desoldering station. The main thing is to make sure the 3 wires are free otherwise you can pull out a plated thru hole. I wouldn't try it with just solder wick. At the min a hand operated desoldering tool.

Clif

--- In TS-850_450_690@yahoogroups.com, "Jordan" <Outposter30@...> wrote:
>
> Clif.. I need sage advice regarding the replacement of one the variable caps in one of the VCO cans for 430Mhz in my TS-790A....Is there a standard method of pulling those boards off the main board or...? 73...Jordan....
>
>
> ----- Original Message -----
> From: Clif
> To: TS-850_450_690@yahoogroups.com
> Sent: Sunday, February 08, 2009 6:54 PM
> Subject: [TS-850_450_690] Re: loss of power above 20m
>
>
> I would replace L3 & L4. The s-meters are spec'ed at the same point
> for S-9 so should be comparable. Check the attenuators for the proper
> drop in each. If they are Ok try the other caps in the filter you are
> working on.
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> Clif
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> --- In TS-850_450_690@yahoogroups.com, "Antonio M." <amdsat@> wrote:
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> > 870 signal is 9 or 9+
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> > in 80 meters almost the same,
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> > Any idea whare do i must to look.......

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> > Thanks in advanced
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> > 2009/2/8 Clif <clif@>
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> > > That's not good. Unless there is a change to put a choke to ground
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> > > "Antonio M." <amdsat@> wrote:
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> > > > 2009/2/8 Clif <clif@>
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> > > > > > > --- In
> > > TS-850_450_690@yahoogroups.com <TS-850_450_690%40yahoogroups.com>
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> > > > > > > "ea8uk" <amdsat@> wrote:
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> > > TS-850_450_690@yahoogroups.com <TS-850_450_690%40yahoogroups.com>
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7602. Re: [TS-850_450_690] Best Mic for the 850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-02-09 03:16:42 UTC
From: dave schertzer
Topic: 7583 Message: 7602

I've got a D-104 I sometimes use.....lots of audio!

From: Kevin Nathan <k7rx@...>
To: TS-850_450_690@yahoogroups.com
Sent: Friday, February 6, 2009 9:11:11 PM
Subject: [TS-850_450_690] Best Mic for the 850

Hi All,

I am driving my TS-850 with a Heil Goldline which also has the HC5 element. I typically use it on the wide range element though with the high boost in on the 850. The trouble is that even with the mic gain wide open, something I am reluctant to do, it doesn't push the needle very high at all into the ALC zone on the radio. Other than the MC-60A or similar Kenwood mics, does anyone on the list have a suggestion as to the best desk or boom mic, preferably a boom mic, which might drive the socks off of the 850? Low cost would be good as well. I would appreciate any thoughts on the matter.

thanks much and very 73.

Kevin :)
Amateur Radio: K7RX

[Non-text portions of this message have been removed]

7603. RE: [TS-850_450_690] Best Mic for the 850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-02-09 03:28:45 UTC
From: Kevin Nathan
Topic: 7583 Message: 7603

Thanks Dave for that bit. I'm collecting ideas and then will see.

Take care and very 73.

Kevin :)
Amateur Radio: K7RX

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of dave schertzer
Sent: Sunday, February 08, 2009 19:17
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] Best Mic for the 850

I've got a D-104 I sometimes use.....lots of audio!

From: Kevin Nathan <k7rx@comcast. <mailto:k7rx%40comcast.net> net>
To: TS-850_450_690@ <mailto:TS-850_450_690%40yahoogroups.com>
yahoogroups.com
Sent: Friday, February 6, 2009 9:11:11 PM
Subject: [TS-850_450_690] Best Mic for the 850

Hi All,

I am driving my TS-850 with a Heil Goldline which also has the HC5 element.
I typically use it on the wide range element though with the high boost in
on the 850. The trouble is that even with the mic gain wide open, something
I am reluctant to do, it doesn't push the needle very high at all into the
ALC zone on the radio. Other than the MC-60A or similar Kenwood mics, does
anyone on the list have a suggestion as to the best desk or boom mic,
preferably a boom mic, which might drive the socks off of the 850? Low cost
would be good as well. I would appreciate any thoughts on the matter.

thanks much and very 73.

Kevin :)
Amateur Radio: K7RX

[Non-text portions of this message have been removed]

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 8.0.233 / Virus Database: 270.10.19/1939 - Release Date: 02/07/09
13:39:00

[Non-text portions of this message have been removed]

7604. Outboard DSP

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-02-09 05:05:45 UTC
From: Kevin Nathan
Topic: 7604 Message: 7604

Hi All,

What recommendations would any of you have for an outboard DSP unit to run with the 850? the Time Wave 599ZX looks like much more than one would need. I would appreciate any ideas of less expensive units which might give good noise reduction and not cost an arm and a leg. I have listened to sound files of the SCAF 1 from Idiom Press. Has anyone used that device?

thanks much and very 73.

Kevin :)
Amateur Radio: K7RX

7605. Outboard DSP

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-02-09 11:23:48 UTC
From: Phil Hartwell
Topic: 7604 Message: 7605

Hi Kevin,

Before you shell out on external DSP units, try downloading some free DSP filter software and utilize the soundcard in your PC. Google JE3HHT, his is a very simple free program with many pre-defined DSP filters for different circumstances and modes. You can alter them to your own requirements or even design and store your own.
There are many more complex programs that incorporate waterfalls etc., but try this one first.
GL & 73, Phil VK6GX

Make Yahoo!7 your homepage and win a trip to the Quiksilver Pro. Find out more

[Non-text portions of this message have been removed]

7606. Re: [TS-850_450_690] Best Mic for the 850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-02-09 13:51:39 UTC
From: starmike@bellsouth.net
Topic: 7583 Message: 7606

I use a D104 as well. But I also use the Goldline with HC-5 element as well as a Heil headset with the HC-5 element. I run them all at about 9:00 setting with good ALC deflection. I wonder if there si something worong with your mic cable on the Goldline

Mike, N4GW

---------- Original message from dave schertzer <dmschertzer@...>: ----------

I've got a D-104 I sometimes use.....lots of audio!

From: Kevin Nathan <k7rx@...>
To: TS-850_450_690@yahoogroups.com
Sent: Friday, February 6, 2009 9:11:11 PM
Subject: [TS-850_450_690] Best Mic for the 850

Hi All,

I am driving my TS-850 with a Heil Goldline which also has the HC5 element. I typically use it on the wide range element though with the high boost in on the 850. The trouble is that even with the mic gain wide open, something I am reluctant to do, it doesn't push the needle very high at all into the ALC zone on the radio. Other than the MC-60A or similar Kenwood mics, does anyone on the list have a suggestion as to the best desk or boom mic, preferably a boom mic, which might drive the socks off of the 850? Low cost would be good as well. I would appreciate any thoughts on the matter.

thanks much and very 73.

Kevin :)
Amateur Radio: K7RX

[Non-text portions of this message have been removed]

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7607. Re: [TS-850_450_690] Outboard DSP

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-02-09 13:55:28 UTC
From: starmike@bellsouth.net
Topic: 7604 Message: 7607

I use the CLRdsp by west mountain radio, and it works great.

http://www.westmountainradio.com/CLRdsp.htm

Mike, N4GW

-------------- Original message from "Kevin Nathan" <k7rx@...>: --------------

Hi All,

What recommendations would any of you have for an outboard DSP unit to run
with the 850? the Time Wave 599ZX looks like much more than one would need.
I would appreciate any ideas of less expensive units which might give good
noise reduction and not cost an arm and a leg. I have listened to sound
files of the SCAF 1 from Idiom Press. Has anyone used that device?

thanks much and very 73.

Kevin :)
Amateur Radio: K7RX

[Non-text portions of this message have been removed]

7608. RE: [TS-850_450_690] Best Mic for the 850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-02-09 14:05:49 UTC
From: Kevin Nathan
Topic: 7583 Message: 7608

I wonder too. Thanks much for that info and thanks for the info as well on the DSP.

Take care and very 73.

Kevin :)
Amateur Radio: K7RX

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com] On Behalf Of starmike@...
Sent: Monday, February 09, 2009 05:52
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] Best Mic for the 850

I use a D104 as well. But I also use the Goldline with HC-5 element as well as a Heil headset with the HC-5 element. I run them all at about 9:00 setting with good ALC deflection. I wonder if there si something worong with your mic cable on the Goldline

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---------- Original message from dave schertzer <dmschertzer@ <mailto:dmschertzer%40yahoo.com> yahoo.com>: ----------

I've got a D-104 I sometimes use.....lots of audio!

From: Kevin Nathan <k7rx@comcast. <mailto:k7rx%40comcast.net> net>
To: TS-850_450_690@ <mailto:TS-850_450_690%40yahoogroups.com> yahoogroups.com
Sent: Friday, February 6, 2009 9:11:11 PM
Subject: [TS-850_450_690] Best Mic for the 850

Hi All,

I am driving my TS-850 with a Heil Goldline which also has the HC5 element. I typically use it on the wide range element though with the high boost in on the 850. The trouble is that even with the mic gain wide open, something I am reluctant to do, it doesn't push the needle very high at all into the ALC zone on the radio. Other than the MC-60A or similar Kenwood mics, does anyone on the list have a suggestion as to the best desk or boom mic, preferably a boom mic, which might drive the socks off of the 850? Low cost would be good as well. I would appreciate any thoughts on the matter.

thanks much and very 73.

Kevin :)
Amateur Radio: K7RX

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[Non-text portions of this message have been removed]

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 8.0.233 / Virus Database: 270.10.19/1941 - Release Date: 02/09/09
06:50:00

[Non-text portions of this message have been removed]

7609. RE: [TS-850_450_690] Outboard DSP

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-02-09 14:06:50 UTC
From: Kevin Nathan
Topic: 7604 Message: 7609

Thanks Phil,

I'll take a look.

Very 73.

Kevin :)
Amateur Radio: K7RX

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of Phil Hartwell
Sent: Monday, February 09, 2009 03:24
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] Outboard DSP

Hi Kevin,

Before you shell out on external DSP units, try downloading some free DSP
filter software and utilize the soundcard in your PC. Google JE3HHT, his is
a very simple free program with many pre-defined DSP filters for different
circumstances and modes. You can alter them to your own requirements or even
design and store your own.
There are many more complex programs that incorporate waterfalls etc., but
try this one first.
GL & 73, Phil VK6GX

Make Yahoo!7 your homepage and win a trip to the Quiksilver Pro. Find out
more

[Non-text portions of this message have been removed]

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Checked by AVG - www.avg.com
Version: 8.0.233 / Virus Database: 270.10.19/1941 - Release Date: 02/09/09
06:50:00

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7610. Re: [TS-850_450_690] Re: loss of power above 20m

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-02-10 10:49:54 UTC
From: Antonio M.
Topic: 6674 Message: 7610

Thanks Clif

I just remove again C7 and also C4 and C6, this last to are ok, C7 is reading 90 p F, i think this must be 98pf (i have the service manual in pdf and its not clear the numbers can you confirm the C7 capacity?), anyway i just remplace this las two C7&5 as normal ceramic capacitor (not smd), i must to visit the shop and buy some new smd components. This weekend i will finish all the test, but i just re-check the reception on 20 meters, and now looks the oposite, 850 have more reception than 870. in 80 meters 870 have a better reception then 850, but i will check deep this weekend.

I will check deep and will back whit the final results.

I want to thank you Cliff for all the time and help, i really apreciate this help.

Tony ea8uk

2009/2/9 Clif <clif@...>

> I would replace L3 & L4. The s-meters are spec'ed at the same point
> for S-9 so should be comparable. Check the attenuators for the proper
> drop in each. If they are Ok try the other caps in the filter you are
> working on.
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com <TS-850_450_690%40yahoogroups.com>,
> "Antonio M." <amdsat@...> wrote:
> >
> > Hi Again Cliff, your knightmare again.
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> > Ok, C5 was in short, C3&7 are ok.
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> > Now i have reception, but if i compare the reception with my ts870
> there are
> > a big diference, in AM (7125) whit the 850 i get signal 3, 4 and
> whit the
> > 870 signal is 9 or 9+
> >
> > in 80 meters almost the same,
> >
> >
> > Any idea whare do i must to look.......
> >
> > Thanks in advanced

> >
> > Tony ea8uk
> >
> > 2009/2/8 Clif <clif@...>
> >
> > > That's not good. Unless there is a change to put a choke to ground
> > > shown in my service manuals.
> > >
> > > Remove C3, 5, & 7 and see if the short goes away, one at a time. If C8
> > > were shorted you would have 8v there...
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> > > > The attenuator works ok, and do the swich in the diferents positions
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> > > >
> > > > tony ea8uk.
> > > >
> > > > 2009/2/8 Clif <clif@>
> > > >
> > > > > Check Q49 for 12v on the collector, if not then replace it.

> > > > >
> > > > > Clif
> > > > > >
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> > > > > > > if i connect the signal before the C8 (before D3) i have just a
> > > Little
> > > > > > reception (i re-check all the attenuators and are off)
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> > > > > > >
> > > > > > > Any body have any idea where do i must to look?
> > > > > > >
> > > > > > > thanks in advanced.
> > > > > > >
> > > > > > > Tony ea8uk
> > > > > > >
> > > > > > > 2009/2/5 Clif <clif@>
> > > > > > >
> > > > > > > > Yep, the IC is bad. Not uncommon but luckily it's a common IC
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> > > > > > > > > > It could be R39 which is the pullup resistor or the IC is
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> > > > > > > > > > cutting the leg on the IC and if it goes to 14v try
> the radio.
> > > > > That is
> > > > > > > > > > the .5-1.6 BPF and if it's on will kill the higher bands
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> > > > > > > > > > affect RX.
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> > > > > > > > > tony ea8uk
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7611. Re: loss of power above 20m

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-02-10 14:40:24 UTC
From: Clif
Topic: 6674 Message: 7611

Values:
C3 100
C4 20
C5 47
C6 56
C7 82
C8-9 .1UF
R1 51
R2 100
R3 150
R4 82

That's the front end.

Clif

--- In TS-850_450_690@yahoogroups.com, "Antonio M." <amdsat@...> wrote:
>
> Thanks Clif
>
>
> I just remove again C7 and also C4 and C6, this last to are ok, C7 is
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> looks the oposite, 850 have more reception than 870. in 80 meters
870 have a
> better reception then 850, but i will check deep this weekend.
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> I will check deep and will back whit the final results.
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> help.
>
> Tony ea8uk
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>
>
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> 2009/2/9 Clif <clif@...>
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7612. TS850 CAT PTT AND MIC-IN ???.

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-02-11 17:20:34 UTC
From: javijust
Topic: 7612 Message: 7612

Hi everybody.

I'm using TS850 with CAT software. When I pitch TX (with CAT command), the transceiver begin to transmit, but the front MIC-IN input connector is disabled, so I think that is only posible to inject the audio signal in the rear input, when PTT via CAT command is activated.

Do you know, how activate the MIC-IN input (in the front of the transceiver) to use any microphone or audio system, and activate the PTT with a CAT command?.
With TS570 works fine.

Thanks in advance.

Xavier
EA3EYD

7613. Re: Farewell Bill, K0ZL aka coorsbilly

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-02-11 18:47:58 UTC
From: lucysbranch
Topic: 7588 Message: 7613

I was also saddened to learn of Bill's passing. He once did some work on my TS 850 (mods, changing battery, etc.) and he did an excellent job. Bill was a gentleman and wanted to do the right thing. He provided a valuable service to the ham radio community. RIP Bill and may God be with your family.
73 de Ron - K4WU

7614. RE: [TS-850_450_690] TS850 CAT PTT AND MIC-IN ???.

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-02-11 20:34:24 UTC
From: Dave wej
Topic: 7612 Message: 7614

I believe the mic in is muted by ptt being on pin 9 (then jumpered to pin 13. remove connection to pin 9..

Dave VE3WEJ

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of javijust
Sent: February 11, 2009 12:21 PM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] TS850 CAT PTT AND MIC-IN ???.

Hi everybody.

I'm using TS850 with CAT software. When I pitch TX (with CAT command), the transceiver begin to transmit, but the front MIC-IN input connector is disabled, so I think that is only posible to inject the audio signal in the rear input, when PTT via CAT command is activated.

Do you know, how activate the MIC-IN input (in the front of the transceiver) to use any microphone or audio system, and activate the PTT with a CAT command?.
With TS570 works fine.

Thanks in advance.

Xavier
EA3EYD

[Non-text portions of this message have been removed]

7615. TS-850sat/ Cooling fan problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-02-12 17:14:41 UTC
From: n2unl
Topic: 7615 Message: 7615

I purchased a 850 with a mod to the cooling fan. They installed a external switch to direct 12v supply to the fan and i want to put the fan back where it suppose to be pluged or soldered (?)in on the board and go from there. Maybe the there is nothing wrong with the radio to control the fan but i have to start by finding where the fan plugs into to start.
Thanks to all reply's. Brian

7616. TS-690S infinite output v.s.w.r.

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-02-12 18:24:31 UTC
From: david269140
Topic: 7616 Message: 7616

My TS-690S has just developed this fault.

With the HF antenna port terminated in a dummy load all HF-bands display an infinite v.s.w.r. and the power consequently is pegged at around 10W or so.

For the 50MHz band there is a switchable option to select either an alternative antenna connector or the HF antenna connector.

With the switch set to the alternative (50MHz) connector and terminated with a dummy load I can achieve full output with 1:1 v.s.w.r.

With the switch set to the HF antenna connector and terminated with a dummy load the TS-690S displays an infinite v.s.w.r. and the output, as expected, is considerably reduced.

Clearly there is a fault associated with the HF antenna connector (switching) circuity.

Has anyone else had experience of this fault and/or can offer advice as to its cause.

73 David G4ASR

7617. TS-850 Mixer FET Change

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-02-12 20:23:29 UTC
From: kremper4-850@yahoo.com
Topic: 7617 Message: 7617


```
if (typeof YAHOO == "undefined") {
var YAHOO = {};
}
YAHOO.Shortcuts = YAHOO.Shortcuts || {};
YAHOO.Shortcuts.hasSensitiveText = false;
YAHOO.Shortcuts.sensitivityType = [];
YAHOO.Shortcuts.doUlt = false;
YAHOO.Shortcuts.location = "us";
YAHOO.Shortcuts.document_id = 0;
YAHOO.Shortcuts.document_type = "";
YAHOO.Shortcuts.document_title = "TS-850 Mixer FET Change";
YAHOO.Shortcuts.document_publish_date = "";
YAHOO.Shortcuts.document_author = "ppagel@...";
YAHOO.Shortcuts.document_url = "";
YAHOO.Shortcuts.document_tags = "";
YAHOO.Shortcuts.document_language = "english";
YAHOO.Shortcuts.annotationSet = {

};
YAHOO.Shortcuts.headerID = "9480acd5cb9cb4f69d963ba1ca254149";
```


In Kenwood Service Bulletin ASB 1046, mention is made of a 2nd mixer FET change from the 2SK520 (K44) to the 2SK520 (K43). I've been unable to locate a data sheet or source for these FETs. Does anyone know of a link for this information?

73,

Paul / N1FB

[Non-text portions of this message have been removed]

7618. Re: TS-690S infinite output v.s.w.r.

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-02-12 21:18:10 UTC
From: david269140
Topic: 7616 Message: 7618

OK - maybe I should have taken the covers off first before firing off an email to the group.

I found the fault!

I thought it might have been the switching relay but it was actually associated with the (HF) antenna connector.

There is a very small circuit board spigot 'W1' from which a 3mm long wire attaches to the centre conductor of the output socket.

Mysteriously it had disappeared. It almost looked like there was a dry joint on the centre connector, but the wire was missing anyway.

The back panel onto which the two SO-239 connectors are attached can flex a small amount.

I had been playing around with coaxial patch leads - commisioning a new amplifier - and I reckon it doesn't take much effort to significantly flex (more than a few millimetre) the back panel. This probably snapped the very small (3mm) link to the antenna connector.

Moral: Don't waggle your antenna lead when attaching it to the antenna socket especially if, like me, you use relatively inflexible 1/2" coaxial feeder.

73 David G4ASR

7619. MC43s

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-02-13 10:49:55 UTC
From: MM3XXW
Topic: 7619 Message: 7619

Before I go messing about would someone very kindly furnish me with
the pin-out wiring & corresponding colours to connect a 43s to the TS850.

My thanks in advance.

Martyn
MM3XXW

7620. Shure 522 Mic Wiring Pinout to TS-850S

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-02-13 18:44:40 UTC
From: Steve Gehring
Topic: 7620 Message: 7620

Someone emailed me concerning this, but somehow I misplaced or deleted the email.

Here's the info for wiring a Shure 522 to a 850S:

Pin 1 = Audio (White)
Pin 2 = STBY or Key Line (Red)
Pin 7 = Audio Ground (Green) *AND* Chassis (Shield)
Pin 8 = STBY or Key Ground (Black)

That's it.

Note: The 522 has provisions for a balanced output, hence Pin 7's unbalanced "two-wire" grounding configuration for the 850's "Foster" connector input.

73.

7621. RE: [TS-850_450_690] MC43s

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-02-14 05:45:29 UTC
From: Dave wej
Topic: 7619 Message: 7621

It should be in the manual.

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of MM3XXW
Sent: February 13, 2009 5:50 AM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] MC43s

Before I go messing about would someone very kindly furnish me with
the pin-out wiring & corresponding colours to connect a 43s to the TS850.

My thanks in advance.

Martyn
MM3XXW

[Non-text portions of this message have been removed]

7622. ts-450s filter question

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-02-14 06:21:55 UTC
From: tom
Topic: 7622 Message: 7622

I've just bought a ts450s and I'm not too sure the operation of the 8.83 and 455 filters.. Does either of these filters make the radio operate any wider or are these only for receive,,,BTW can this radio transmit wider for SSB....thanks
KC2LVJ
Tom

7623. Corrected: Shure 522 Mic Wiring Pinout to TS-850S

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-02-15 02:49:55 UTC
From: Steve Gehring
Topic: 7620 Message: 7623

All,

I rechecked the wiring between the attached Shure 522 pdf file against the 850S Instruction manual, and couldn't find anything wrong... then I actually opened up my mic's foster plug to see how I did it a few years ago.

Try this... for it works on my 850S:

Correct Wiring:

Pin 1 = Audio (White)
Pin 2 = STBY or Key Line (Red)
Pin 7 = STBY or Key Ground (Black)
Pin 8 = Audio Ground (Green) *AND* Chassis Ground (Stranded Shield)

Why the wiring between pins 7 & 8 (center pin) is now reversed is intriguing! It doesn't match the instruction manual... maybe someone made a mistake on page 13 of the Instruction Manual. Anyway, this is what works (above).

Anyhow, the 850S requires a unbalanced input. You'll notice the Shure 522 pdf Table 1 indicating the green wire NOT float, but be grounded to the sleeve of a typical 3-wire phono plug of old (same as the shield) for unbalanced wiring. In a balanced configuration, both the white and the green wires would carry audio out-of-phase (tip and ring), with the tip also carrying PTT.

73.

Steve Gehring wrote:
> Someone emailed me concerning this, but somehow I misplaced or deleted
> the email.
>
> Here's the info for wiring a Shure 522 to a 850S:
>
> Pin 1 = Audio (White)
> Pin 2 = STBY or Key Line (Red)
> Pin 7 = Audio Ground (Green) *AND* Chassis (Shield)
> Pin 8 = STBY or Key Ground (Black)
>
> That's it.
> Note: The 522 has provisions for a balanced output, hence Pin 7's
> unbalanced "two-wire" grounding configuration for the 850's "Foster"
> connector input.
>
> 73.

>
>
>

7624. Re: [TS-850_450_690] ts-450s filter question

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-02-15 04:36:24 UTC
From: Tom Osborne
Topic: 7622 Message: 7624

Hi Tom

Filters work only in receive.

Why would you want to make your transmit wider?? Best is to have it as narrow and clean as you can. Wider makes splatter. 73
Tom W7WHY

> I've just bought a ts450s and I'm not too sure the operation of the
> 8.83 and 455 filters.. Does either of these filters make the radio
> operate any wider or are these only for receive,,,BTW can this radio
> transmit wider for SSB....thanks
> KC2LVJ
> Tom

7625. TS-850 2SC2509 replacement

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-02-16 00:21:44 UTC
From: Zack Widup
Topic: 7625 Message: 7625

For the info of all on this group, I replaced the 2SC2509 drivers in the amp module of a TS-430 with 2SC1945 transistors. The same drivers are used in the TS-850S. These have about the same specs as the 2509's and the correct pinout, i.e. BEC when looking from left to right on the TO-220 package. The case is the emitter.

The 2SC1945 seems to be an adequate substitute for the 2SC2509. They are about $8 apiece from RF Parts.

Maybe I should put a note in the Files section?

73, Zack W9SZ

[Non-text portions of this message have been removed]

7626. Audio on TS-450

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-02-16 03:11:51 UTC
From: James (Jim) Martin
Topic: 7626 Message: 7626

I'm using the TS-450 for mobile operations. I have found that when I first turn the radio on. The audio is not there, meaning I need to either key the radio or key the ant. turner to have full audio. I have rechecked the ground, tighten down all the screws (both in side and out) on the radio.

If I'm not moving I only need to do this at the start of the operation. But going down the road the audio is in and out all the time. The radio is sitting on a board and is strapped on to the front seat of my vehicle. I'm looking for any ideas. Thanks, Jim

7627. Re: Audio on TS-450

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-02-16 06:00:54 UTC
From: Clif
Topic: 7626 Message: 7627

What does the s-meter do? Does it affect it?

Where is the squelch set?

Clif

--- In TS-850_450_690@yahoogroups.com, "James (Jim) Martin"
<wd0hbu@...> wrote:
>
> I'm using the TS-450 for mobile operations. I have found that when I
> first turn the radio on. The audio is not there, meaning I need to
> either key the radio or key the ant. turner to have full audio. I
> have rechecked the ground, tighten down all the screws (both in side
> and out) on the radio.
>
> If I'm not moving I only need to do this at the start of the
> operation. But going down the road the audio is in and out all the
> time. The radio is sitting on a board and is strapped on to the front
> seat of my vehicle. I'm looking for any ideas. Thanks, Jim
>

7628. Re: Audio on TS-450

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-02-16 08:24:41 UTC
From: James (Jim) Martin
Topic: 7626 Message: 7628

--- In TS-850_450_690@yahoogroups.com, "Clif" <clif@...> wrote:
>
> What does the s-meter do? Does it affect it?
>
> Where is the squelch set?
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "James (Jim) Martin"
> <wd0hbu@> wrote:
> >
> > I'm using the TS-450 for mobile operations. I have found that when I
> > first turn the radio on. The audio is not there, meaning I need to
> > either key the radio or key the ant. turner to have full audio. I
> > have rechecked the ground, tighten down all the screws (both in side
> > and out) on the radio.
> >
> > If I'm not moving I only need to do this at the start of the
> > operation. But going down the road the audio is in and out all the
> > time. The radio is sitting on a board and is strapped on to the front
> > seat of my vehicle. I'm looking for any ideas. Thanks, Jim
> >
>
The S-meter is at the bottom of the scale and the squelch is set at
wide open. Its acting like some thing is not making full contact.
Because the bumps on the road or my tapping on the cast will get the
same reaction. My only guess is maybe a relay is hanging up a little.
But I wouldn't think that it would be off and on. That is why I think
something is loose and not making a solid contact.

7629. Re: Audio on TS-450

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-02-16 13:55:16 UTC
From: Clif
Topic: 7626 Message: 7629

Most common thing I have found is the contacts on the SO-239 are
spread out a bit and intermittent. Try gently bending the "fingers" in
slightly and see what happens.

Clif

--- In TS-850_450_690@yahoogroups.com, "James (Jim) Martin"
<wd0hbu@...> wrote:
>
> --- In TS-850_450_690@yahoogroups.com, "Clif" <clif@> wrote:
> >
> > What does the s-meter do? Does it affect it?
> >
> > Where is the squelch set?
> >
> > Clif
> >
> > --- In TS-850_450_690@yahoogroups.com, "James (Jim) Martin"
> > <wd0hbu@> wrote:
> > >
> > > I'm using the TS-450 for mobile operations. I have found that
when I
> > > first turn the radio on. The audio is not there, meaning I need to
> > > either key the radio or key the ant. turner to have full audio. I
> > > have rechecked the ground, tighten down all the screws (both in side
> > > and out) on the radio.
> > >
> > > If I'm not moving I only need to do this at the start of the
> > > operation. But going down the road the audio is in and out all the
> > > time. The radio is sitting on a board and is strapped on to the
front
> > > seat of my vehicle. I'm looking for any ideas. Thanks, Jim
> > >
> >
> The S-meter is at the bottom of the scale and the squelch is set at
> wide open. Its acting like some thing is not making full contact.
> Because the bumps on the road or my tapping on the cast will get the
> same reaction. My only guess is maybe a relay is hanging up a little.
> But I wouldn't think that it would be off and on. That is why I think
> something is loose and not making a solid contact.
>

7630. Re: [TS-850_450_690] TS-850 2SC2509 replacement

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-02-16 18:37:58 UTC
From: kremper4-850@yahoo.com
Topic: 7625 Message: 7630

Thanks for sharing that, Zack. If I remember correctly, the 2SC2509s cost roughly $25 each from Kenwood Parts.

73,

Paul / N1FB

--- On Sun, 2/15/09, Zack Widup <w9sz.zack@...> wrote:

From: Zack Widup <w9sz.zack@...>
Subject: [TS-850_450_690] TS-850 2SC2509 replacement
To: TS-850_450_690@yahoogroups.com
Date: Sunday, February 15, 2009, 7:21 PM

For the info of all on this group, I replaced the 2SC2509 drivers in the amp module of a TS-430 with 2SC1945 transistors. The same drivers are used in the TS-850S. These have about the same specs as the 2509's and the correct pinout, i.e. BEC when looking from left to right on the TO-220 package. The case is the emitter.

The 2SC1945 seems to be an adequate substitute for the 2SC2509. They are about $8 apiece from RF Parts.

Maybe I should put a note in the Files section?

73, Zack W9SZ

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

7631. Re: [TS-850_450_690] TS-850 2SC2509 replacement

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-02-16 18:53:04 UTC
From: Zack Widup
Topic: 7625 Message: 7631

Not only that, but I've been told the 2SC2509's used in the rigs have a different pin-out. For some weird reason the newer ones are EBC. The old ones were BEC. The ones used in the rigs must've been specially made for the Kenwood rigs and are no longer available. I don't know how else to explain that!

73, Zack W9SZ

On Mon, Feb 16, 2009 at 12:37 PM, <kremper4-850@...> wrote:

> Thanks for sharing that, Zack. If I remember correctly, the 2SC2509s
> cost roughly $25 each from Kenwood Parts.
>
> 73,
>
> Paul / N1FB
>
> --- On Sun, 2/15/09, Zack Widup <w9sz.zack@...<w9sz.zack%40gmail.com>>
> wrote:
>
> From: Zack Widup <w9sz.zack@... <w9sz.zack%40gmail.com>>
> Subject: [TS-850_450_690] TS-850 2SC2509 replacement
> To: TS-850_450_690@yahoogroups.com <TS-850_450_690%40yahoogroups.com>
> Date: Sunday, February 15, 2009, 7:21 PM
>
>
> For the info of all on this group, I replaced the 2SC2509 drivers in the
> amp
> module of a TS-430 with 2SC1945 transistors. The same drivers are used in
> the TS-850S. These have about the same specs as the 2509's and the correct
> pinout, i.e. BEC when looking from left to right on the TO-220 package. The
> case is the emitter.
>
> The 2SC1945 seems to be an adequate substitute for the 2SC2509. They are
> about $8 apiece from RF Parts.
>
> Maybe I should put a note in the Files section?
>
> 73, Zack W9SZ
>
> [Non-text portions of this message have been removed]
>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

7632. Re: [TS-850_450_690] TS-850 2SC2509 replacement

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-02-17 17:51:52 UTC
From: kremper4-850@yahoo.com
Topic: 7625 Message: 7632

It appears you're correct about the pin arrangement, Zack.

The pin identification for the TS-850's 2SC2509 drivers (two are used) I see in the TS-850 Service Manual is different from that given in an NEC data sheet I downloaded for comparison. That difference could spell trouble.

73,

Paul / N1FB

--- On Mon, 2/16/09, Zack Widup <w9sz.zack@...> wrote:

From: Zack Widup <w9sz.zack@...>
Subject: Re: [TS-850_450_690] TS-850 2SC2509 replacement
To: TS-850_450_690@yahoogroups.com
Date: Monday, February 16, 2009, 1:53 PM

Not only that, but I've been told the 2SC2509's used in the rigs have a
different pin-out. For some weird reason the newer ones are EBC. The old
ones were BEC. The ones used in the rigs must've been specially made for the
Kenwood rigs and are no longer available. I don't know how else to explain
that!

73, Zack W9SZ

On Mon, Feb 16, 2009 at 12:37 PM, <kremper4-850@ yahoo.com> wrote:

> Thanks for sharing that, Zack. If I remember correctly, the 2SC2509s
> cost roughly $25 each from Kenwood Parts.
>
> 73,
>
> Paul / N1FB
>
> --- On Sun, 2/15/09, Zack Widup <w9sz.zack@gmail. com<w9sz.zack%40gmail. com>>
> wrote:
>
> From: Zack Widup <w9sz.zack@gmail. com <w9sz.zack%40gmail. com>>
> Subject: [TS-850_450_ 690] TS-850 2SC2509 replacement
> To: TS-850_450_690@ yahoogroups. com <TS-850_450_ 690%40yahoogroup s.com>
> Date: Sunday, February 15, 2009, 7:21 PM
>
>
> For the info of all on this group, I replaced the 2SC2509 drivers in the
> amp
> module of a TS-430 with 2SC1945 transistors. The same drivers are used in
> the TS-850S. These have about the same specs as the 2509's and the correct

> pinout, i.e. BEC when looking from left to right on the TO-220 package. The
> case is the emitter.
>
> The 2SC1945 seems to be an adequate substitute for the 2SC2509. They are
> about $8 apiece from RF Parts.
>
> Maybe I should put a note in the Files section?
>
> 73, Zack W9SZ
>
> [Non-text portions of this message have been removed]
>
> [Non-text portions of this message have been removed]
>
>
>

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[Non-text portions of this message have been removed]

7633. Inexpensive (about $20 shipped) USB to Kenwood Computer Interface

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-02-18 03:43:24 UTC
From: Rob Frohne
Topic: 7633 Message: 7633

Hi Everyone,

I recently wanted to update my computer control cable on my TS-850SAT to a USB one with RTS/CTS support. It took me a bit of work to get it all sorted out, but the result was worth it, especially with IF-232C units still going for more than $50 on ebay.

This interface should work with the following Kenwood radios: TS-50, TS-60, TS-140, TS-440, TS-450, TS-680, TS-690, TS-711, TS-721, TS-790, TS-811, TS-850, TS-950, R-5000.

I put up a short page on building it at:

http://people.wallawalla.edu/~Rob.Frohne/SDR/USB%20Interface/IF-232%20USB%20Replacement.html

I hope this is of use to some of you, and that it will make doing it much quicker and easier than it was for me.

73,

Rob, KL7NA

--
Rob Frohne, Ph.D., P.E.
E.F. Cross School of Engineering
Walla Walla University
100 SW 4th Street
College Place, WA 99324
(509) 527-2075 http://people.walllawalla.edu/~rob.frohne

[Non-text portions of this message have been removed]

7634. Kenwood Power Supply for TS-850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-02-18 08:39:04 UTC
From: Tracey Gardner
Topic: 7633 Message: 7634

Can someone please tell me which model/s of Kenwood power supplies were intended for use with the TS-850?

Many thanks

Tracey G5VU

7635. Re: Kenwood Power Supply for TS-850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-02-18 11:25:53 UTC
From: ik8vze
Topic: 7633 Message: 7635

ts for the 850 was built kenwood ps-52 dedicated, but you can make if
you do not find the kenwood ps-53, are the power supply to 13.8 volts
16 amperes, cooling through forced ventilation automatic limit exceeded
overheating
--- In TS-850_450_690@yahoogroups.com, "Tracey Gardner"
<tracey.gardner@...> wrote:
>
>
> Can someone please tell me which model/s of Kenwood power supplies
were
> intended for use with the TS-850?
>
> Many thanks
>
> Tracey G5VU
>

7636. Re: [TS-850_450_690] Kenwood Power Supply for TS-850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-02-18 10:47:38 UTC
From: Antonio M.
Topic: 7633 Message: 7636

Check this web

http://www.universal-radio.com/catalog/hamhf/ts850s.html

you can see all the options for this rtx.

Tony ea8uk

2009/2/18 Tracey Gardner <tracey.gardner@...>

>
> Can someone please tell me which model/s of Kenwood power supplies were
> intended for use with the TS-850?
>
> Many thanks
>
> Tracey G5VU
>
>
>

[Non-text portions of this message have been removed]

7637. Re: [TS-850_450_690] Kenwood Power Supply for TS-850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-02-18 10:33:03 UTC
From: Dennis Bombardiere
Topic: 7633 Message: 7637

PS - 52 Dennis W8YS

----- Original Message -----
From: Tracey Gardner
To: TS-850_450_690@yahoogroups.com
Sent: Wednesday, February 18, 2009 3:39 AM
Subject: [TS-850_450_690] Kenwood Power Supply for TS-850

Can someone please tell me which model/s of Kenwood power supplies were
intended for use with the TS-850?

Many thanks

Tracey G5VU

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 8.0.237 / Virus Database: 270.10.25/1957 - Release Date: 02/17/09 07:07:00

[Non-text portions of this message have been removed]

7638. Re: [TS-850_450_690] Kenwood Power Supply for TS-850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-02-18 08:51:04 UTC
From: Gene
Topic: 7633 Message: 7638

The TS-850 operating manual shows PS-31 and PS-52 heavy duty
supply. The PS-52 is still available

At 03:39 AM 2/18/2009, you wrote:

>Can someone please tell me which model/s of Kenwood power supplies were
>intended for use with the TS-850?
>
>Many thanks
>
>Tracey G5VU
>
>

[Non-text portions of this message have been removed]

7639. Re: Inexpensive (about $20 shipped) USB to Kenwood Computer Interface

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-02-18 08:01:26 UTC
From: Tooner
Topic: 7633 Message: 7639

Great info, thank you!

f, k2ncc

7640. Kenwood Power Supply for TS-850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-02-18 13:59:23 UTC
From: Tracey Gardner
Topic: 7633 Message: 7640

Many thanks to all those who have replied to my power supply question.

73s Tracey G5VU

7641. Re: [TS-850_450_690] Kenwood Power Supply for TS-850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-02-18 14:22:31 UTC
From: Crownhaven
Topic: 7633 Message: 7641

I think the PS-53 is a 22.5 amp supply vs. the 20 listed on the Universal Radio page. Didn't the TS-850S require a 20.5 amp supply which effectively directed everyone to purchase a new supply along with their radios as most of the supplies found at most operating positions at the time were 20 amps?????? I know mine was.

BTW, I like the PS-53 supply fine but it matches the 450/690 line. All of my power comes from a pair of 35 watt Astrons under the bench, out of sight. They don't look as nice but they are a lot cheaper.

Steve, N4JQQ

Tracey Gardner wrote:
>
> Many thanks to all those who have replied to my power supply question.
>
> 73s Tracey G5VU
>
>

7642. TS-850S - 13 Years Later

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-02-18 14:19:29 UTC
From: Crownhaven
Topic: 7642 Message: 7642

Most of you probably read this but some might not have. Article in ARRL QST magazine, "The TS-850S, 13 years later." You don't have to be a member to read it.

http://www.arrl.org/news/features/2007/10/13/1/

7643. Re: [TS-850_450_690] Kenwood Power Supply for TS-850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-02-18 14:29:22 UTC
From: Zack Widup
Topic: 7633 Message: 7643

PS-50 also works just fine. Although it was designed to match the TS-440S,
I've been using one with a TS-850 for 10 years with no problems.

73, Zack W9SZ

On 2/18/09, Tracey Gardner <tracey.gardner@...> wrote:
>
>
> Can someone please tell me which model/s of Kenwood power supplies were
> intended for use with the TS-850?
>
> Many thanks
>
> Tracey G5VU
>
>
>

[Non-text portions of this message have been removed]

7644. Re: [TS-850_450_690] Kenwood Power Supply for TS-850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-02-18 17:48:11 UTC
From: Paul Manuel
Topic: 7633 Message: 7644

--- On Wed, 2/18/09, Crownhaven <crownhaven@...> wrote:
>> I think the PS-53 is a 22.5 amp supply vs. the 20 listed on
> the
> Universal Radio page. Didn't the TS-850S require a
> 20.5 amp supply
> which effectively directed everyone to purchase a new
> supply along with
> their radios as most of the supplies found at most
> operating positions
> at the time were 20 amps??????

Surely not! Almost all 100W HF rigs are "rated" to draw at least 20A, but I've never seen one that did.

The Kenwood 430 and 440 also supposedly took 20.5A, according to the Universal web page.

That is a worst-case current draw that will seldom, if ever, be reached in practice. My 850 generally drew about 17A at 13.8V when running full power. That's 235W input, by the way. 20.5 A at 13.8V would be 283W input!

However, except times when I've been really strapped for cash, I've always tried to use at least a 25A supply so it wouldn't have to work very hard.

I'd sure like to have my 850 back...
73, Paul K4PDM

7645. Re: [TS-850_450_690] Re: Kenwood Power Supply for TS-850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-02-18 19:25:48 UTC
From: CT1EEK Nuno
Topic: 7633 Message: 7645

Kenwood PS-52

73s

----- Original Message -----
From: ik8vze
To: TS-850_450_690@yahoogroups.com
Sent: Wednesday, February 18, 2009 11:25 AM
Subject: [TS-850_450_690] Re: Kenwood Power Supply for TS-850

ts for the 850 was built kenwood ps-52 dedicated, but you can make if
you do not find the kenwood ps-53, are the power supply to 13.8 volts
16 amperes, cooling through forced ventilation automatic limit exceeded
overheating
--- In TS-850_450_690@yahoogroups.com, "Tracey Gardner"
<tracey.gardner@...> wrote:
>
>
> Can someone please tell me which model/s of Kenwood power supplies
were
> intended for use with the TS-850?
>
> Many thanks
>
> Tracey G5VU
>

[Non-text portions of this message have been removed]

7646. Re: [TS-850_450_690] Inexpensive (about $20 shipped) USB to Kenwood Computer Interface

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-02-19 01:51:47 UTC
From: Alan Riley
Topic: 7633 Message: 7646

Thanks, Rob. I have ordered the parts.

73,
Alan, KD5R

----- Original Message -----
From: "Rob Frohne" <rob.frohne@...>
To: <kenwood@...>; <TS-850_450_690@yahoogroups.com>
Sent: Tuesday, February 17, 2009 9:43 PM
Subject: [TS-850_450_690] Inexpensive (about $20 shipped) USB to Kenwood Computer Interface

> Hi Everyone,
>
> I recently wanted to update my computer control cable on my TS-850SAT to
> a USB one with RTS/CTS support. It took me a bit of work to get it all
> sorted out, but the result was worth it, especially with IF-232C units
> still going for more than $50 on ebay.
>
> This interface should work with the following Kenwood radios: TS-50,
> TS-60, TS-140, TS-440, TS-450, TS-680, TS-690, TS-711, TS-721, TS-790,
> TS-811, TS-850, TS-950, R-5000.
>
> I put up a short page on building it at:
>
> http://people.wallawalla.edu/~Rob.Frohne/SDR/USB%20Interface/IF-232%20USB%20Replacement.html
>
> I hope this is of use to some of you, and that it will make doing it
> much quicker and easier than it was for me.
>
> 73,
>
> Rob, KL7NA
>
> --
> Rob Frohne, Ph.D., P.E.
> E.F. Cross School of Engineering
> Walla Walla University
> 100 SW 4th Street
> College Place, WA 99324
> (509) 527-2075 http://people.walllawalla.edu/~rob.frohne
>
>

>
> [Non-text portions of this message have been removed]
>
>

7647. Re: TS-850S - 13 Years Later

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-02-19 02:00:12 UTC
From: Dan Janda
Topic: 7642 Message: 7647

Don't know why I missed it, but thanks for bringing it to our attention.

Dan
AA3LS

--- In TS-850_450_690@yahoogroups.com, Crownhaven <crownhaven@...> wrote:
>
> Most of you probably read this but some might not have. Article in
ARRL
> QST magazine, "The TS-850S, 13 years later." You don't have to be a
> member to read it.
>
> http://www.arrl.org/news/features/2007/10/13/1/
>

7648. Re: [TS-850_450_690] Re: TS-850S - 13 Years Later

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-02-19 02:29:56 UTC
From: Crownhaven
Topic: 7642 Message: 7648

You are very welcome. Really shows you the impact the radio had and how it has lasted. W3ZZ, in the latest issue of QST, compared transverter IFs using the new Elecraft, Flex Radio as well as a TS-850S. Not much difference in terms of performance for the application. You have to wonder what Kenwood was thinking when they quit building it. There must have been something else out there that everyone else wanted, parts were getting too expensive or hard to find, etc. It would be interesting to know. I think the 450/690 is a great radio too. Have both of them as well as an 870. I can't figure out whether I like the 870 better or the 850 so I have both of them at my operating position. :)))))

Steve, N4JQQ

Dan Janda wrote:
>
> Don't know why I missed it, but thanks for bringing it to our attention.
>
> Dan
> AA3LS
>
> --- In TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>, Crownhaven <crownhaven@...>
> wrote:
> >
> > Most of you probably read this but some might not have. Article in
> ARRL
> > QST magazine, "The TS-850S, 13 years later." You don't have to be a
> > member to read it.
> >
> > http://www.arrl.org/news/features/2007/10/13/1/
> <http://www.arrl.org/news/features/2007/10/13/1/>
> >
>
>

7649. TS-40 problem.

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-02-20 16:38:27 UTC
From: Kurt Cathcart
Topic: 7649 Message: 7649

Hello,

My TS-450 has developed a problem in the past few days. Occasionally when I transmit the SWR goes sky high and when I stop transmitting the receiver sounds like I don't have an antenna connected. Sometimes thumping the PTT or hitting a few dits on the key will clear this up. Sometimes engaging the auto tuner will help also. This last time it seems to be stuck in this bad condition. I'm thinking there is a problem with a relay somewhere. Where do I start looking?

-Kurt
kr2c

[Non-text portions of this message have been removed]

7650. Re: [TS-850_450_690] TS-40 problem.

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-02-21 04:33:16 UTC
From: Tom Osborne
Topic: 7649 Message: 7650

Hi Curt

Check the connection going from the antenna coax connector to the board.
This has been known to come loose and flex away from the board. 73
Tom W7WHy

> Hello,
>
> My TS-450 has developed a problem in the past few days. Occasionally when
> I transmit the SWR goes sky high and when I stop transmitting the receiver
> sounds like I don't have an antenna connected. Sometimes thumping the PTT
> or hitting a few dits on the key will clear this up. Sometimes engaging
> the auto tuner will help also. This last time it seems to be stuck in
> this bad condition. I'm thinking there is a problem with a relay
> somewhere. Where do I start looking?
>
> -Kurt
> kr2c

7651. RFI When Using TNC

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-02-21 22:22:48 UTC
From: Kevin Nathan
Topic: 7651 Message: 7651

Hi All,

I am encountering a problem with my 850 when I use my Kam TNC. When I have the cable connected from the HF port on the back of the Kam to the DIN connector and RCA RTTY jack on the radio I get a ton of RFI when I try to talk on SSB. Has anyone experienced this RFI and is there a cure?

Thanks much all and very 73.

Kevin :)
Amateur Radio: K7RX

7652. SO-1 TCXO

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-02-21 19:41:06 UTC
From: kremper4-850@yahoo.com
Topic: 7652 Message: 7652

Chris,

If you haven't already, sign up for and look at the Kenwood Yahoo Group:

http://groups.yahoo.com/group/TS-850_450_690/

Re the TCXO, here

http://groups.yahoo.com/group/TS-850_450_690/photos/album/1230381748/pic/1152685051/view?picmode=large&mode=tn&order=ordinal&start=1&dir=asc

and here

http://groups.yahoo.com/group/TS-850_450_690/photos/album/1230381748/pic/41692389/view?picmode=large&mode=tn&order=ordinal&start=1&dir=asc

are some TCXO items.

I located one TCXO mod here:

http://groups.yahoo.com/group/TS-850_450_690/message/2776

Another reference to it is here:

http://groups.yahoo.com/group/TS-850_450_690/message/2713

73,

Paul / N1FB

--- On Sat, 2/21/09, Chris Riedl <zappy@...> wrote:

From: Chris Riedl <zappy@...>
Subject: [Kenwood] SO-1 TCXO
To: kenwood@...
Date: Saturday, February 21, 2009, 1:00 PM

Greetings,

I was curious if anyone has found a suitable replacement (or knows
the more detailed parameters) for Kenwood's SO-1 TCXO. They are
about impossible to find and are likely very similar to off the shelf
TCXO's that can be found for fairly cheap these days. I know the
frequency is 20MHz and the package size, but not the output signal
type. Were detail spec sheets ever available? I wouldn't mind being
able to add one to my TS-940 if I can get the details and I'm sure
others would be attracted given the fairly inexpensive price.

73,
Chris, N9WIV

Kenwood mailing list
Home: http://mailman.qth.net/mailman/listinfo/kenwood
Help: http://mailman.qth.net/mmfaq.htm
Post: mailto:Kenwood@...

This list hosted by: http://www.qsl.net
Please help support this email list: http://www.qsl.net/donate.html

---
Kenwood mailing list
Home: http://mailman.qth.net/mailman/listinfo/kenwood
Help: http://mailman.qth.net/mmfaq.htm
Post: mailto:Kenwood@...

This list hosted by: http://www.qsl.net
Please help support this email list: http://www.qsl.net/donate.html

7653. Voltage - Current Regulator

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-02-21 20:01:10 UTC
From: kremper4-850@yahoo.com
Topic: 7653 Message: 7653

I'm trying to locate a source (and price)for the LD1084xx, a 5-A adjustable, voltage/current regulator IC.

I'd appreciate any leads.

73,

Paul / N1FB

[Non-text portions of this message have been removed]

7654. Re: [TS-850_450_690] RFI When Using TNC

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-02-21 23:13:35 UTC
From: Crownhaven
Topic: 7651 Message: 7654

This seems to be a common problem with the 450/850. When I used a TNC
with my TS-850S in AFSK, my audio was distorted. I think there might be
a fix for it. It was documented by Kenwood as a problem early on. It
isn't an issue with FSK but of course you are stuck with RTTY.

Never seems to be a problem with my TS-870S.

Steve, N4JQQ

Kevin Nathan wrote:
>
> Hi All,
>
> I am encountering a problem with my 850 when I use my Kam TNC. When I have
> the cable connected from the HF port on the back of the Kam to the DIN
> connector and RCA RTTY jack on the radio I get a ton of RFI when I try to
> talk on SSB. Has anyone experienced this RFI and is there a cure?
>
> Thanks much all and very 73.
>
> Kevin :)
> Amateur Radio: K7RX
>
>

7655. Re: [TS-850_450_690] RFI When Using TNC

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-02-21 23:18:12 UTC
From: Crownhaven
Topic: 7651 Message: 7655

Here is a link to a fix for the KAM/TS-450S problem you describe........

http://www.radiomods.co.nz/kenwood/kenwoodts450.html

Crownhaven wrote:
>
> This seems to be a common problem with the 450/850. When I used a TNC
> with my TS-850S in AFSK, my audio was distorted. I think there might be
> a fix for it. It was documented by Kenwood as a problem early on. It
> isn't an issue with FSK but of course you are stuck with RTTY.
>
> Never seems to be a problem with my TS-870S.
>
> Steve, N4JQQ
>
> Kevin Nathan wrote:
> >
> > Hi All,
> >
> > I am encountering a problem with my 850 when I use my Kam TNC. When
> I have
> > the cable connected from the HF port on the back of the Kam to the DIN
> > connector and RCA RTTY jack on the radio I get a ton of RFI when I
> try to
> > talk on SSB. Has anyone experienced this RFI and is there a cure?
> >
> > Thanks much all and very 73.
> >
> > Kevin :)
> > Amateur Radio: K7RX
> >
> >
>
>

7656. RE: [TS-850_450_690] Voltage - Current Regulator

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-02-21 23:00:38 UTC
From: John Parker
Topic: 7653 Message: 7656

http://www.mouser.com/Search/Refine.aspx?Keyword=511-LD1084V

HTH

John

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of kremper4-850@...
Sent: Saturday, February 21, 2009 12:01 PM
To: TS-850 Yahoo
Subject: [TS-850_450_690] Voltage - Current Regulator

I'm trying to locate a source (and price)for the LD1084xx, a 5-A adjustable,
voltage/current regulator IC.

I'd appreciate any leads.

73,

Paul / N1FB

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

7657. RE: [TS-850_450_690] RFI When Using TNC

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-02-22 02:28:29 UTC
From: Kevin Nathan
Topic: 7651 Message: 7657

thanks much. I'll take a look.

Kevin :)
Amateur Radio: K7RX

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of Crownhaven
Sent: Saturday, February 21, 2009 15:18
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] RFI When Using TNC

Here is a link to a fix for the KAM/TS-450S problem you describe.....

http://www.radiomod <http://www.radiomods.co.nz/kenwood/kenwoodts450.html>
s.co.nz/kenwood/kenwoodts450.html

Crownhaven wrote:
>
> This seems to be a common problem with the 450/850. When I used a TNC
> with my TS-850S in AFSK, my audio was distorted. I think there might be
> a fix for it. It was documented by Kenwood as a problem early on. It
> isn't an issue with FSK but of course you are stuck with RTTY.
>
> Never seems to be a problem with my TS-870S.
>
> Steve, N4JQQ
>
> Kevin Nathan wrote:
> >
> > Hi All,
> >
> > I am encountering a problem with my 850 when I use my Kam TNC. When
> I have
> > the cable connected from the HF port on the back of the Kam to the DIN
> > connector and RCA RTTY jack on the radio I get a ton of RFI when I
> try to
> > talk on SSB. Has anyone experienced this RFI and is there a cure?
> >
> > Thanks much all and very 73.
> >
> > Kevin :)
> > Amateur Radio: K7RX
> >
> >

>
>

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 8.0.237 / Virus Database: 270.11.2/1964 - Release Date: 02/21/09
11:05:00

[Non-text portions of this message have been removed]

7658. RE: [TS-850_450_690] Voltage - Current Regulator

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-02-22 15:08:38 UTC
From: kremper4-850@yahoo.com
Topic: 7653 Message: 7658

Thanks, John -- got it!

I fell into the same trap I've done before: making my search criteria too well-defined, too narrow. Both Mouser and Digi-Key sell the part at a very reasonable price.

73,

Paul / N1FB

--- On Sat, 2/21/09, John Parker <parkjv1@...> wrote:

From: John Parker <parkjv1@...>
Subject: RE: [TS-850_450_690] Voltage - Current Regulator
To: TS-850_450_690@yahoogroups.com
Date: Saturday, February 21, 2009, 6:00 PM

http://www.mouser. com/Search/ Refine.aspx? Keyword=511- LD1084V

HTH

John

From: TS-850_450_690@ yahoogroups. com [mailto:TS-850_450_690@ yahoogroups. com]
On Behalf Of kremper4-850@ yahoo.com
Sent: Saturday, February 21, 2009 12:01 PM
To: TS-850 Yahoo
Subject: [TS-850_450_ 690] Voltage - Current Regulator

I'm trying to locate a source (and price)for the LD1084xx, a 5-A adjustable, voltage/current regulator IC.

I'd appreciate any leads.

73,

Paul / N1FB

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

7659. Notice and Wanted to Find

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-02-23 19:13:22 UTC
From: Clif
Topic: 7659 Message: 7659

Kenwood has discontinued the YM6631 DDS chips and is rationing what little inventory they have.

Also I need to locate a source for the main processor for the TS850. It also has been discontinued. A search shows a lot of the suppliers supposedly have them in stock but I don't need $250 worth which is the usual minimum order.

The IC is a UPD78C106-36 which does not have an internal rom so it doesn't have to be programmed.

Any ideas???

Clif

7660. Re: [TS-850_450_690] Notice and Wanted to Find

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-02-23 19:27:46 UTC
From: Crownhaven
Topic: 7659 Message: 7660

Clif, I'm on medication today for the flu so I might not make sense......how much is the main processor? I would imagine if you told us we might need them eventually, you could get enough subscribers here to pitch in so we meet the $250 minimum, get you your stock and have something on hand for each of us in case???????????

Are you talking about two different items here......the YM6631 chips and the main processor or are they one and the same??????

Steve, N4JQQ

Clif wrote:
>
> Kenwood has discontinued the YM6631 DDS chips and is rationing what
> little inventory they have.
>
> Also I need to locate a source for the main processor for the TS850.
> It also has been discontinued. A search shows a lot of the suppliers
> supposedly have them in stock but I don't need $250 worth which is the
> usual minimum order.
>
> The IC is a UPD78C106-36 which does not have an internal rom so it
> doesn't have to be programmed.
>
> Any ideas???
>
> Clif
>
>

7661. ALC issues

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-02-23 21:12:24 UTC
From: Tom Kutz
Topic: 944 Message: 7661

Hi all,

I am new to this group having just joined last night. I am having a little problem with my TS-850 that I have owned and has run flawlessly since 1994. The ALC voltage would seem to oscillate over a period of a minute or two from max meter to normal. If I applied full power the power output would fall to minimum as the ALC voltage climbed up to maximum and then would return to normal of about 100 watts in a few seconds. I determined that the problem was the on the DC-DC board as described by ON7GO on N6TR's website. I changed R2 and R3 from 22k to 18k as suggested and the ALC is now stable. However, the RF output was very low. SO... I adjusted VR7 on the RF unit as per the service manual, item 25 on page 103. This adjustment was on 14.2 Mhz and I was able to get the RF up to 100 watts out with the ALC reading normal. BUT . . . . on 3.800 MHz the RF out is low and not near the 100 watts obtained on the other band. More like 30 watts. with the ALC mid-scale.

This is as far as I have gone but it indicates to me that I need some more alignment and thought that I would seek some new advice before digging in any farther. Does anyone on the group have any suggestions?

Also, let me tell you . . those SMD resisters are small and it is no easy job replacing them with discrete 1/4 watt resistors!!! But I got the job done and the board looks neat.

Hope someone out there can give me some advice.

Tom
WA0LRE

[Non-text portions of this message have been removed]

7662. Re: Notice and Wanted to Find

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-02-23 22:21:22 UTC
From: Clif
Topic: 7659 Message: 7662

Two different IC's. The only way I've seen the main processor fail is the I/O ports to the serial port. Everything else is fine but I've seen this failure several times. As long as you don't need computer control you will never know about it.

I am hoping someone has an in at one of the suppliers that has them in stock, I don't need but 2-3...

Clif

--- In TS-850_450_690@yahoogroups.com, Crownhaven <crownhaven@...> wrote:
>
> Clif, I'm on medication today for the flu so I might not make
> sense......how much is the main processor? I would imagine if you told
> us we might need them eventually, you could get enough subscribers here
> to pitch in so we meet the $250 minimum, get you your stock and have
> something on hand for each of us in case???????????
>
> Are you talking about two different items here......the YM6631 chips
and
> the main processor or are they one and the same??????
>
> Steve, N4JQQ
>
> Clif wrote:
> >
> > Kenwood has discontinued the YM6631 DDS chips and is rationing what
> > little inventory they have.
> >
> > Also I need to locate a source for the main processor for the TS850.
> > It also has been discontinued. A search shows a lot of the suppliers
> > supposedly have them in stock but I don't need $250 worth which is the
> > usual minimum order.
> >
> > The IC is a UPD78C106-36 which does not have an internal rom so it
> > doesn't have to be programmed.
> >
> > Any ideas???
> >
> > Clif
> >
> >
>

7663. Re: Notice and Wanted to Find

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-02-24 00:02:50 UTC
From: Roland Spoon
Topic: 7659 Message: 7663

Clif
I found this Web Page
http://www.hkinventory.com/public/OfferInventResult.asp?
Order=1&pnums=YM66312+&crit1=&crit2=&category=&product=&keywords=&word
s=3&country=&postdate=&brand=&crit3=&crit4=0&datecode=
That shows the DDS chip and who has them in stock as for the main
Prosser well that is a differnt story.
Roland AH6RR

--- In TS-850_450_690@yahoogroups.com, "Clif" <clif@...> wrote:
>
> Two different IC's. The only way I've seen the main processor fail
is
> the I/O ports to the serial port. Everything else is fine but I've
> seen this failure several times. As long as you don't need computer
> control you will never know about it.
>
> I am hoping someone has an in at one of the suppliers that has them
in
> stock, I don't need but 2-3...
>
> Clif
>
>
> --- In TS-850_450_690@yahoogroups.com, Crownhaven <crownhaven@>
wrote:
> >
> > Clif, I'm on medication today for the flu so I might not make
> > sense......how much is the main processor? I would imagine if
you told
> > us we might need them eventually, you could get enough
subscribers here
> > to pitch in so we meet the $250 minimum, get you your stock and
have
> > something on hand for each of us in case???????????
> >
> > Are you talking about two different items here......the YM6631
chips
> and
> > the main processor or are they one and the same??????
> >
> > Steve, N4JQQ
> >
> > Clif wrote:
> > >

> > > Kenwood has discontinued the YM6631 DDS chips and is rationing
what
> > > little inventory they have.
> > >
> > > Also I need to locate a source for the main processor for the
TS850.
> > > It also has been discontinued. A search shows a lot of the
suppliers
> > > supposedly have them in stock but I don't need $250 worth which
is the
> > > usual minimum order.
> > >
> > > The IC is a UPD78C106-36 which does not have an internal rom so
it
> > > doesn't have to be programmed.
> > >
> > > Any ideas???
> > >
> > > Clif
> > >
> > >
> >
>

7664. CW TX "dead" - is this a dreaded DDS chip failure?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-02-23 22:51:43 UTC
From: w8nf
Topic: 7664 Message: 7664

My '850 has ceased CW transmit. SSB is fine. But on CW, when I try to TX, the result is a fairly broad hash-like signal that tunes with the VFO knob. Low enough power output that it registers nothing on the front panel power meter. CW sidetone sounds normal. Receiving the rig on an adjacent receiver shows it to be hash.

Is this a symptom of a dreaded DDS chip failure?

I'm guessing, since those DDS chips have been unobtainium for something like ten years, the only solution is to find someone who's parting out a rig?

TNX,

73,

Dave W8NF

7665. Re: [TS-850_450_690] CW TX "dead" - is this a dreaded DDS chip failure?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-02-24 00:20:37 UTC
From: Dave Gmail
Topic: 7664 Message: 7665

vox on????? during cw

----- Original Message -----
From: w8nf
To: TS-850_450_690@yahoogroups.com
Sent: Monday, February 23, 2009 5:51 PM
Subject: [TS-850_450_690] CW TX "dead" - is this a dreaded DDS chip failure?

My '850 has ceased CW transmit. SSB is fine. But on CW, when I try
to TX, the result is a fairly broad hash-like signal that tunes with
the VFO knob. Low enough power output that it registers nothing on
the front panel power meter. CW sidetone sounds normal. Receiving
the rig on an adjacent receiver shows it to be hash.

Is this a symptom of a dreaded DDS chip failure?

I'm guessing, since those DDS chips have been unobtainium for
something like ten years, the only solution is to find someone who's
parting out a rig?

TNX,

73,

Dave W8NF

[Non-text portions of this message have been removed]

7666. Re: Notice and Wanted to Find

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-02-24 00:25:06 UTC
From: Clif
Topic: 7659 Message: 7666

The problem is they are all in China. I won't buy from China, again.

I bought some 2SC3133's from China for the 870/950. They had a Mitsubishi mark (sorta) on them but the date code wasn't in the right place and they were physically bigger than Mitsubishi parts. Long story short, they didn't work. Period. The B-E breakdown voltage is spec'd at 35v min. These broke down and shorted at 10v. hard to make them work when the supply is 15v.

No China for me.

Thanks for trying....

Clif

--- In TS-850_450_690@yahoogroups.com, "Roland Spoon" <Toesonnose@...> wrote:
>
> Clif
> I found this Web Page
> http://www.hkinventory.com/public/OfferInventResult.asp?
> Order=1&pnums=YM66312+&crit1=&crit2=&category=&product=&keywords=&word
> s=3&country=&postdate=&brand=&crit3=&crit4=0&datecode=
> That shows the DDS chip and who has them in stock as for the main
> Prosser well that is a differnt story.
> Roland AH6RR
>
> --- In TS-850_450_690@yahoogroups.com, "Clif" <clif@> wrote:
> >
> > Two different IC's. The only way I've seen the main processor fail
> is
> > the I/O ports to the serial port. Everything else is fine but I've
> > seen this failure several times. As long as you don't need computer
> > control you will never know about it.
> >
> > I am hoping someone has an in at one of the suppliers that has them
> in
> > stock, I don't need but 2-3...
> >
> > Clif
> >
> >
> > --- In TS-850_450_690@yahoogroups.com, Crownhaven <crownhaven@>
> wrote:
> > >
> > > Clif, I'm on medication today for the flu so I might not make

> > > sense......how much is the main processor? I would imagine if
> you told
> > > us we might need them eventually, you could get enough
> subscribers here
> > > to pitch in so we meet the $250 minimum, get you your stock and
> have
> > > something on hand for each of us in case???????????
> > >
> > > Are you talking about two different items here......the YM6631
> chips
> > and
> > > the main processor or are they one and the same??????
> > >
> > > Steve, N4JQQ
> > >
> > > Clif wrote:
> > > >
> > > > Kenwood has discontinued the YM6631 DDS chips and is rationing
> what
> > > > little inventory they have.
> > > >
> > > > Also I need to locate a source for the main processor for the
> TS850.
> > > > It also has been discontinued. A search shows a lot of the
> suppliers
> > > > supposedly have them in stock but I don't need $250 worth which
> is the
> > > > usual minimum order.
> > > >
> > > > The IC is a UPD78C106-36 which does not have an internal rom so
> it
> > > > doesn't have to be programmed.
> > > >
> > > > Any ideas???
> > > >
> > > > Clif
> > > >
> > > >
> > > >
> > >
> >
>

7667. Re: CW TX "dead" - is this a dreaded DDS chip failure?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-02-24 01:25:12 UTC
From: Clif
Topic: 7664 Message: 7667

Most likely.

They became almost unobtanium this month.

Clif

--- In TS-850_450_690@yahoogroups.com, "w8nf" <w8nf@...> wrote:
>
> My '850 has ceased CW transmit. SSB is fine. But on CW, when I try
> to TX, the result is a fairly broad hash-like signal that tunes with
> the VFO knob. Low enough power output that it registers nothing on
> the front panel power meter. CW sidetone sounds normal. Receiving
> the rig on an adjacent receiver shows it to be hash.
>
> Is this a symptom of a dreaded DDS chip failure?
>
> I'm guessing, since those DDS chips have been unobtainium for
> something like ten years, the only solution is to find someone who's
> parting out a rig?
>
> TNX,
>
> 73,
>
> Dave W8NF
>

7668. Re: [TS-850_450_690] Re: CW TX "dead" - is this a dreaded DDS chip failure?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-02-24 01:59:46 UTC
From: Steve Gehring
Topic: 7664 Message: 7668

Psst... please don't drive the cost of Unobtainium through the roof just yet! ;-)

73 de Steve, NL7W

Clif wrote:
>
> Most likely.
>
> They became almost unobtanium this month.
>
> Clif
>
>
>

7669. Re: CW TX "dead" - is this a dreaded DDS chip failure?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-02-24 05:16:08 UTC
From: w8nf
Topic: 7664 Message: 7669

Yes. The TX light illuminates, the RX mutes, and it DOES transmit -
just broadband hash instead of a CW signal. The hash amplitude does
vary with the CAR level.

--- In TS-850_450_690@yahoogroups.com, "Dave Gmail" <ve3wej@...> wrote:
>
> vox on????? during cw
>
>
> ----- Original Message -----
> From: w8nf
> To: TS-850_450_690@yahoogroups.com
> Sent: Monday, February 23, 2009 5:51 PM
> Subject: [TS-850_450_690] CW TX "dead" - is this a dreaded DDS
chip failure?
>
>
> My '850 has ceased CW transmit. SSB is fine. But on CW, when I try
> to TX, the result is a fairly broad hash-like signal that tunes with
> the VFO knob. Low enough power output that it registers nothing on
> the front panel power meter. CW sidetone sounds normal. Receiving
> the rig on an adjacent receiver shows it to be hash.
>
> Is this a symptom of a dreaded DDS chip failure?
>
> I'm guessing, since those DDS chips have been unobtainium for
> something like ten years, the only solution is to find someone who's
> parting out a rig?
>
> TNX,
>
> 73,
>
> Dave W8NF
>
>
>
>
> [Non-text portions of this message have been removed]
>

7670. Re: [TS-850_450_690] ALC issues

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-02-24 10:02:29 UTC
From: OE3MZC ÖVSV Dachverband
Topic: 944 Message: 7670

Hi Tom,
I am having the same problem with the unstable ALC of TS-850, but I have not yet performed the modification of the DCDC-board as proposed.
You said, you have changed the resistors on the DCDC-board. Did this give you the required -6Vdc output on DCDC-board?

I wonder, because if the DCDC is ok again, there should not be any realignment necessary.
hw?
vy 73 de Mike
OE3MZC

----- Original Message -----
From: Tom Kutz
To: TS-850_450_690@yahoogroups.com
Sent: Monday, February 23, 2009 10:12 PM
Subject: [TS-850_450_690] ALC issues

Hi all,

I am new to this group having just joined last night. I am having a little problem with my TS-850 that I have owned and has run flawlessly since 1994. The ALC voltage would seem to oscillate over a period of a minute or two from max meter to normal. If I applied full power the power output would fall to minimum as the ALC voltage climbed up to maximum and then would return to normal of about 100 watts in a few seconds. I determined that the problem was the on the DC-DC board as described by ON7GO on N6TR's website. I changed R2 and R3 from 22k to 18k as suggested and the ALC is now stable. However, the RF output was very low. SO... I adjusted VR7 on the RF unit as per the service manual, item 25 on page 103. This adjustment was on 14.2 Mhz and I was able to get the RF up to 100 watts out with the ALC reading normal. BUT . . . . on 3.800 MHz the RF out is low and not near the 100 watts obtained on the other band. More like 30 watts. with the ALC mid-scale.

This is as far as I have gone but it indicates to me that I need some more alignment and thought that I would seek some new advice before digging in any farther. Does anyone on the group have any suggestions?

Also, let me tell you . . those SMD resisters are small and it is no easy job replacing them with discrete 1/4 watt resistors!!! But I got the job done and the board looks neat.

Hope someone out there can give me some advice.

Tom
WA0LRE

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

7671. TS-850S sidetone pitch frequency query

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-02-24 10:08:48 UTC
From: Tony Roskilly
Topic: 7671 Message: 7671

Hi,
I've recently checked the audio freqs produced by the sidetone on my 850 against a spectrum analyser and frequency counter both of know high accuracy, the sidetone frequencies seem about 20 to 30 Hz off, this isn't a huge problem but I would like to be able to net really spot on to other signals.
Is there a way of adjusting the sidetone pitch apart from the steps via the front panel control please?
Vy 73
Tony G3ZRJ

[Non-text portions of this message have been removed]

7672. Re: [TS-850_450_690] ALC issues

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-02-24 16:19:52 UTC
From: Tom Kutz
Topic: 944 Message: 7672

Hi Mike,

Yes - the 6 volts were right on. My stupidity exposed itself when this morning I again got back to the rig and realized that I had not retuned the antenna tuner and it was still loaded for 20 meters rather than 75. Everything appears to be working normal now. Thanks for the concern.

The toughest part of the repair is removing the SMD resistors and getting a full sized 1/4 watt to fit in their place. I didn't remove the DC-DC board from the RF unit and chose to work on it while still installed on the RF unit. It is delicate work but not that difficult. Go for it. My ALC settled down to normal now.

Thanks

Tom
WA0LRE

----- Original Message -----
From: OE3MZC ÖVSV Dachverband
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, February 24, 2009 4:02 AM
Subject: Re: [TS-850_450_690] ALC issues

Hi Tom,
I am having the same problem with the unstable ALC of TS-850, but I have not yet performed the modification of the DCDC-board as proposed.
You said, you have changed the resistors on the DCDC-board. Did this give you the required -6Vdc output on DCDC-board?

I wonder, because if the DCDC is ok again, there should not be any realignment necessary.
hw?
vy 73 de Mike
OE3MZC

----- Original Message -----
From: Tom Kutz
To: TS-850_450_690@yahoogroups.com
Sent: Monday, February 23, 2009 10:12 PM
Subject: [TS-850_450_690] ALC issues

Hi all,

I am new to this group having just joined last night. I am having a little problem with my TS-850 that I have owned and has run flawlessly since 1994. The ALC voltage would seem to oscillate over a period of a minute or two from max meter to normal. If I applied full power the power output would fall to minimum as the ALC voltage climbed up to maximum and then would return to normal of about 100 watts in a few seconds. I determined that the

problem was the on the DC-DC board as described by ON7GO on N6TR's website. I changed R2 and R3 from 22k to 18k as suggested and the ALC is now stable. However, the RF output was very low. SO... I adjusted VR7 on the RF unit as per the service manual, item 25 on page 103. This adjustment was on 14.2 Mhz and I was able to get the RF up to 100 watts out with the ALC reading normal. BUT . . . . on 3.800 MHz the RF out is low and not near the 100 watts obtained on the other band. More like 30 watts. with the ALC mid-scale.

This is as far as I have gone but it indicates to me that I need some more alignment and thought that I would seek some new advice before digging in any farther. Does anyone on the group have any suggestions?

Also, let me tell you . . those SMD resisters are small and it is no easy job replacing them with discrete 1/4 watt resistors!!! But I got the job done and the board looks neat.

Hope someone out there can give me some advice.

Tom
WA0LRE

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

7673. Re: [TS-850_450_690] ALC issues

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-02-24 19:07:31 UTC
From: kremper4-850@yahoo.com
Topic: 944 Message: 7673

Tom,

I've no advice to offer regarding the ALC/power issues, but rather selfishly have a question instead: How did you go about removing the DC-DC converter board to change the resistor values? Did you cut the PC-board pins?

Those SMD resistors are indeed small -- unbelievably small when viewed without eyeglasses aided by magnifiers capable of identifying male flies from female flies on the moon... Stabilizing the motion of the soldering iron is another matter.

73,

Paul / N1FB

--- On Mon, 2/23/09, Tom Kutz <tkutz@...> wrote:

From: Tom Kutz <tkutz@...>
Subject: [TS-850_450_690] ALC issues
To: TS-850_450_690@yahoogroups.com
Date: Monday, February 23, 2009, 4:12 PM

Hi all,

I am new to this group having just joined last night. I am having a little problem with my TS-850 that I have owned and has run flawlessly since 1994. The ALC voltage would seem to oscillate over a period of a minute or two from max meter to normal. If I applied full power the power output would fall to minimum as the ALC voltage climbed up to maximum and then would return to normal of about 100 watts in a few seconds. I determined that the problem was the on the DC-DC board as described by ON7GO on N6TR's website. I changed R2 and R3 from 22k to 18k as suggested and the ALC is now stable. However, the RF output was very low. SO... I adjusted VR7 on the RF unit as per the service manual, item 25 on page 103. This adjustment was on 14.2 Mhz and I was able to get the RF up to 100 watts out with the ALC reading normal. BUT . . . . on 3.800 MHz the RF out is low and not near the 100 watts obtained on the other band. More like 30 watts. with the ALC mid-scale.

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Also, let me tell you . . those SMD resisters are small and it is no easy job replacing them with discrete 1/4 watt resistors!!! But I got the job done and the board looks neat.

Hope someone out there can give me some advice.

Tom
WA0LRE

[Non-text portions of this message have been removed]

7674. Re: [TS-850_450_690] TS-850S sidetone pitch frequency query

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-02-24 20:07:57 UTC
From: Dave Gmail
Topic: 7671 Message: 7674

i beleive the cw sidetone freq is set by the menu in the radio.. i dont think it is closer than 50 hz spacing...

when you say it seems, are you using a scope or your ears???

----- Original Message -----
From: Tony Roskilly
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, February 24, 2009 5:08 AM
Subject: [TS-850_450_690] TS-850S sidetone pitch frequency query

Hi,
I've recently checked the audio freqs produced by the sidetone on my 850 against a spectrum analyser and frequency counter both of know high accuracy, the sidetone frequencies seem about 20 to 30 Hz off, this isn't a huge problem but I would like to be able to net really spot on to other signals.
Is there a way of adjusting the sidetone pitch apart from the steps via the front panel control please?
Vy 73
Tony G3ZRJ

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

7675. Re: TS-850S sidetone pitch frequency query

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-02-24 22:50:24 UTC
From: w8nf
Topic: 7671 Message: 7675

--- In TS-850_450_690@yahoogroups.com, "Tony Roskilly"
<g3zrj.morsekey@...> wrote:
>
> Hi,
> I've recently checked the audio freqs produced by the sidetone on my
850 against a spectrum analyser and frequency counter both of know
high accuracy, the sidetone frequencies seem about 20 to 30 Hz off,
this isn't a huge problem but I would like to be able to net really
spot on to other signals.
> Is there a way of adjusting the sidetone pitch apart from the steps
via the front panel control please?
> Vy 73
> Tony G3ZRJ
>
> [Non-text portions of this message have been removed]
>

The CW sidetone signal is generated by the same DDS chips that
generate the actual transmitted signal. If the sidetone pitch is 20Hz
off what you expect it to be, then the TX signal will be off by the
same amount and you'll be zero beat.

Unless it's some other osc in the rig in the TX chain that's off freq.

Look at the block diagram in the service manual - it's incredible how
they did the frequency conversions in the rig.

DAve W8NF

7676. Kenwood Coaxial Cable Connectors

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-02-24 23:14:49 UTC
From: kremper4-850@yahoo.com
Topic: 7676 Message: 7676

I'm trying to identify -- and get the part number for -- the male coaxial-cable connectors that are used for the TS-850 board-to-board interconnecting cables.

Are those connectors available?

Has anyone successfully removed and reused the connectors? They appear to be crimp connectors, which to me would negate their reuse.

73,

Paul / N1FB

7677. Re: Kenwood Coaxial Cable Connectors

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-02-24 23:38:15 UTC
From: Clif
Topic: 7676 Message: 7677

Contact Inrad, their kits have made up cables using those so they got
them somewhere...

Clif

--- In TS-850_450_690@yahoogroups.com, kremper4-850@... wrote:
>
> I'm trying to identify -- and get the part number for -- the male
coaxial-cable connectors that are used for the TS-850 board-to-board
interconnecting cables.
>
> Are those connectors available?
>
> Has anyone successfully removed and reused the connectors? They
appear to be crimp connectors, which to me would negate their reuse.
>
> 73,
>
> Paul / N1FB
>

7678. Re: [TS-850_450_690] Re: Kenwood Coaxial Cable Connectors

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-02-25 00:31:51 UTC
From: kremper4-850@yahoo.com
Topic: 7676 Message: 7678

Thank you, Clif.

73,

Paul / N1FB

--- On Tue, 2/24/09, Clif <clif@avvid.com> wrote:

From: Clif <clif@...>
Subject: [TS-850_450_690] Re: Kenwood Coaxial Cable Connectors
To: TS-850_450_690@yahoogroups.com
Date: Tuesday, February 24, 2009, 6:38 PM

Contact Inrad, their kits have made up cables using those so they got
them somewhere...

Clif

--- In TS-850_450_690@ yahoogroups. com, kremper4-850@ ... wrote:
>
> I'm trying to identify -- and get the part number for -- the male
coaxial-cable connectors that are used for the TS-850 board-to-board
interconnecting cables.
>
> Are those connectors available?
>
> Has anyone successfully removed and reused the connectors? They
appear to be crimp connectors, which to me would negate their reuse.
>
> 73,
>
> Paul / N1FB
>

[Non-text portions of this message have been removed]

7679. LDG KT-100

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-02-25 13:39:22 UTC
From: Crownhaven
Topic: 7679 Message: 7679

This is the tuner that LDG has designed to replace the Kenwood AT-300 that is discontinued. It is an outboard tuner for the TS-450/850 among others that is controlled from the front panel of the radio. I recently acquired one and it works great. It comes with the control cable that plugs into the back of your Kenwood as well as a coax jumper. No external power source is needed. It is powered by the radio. The only difference between this tuner and the internal tuner, that I can see, is it does not display the SWR on the radio's meter as it is tuning. You simply get a red light on the front of the tuner and then it turns green and turns the rig back to you in receive mode. It tunes VERY fast and appears to offer a wider range of tuning than the internal tuner. It is very small, just a little larger than the palm of your hand. Light as a feather. I needed a tuner for one of my TS-850s and couldn't find the internal tuner. This looks like it might be a better choice. Your mileage may vary.

Steve, N4JQQ

7680. Re: TS-850S sidetone pitch frequency query

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-02-25 18:32:40 UTC
From: Tony roskilly
Topic: 7671 Message: 7680

Kenwood TS-850_450_690Thanks for the responses re the query,
Excuse my rather lame brain (lots of pills sloshing about in my bloodstream doesn't help) here goes with another RQ:
As Dave W8NF advises that the sidetone and RF freqs will have the same offset, does this mean that my
actual RF signal is going to be slightly off w.r.t the freq display ?

I'm afraid I don't now have access
the expensive test gear, was round at a buddies QTH, so can't check the radiated frequencies to greater
accuracy than 100 Hz on my own freq counter. I have used ZelScope, soundcard based audio spectrum
analyser to produce the following figures which might (or might not) be of interest:

TS-850S Sidetone Pitch frequency analysis
Via Zelscope software/soundcard AF Spec. An.

Sidetone Measured Audio Freqs
1000 Hz 986.3 Hz
950 Hz 945.6 Hz
900 Hz 900.0 Hz
850 Hz 844.4 Hz
800 Hz 792.6 Hz
750 Hz 748.2 Hz
700 Hz 696.3 Hz
650 Hz 648.2 Hz
600 Hz 596.3 Hz
550 Hz 551.8 Hz
500 Hz 492.6 Hz
450 Hz 444.5 Hz
400 Hz 396.3 Hz

Thanks again for the interest
73 Tony G3ZRJ (info at QRZ.COM)

[Non-text portions of this message have been removed]

7681. Re: TS-850S sidetone pitch frequency query

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-02-25 20:15:06 UTC
From: Tony roskilly
Topic: 7671 Message: 7681

Thanks for the responses re the query,
Excuse my rather lame brain (lots of pills sloshing about in my bloodstream doesn't help) here goes with another RQ:
As Dave W8NF advises that the sidetone and RF freqs will have the same offset, does this mean that my
actual RF signal is going to be slightly off w.r.t the freq display ?

I'm afraid I don't now have access
the expensive test gear, was round at a buddies QTH, so can't check the radiated frequencies to greater
accuracy than 100 Hz on my own freq counter. I have used ZelScope, soundcard based audio spectrum
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TS-850S Sidetone Pitch frequency analysis
Via Zelscope software/soundcard AF Spec. An.

Sidetone Measured Audio Freqs
1000 Hz 986.3 Hz
950 Hz 945.6 Hz
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700 Hz 696.3 Hz
650 Hz 648.2 Hz
600 Hz 596.3 Hz
550 Hz 551.8 Hz
500 Hz 492.6 Hz
450 Hz 444.5 Hz
400 Hz 396.3 Hz

Thanks again for the interest
73 Tony G3ZRJ (info at QRZ.COM)

[Non-text portions of this message have been removed]

7682. Re: Kenwood Coaxial Cable Connectors

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-02-26 02:07:10 UTC
From: n4umj
Topic: 7676 Message: 7682

I have a note somewhere saying that they are called MM connectors.

With all the parting out of radio's nowdays I bet there are a few
used ones floating around.

I never have seen the crimper for these and have always wondered how
they are crimped as it's not the typical hex or roundcrimp.

I came up with a few numbers:

RFM-2100-1 Plug
RFM-2102 PC Mount (vertical) Socket
RFM-2102-1 and RFM-2102-2 45 degree PC-Mount

I am almost sure these are the ones used on the Kenwood and ICOM
radios. I have also seen them used in the Realistic PRO-2004 2005
2006 series of scanners.

Ed
N4UMJ

--- In TS-850_450_690@yahoogroups.com, kremper4-850@... wrote:
>
> I'm trying to identify -- and get the part number for -- the male
coaxial-cable connectors that are used for the TS-850 board-to-board
interconnecting cables.
>
> Are those connectors available?
>
> Has anyone successfully removed and reused the connectors? They
appear to be crimp connectors, which to me would negate their reuse.
>
> 73,
>
> Paul / N1FB
>

7683. Re: [TS-850_450_690] Re: Kenwood Coaxial Cable Connectors

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-02-26 15:50:31 UTC
From: kremper4-850@yahoo.com
Topic: 7676 Message: 7683

Thanks for the information, Ed.

The crimping method is something I've not seen elsewhere; perhaps it's indigenous to the Asian market.

73,

Paul / N1FB

--- On Wed, 2/25/09, n4umj <cbryant@...> wrote:

From: n4umj <cbryant@...>
Subject: [TS-850_450_690] Re: Kenwood Coaxial Cable Connectors
To: TS-850_450_690@yahoogroups.com
Date: Wednesday, February 25, 2009, 9:07 PM

I have a note somewhere saying that they are called MM connectors.

With all the parting out of radio's nowdays I bet there are a few
used ones floating around.

I never have seen the crimper for these and have always wondered how
they are crimped as it's not the typical hex or roundcrimp.

I came up with a few numbers:

RFM-2100-1 Plug
RFM-2102 PC Mount (vertical) Socket
RFM-2102-1 and RFM-2102-2 45 degree PC-Mount

I am almost sure these are the ones used on the Kenwood and ICOM
radios. I have also seen them used in the Realistic PRO-2004 2005
2006 series of scanners.

Ed
N4UMJ

--- In TS-850_450_690@ yahoogroups. com, kremper4-850@ ... wrote:
>
> I'm trying to identify -- and get the part number for -- the male
coaxial-cable connectors that are used for the TS-850 board-to-board
interconnecting cables.
>
> Are those connectors available?
>
> Has anyone successfully removed and reused the connectors? They
appear to be crimp connectors, which to me would negate their reuse.
>

> 73,
>
> Paul / N1FB
>

[Non-text portions of this message have been removed]

7684. Re: [TS-850_450_690] ALC issues

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-03-02 07:08:59 UTC
From: Mike Zwingl oe3mzc
Topic: 944 Message: 7684

but what about simply replacing the DCDC board by a negative voltage regulator 7906.
If the task of the DCDC board is simply to produce negative 6 Volt out of 13Volt, this should work ...?

Has anyone ever tried this?

vy 73 de Mike
oe3mzc

----- Original Message -----
From: kremper4-850@...
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, February 24, 2009 8:07 PM
Subject: Re: [TS-850_450_690] ALC issues

Tom,

I've no advice to offer regarding the ALC/power issues, but rather selfishly have a question instead: How did you go about removing the DC-DC converter board to change the resistor values? Did you cut the PC-board pins?

Those SMD resistors are indeed small -- unbelievably small when viewed without eyeglasses aided by magnifiers capable of identifying male flies from female flies on the moon... Stabilizing the motion of the soldering iron is another matter.

73,

Paul / N1FB

--- On Mon, 2/23/09, Tom Kutz <tkutz@...> wrote:

From: Tom Kutz <tkutz@...>
Subject: [TS-850_450_690] ALC issues
To: TS-850_450_690@yahoogroups.com
Date: Monday, February 23, 2009, 4:12 PM

Hi all,

I am new to this group having just joined last night. I am having a little problem with my TS-850 that I have owned and has run flawlessly since 1994. The ALC voltage would seem to oscillate over a period of a minute or two from max meter to normal. If I applied full power the power output would fall to minimum as the ALC voltage climbed up to maximum and then would return to normal of about 100 watts in a few seconds. I determined that the problem was the on the DC-DC board as described by ON7GO on N6TR's website. I changed R2 and R3 from 22k to 18k as suggested and the ALC is now stable. However, the RF output was very low. SO... I adjusted VR7 on the RF unit as per the service manual, item 25 on page 103. This adjustment was on 14.2 Mhz and I was able to get the RF up to 100 watts out with the ALC reading normal. BUT . . . . on 3.800 MHz the RF out is low and not near the 100

watts obtained on the other band. More like 30 watts. with the ALC
mid-scale.

This is as far as I have gone but it indicates to me that I need some more alignment and thought that I would seek some new advice before digging in any farther. Does anyone on the group have any suggestions?

Also, let me tell you . . those SMD resisters are small and it is no easy job replacing them with discrete 1/4 watt resistors!!! But I got the job done and the board looks neat.

Hope someone out there can give me some advice.

Tom
WA0LRE

[Non-text portions of this message have been removed]

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7685. Re: [TS-850_450_690] TS-850SAT Distorted Transmit

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-03-02 07:26:50 UTC
From: Mike Zwingl oe3mzc
Topic: 7451 Message: 7685

with TS-850 distortion mostly happens due to rf ingress from the rear tnc connector (AFSK-in).

However, very similar effects are obvious, if voltage of 13,8V power supply is dropping due to poor contact at connector.
If you just have 0,1 Ohm additional resistance at that old Kenwood type power supply connector of the rig, you will loose more than 2 Volts at transmit
which could cause the finals to produce severe rf distortion. (0.1Rx20A=2V)

By the way, it also often causes the so called "ALC issue" of TS 850 DCDC-board,which will not work correctly at low dc voltage.

73 de Mike
oe3mzc

----- Original Message -----
From: Robert Hunter
To: TS-850_450_690@yahoogroups.com
Sent: Monday, December 08, 2008 11:05 PM
Subject: RE: [TS-850_450_690] TS-850SAT Distorted Transmit

Just as a wild guess, might there be an RFI issue?

I live on a postage stamp lot and run power, with 75 and 40 dipoles not too far overhead. Had RF getting in the on the mic.

I now have a Rig Blaster Pro with torroids on the internal mic jumpers and in the past, before rig blasters, a torroid on the mic cable. Which seems to have solved the problem.

By the way I am using 77 mix torroids FT 240, 140 and ½ inch.

Bob NG2P

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com] On Behalf Of k5box
Sent: Friday, December 05, 2008 10:35 AM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] TS-850SAT Distorted Transmit

My TS-850AT developed a distorted transmit problem.RF output is stable.Receive is just fine.Would the caps on the carrier board cause this problem?Is someone selling the complete cap kit for the carrier board?I am needing to change out mine and another one for a friend.If a kit isn't available can someone direct me to what supplyer has them and there part #'s
I have read all this years threads and have realy enjoyed all the technical information the group has posted.Thx's for any hints to what

I need to look for.

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

7686. Re: ALC issues

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-03-02 15:07:26 UTC
From: Ronald Ellwood-Thompson
Topic: 944 Message: 7686

Hi Mike,
Your idea has 'legs' and seems a good idea, can you possibly explain some more please. I wonder why Kenwood did not think of this at the time.
73s.
Ron (GW1HIN)

--- In TS-850_450_690@yahoogroups.com, "Mike Zwingl oe3mzc" <oe3mzc@...> wrote:
>
> but what about simply replacing the DCDC board by a negative voltage regulator 7906.
> If the task of the DCDC board is simply to produce negative 6 Volt out of 13Volt, this should work ...?
>
> Has anyone ever tried this?
>
> vy 73 de Mike
> oe3mzc
>
> ----- Original Message -----
> From: kremper4-850@...
> To: TS-850_450_690@yahoogroups.com
> Sent: Tuesday, February 24, 2009 8:07 PM
> Subject: Re: [TS-850_450_690] ALC issues
>
>
> Tom,
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> Those SMD resistors are indeed small -- unbelievably small when viewed without eyeglasses aided by magnifiers capable of identifying male flies from female flies on the moon... Stabilizing the motion of the soldering iron is another matter.
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> 73,
>
> Paul / N1FB
>
> --- On Mon, 2/23/09, Tom Kutz <tkutz@...> wrote:
>

> From: Tom Kutz <tkutz@...>
> Subject: [TS-850_450_690] ALC issues
> To: TS-850_450_690@yahoogroups.com
> Date: Monday, February 23, 2009, 4:12 PM
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> Hi all,
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per the service manual, item 25 on page 103. This adjustment was on
14.2 Mhz and I was able to get the RF up to 100 watts out with the
ALC reading normal. BUT . . . . on 3.800 MHz the RF out is low and
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> Tom
> WA0LRE
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> [Non-text portions of this message have been removed]
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7687. Re: [TS-850_450_690] ALC issues

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-03-02 15:52:40 UTC
From: Tom Kutz
Topic: 944 Message: 7687

Paul - N1FB

I'm sorry that I didn't see your query when you sent it or I would have replied sooner. Only today did I realize that you had asked me a question on the 24th.

Yes, the resistors are indeed small. When I repaired my ALC issues I removed the RF unit but did not remove the DC-DC board from the RF board. I clamped the RF board in a PC board vise that I have and got out my trusty magnifier glasses. Removing the SMD resistors without damaging the board is probably the most difficult part but not that hard. I used a little solder wick to soak up the excess solder and then used a big needle under the resistor to lift it from the board as I heated it with the iron. There is room to work on the DC-DC board if you hold it at just the right angle and the vise really helps. Heating the resistors with a little pressure from the needle lifts them right off then board and then the traces can be cleaned up. I then replaced them with 1/4 watts by cutting the leads real short and soldering them to the traces. They look rather large and out of place but fit just fine and the works great. I had considered just paralleling a resistor to give me the required 18k but choose this route instead. Rig has been working great since.

Hope this helps

Tom
WA0LRE

----- Original Message -----
From: kremper4-850@...
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, February 24, 2009 1:07 PM
Subject: Re: [TS-850_450_690] ALC issues

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To: TS-850_450_690@yahoogroups.com

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Also, let me tell you . . those SMD resisters are small and it is no easy job replacing them with discrete 1/4 watt resistors!!! But I got the job done and the board looks neat.

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[Non-text portions of this message have been removed]

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7688. Re: ALC issues

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-03-02 19:45:17 UTC
From: gt600020hp
Topic: 944 Message: 7688

It will not work. A -6V voltage regulator will not produce
-6vdc from a +13vdc source. If you feed it a -13vdc it will
provide you a -6vdc output. The DC to DC board is taking the
+13vdc input and switching it into an AC voltage then rectifying
it and regulating a -6vdc output. I wish it was as easy as
replacing the stock part with a 3 terminal IC VRegulator.
Mike N0KDS

--- In TS-850_450_690@yahoogroups.com, "Mike Zwingl oe3mzc"
<oe3mzc@...> wrote:
>
> but what about simply replacing the DCDC board by a negative voltage
regulator 7906.
> If the task of the DCDC board is simply to produce negative 6 Volt
out of 13Volt, this should work ...?
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> Has anyone ever tried this?
>
> vy 73 de Mike
> oe3mzc
>
> ----- Original Message -----
> From: kremper4-850@...
> To: TS-850_450_690@yahoogroups.com
> Sent: Tuesday, February 24, 2009 8:07 PM
> Subject: Re: [TS-850_450_690] ALC issues
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>
> Tom,
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> I've no advice to offer regarding the ALC/power issues, but rather
selfishly have a question instead: How did you go about removing the
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> --- On Mon, 2/23/09, Tom Kutz <tkutz@...> wrote:

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> Subject: [TS-850_450_690] ALC issues
> To: TS-850_450_690@yahoogroups.com
> Date: Monday, February 23, 2009, 4:12 PM
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7689. Re: [TS-850_450_690] Re: ALC issues

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-03-02 20:15:44 UTC
From: k8isk@comcast.net
Topic: 944 Message: 7689

Use a 7660, it takes +12v in and creates -12v, then regulate down to -6 with a LM337.

Terry

----- Original Message -----

From: gt600020hp

To: TS-850 450 690

Sent: Mon, 2 Mar 2009 19:45:17 +0000 (UTC)

Subject: [TS-850_450_690] Re: ALC issues

It will not work. A -6V voltage regulator will not produce

-6vdc from a +13vdc source. If you feed it a -13vdc it will

provide you a -6vdc output. The DC to DC board is taking the

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--- In TS-850_450_690@yahoogroups.com, "Mike Zwingl oe3mzc"

wrote:

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> From: kremper4-850@...

> To: TS-850_450_690@yahoogroups.com

> Sent: Tuesday, February 24, 2009 8:07 PM

> Subject: Re: [TS-850_450_690] ALC issues

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> [Non-text portions of this message have been removed]

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>

> [Non-text portions of this message have been removed]

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[Non-text portions of this message have been removed]

7690. Re: [TS-850_450_690] Re: ALC issues

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-03-03 17:56:53 UTC
From: Mike Zwingl oe3mzc
Topic: 944 Message: 7690

you are right! I was thinking too simple, sri.
In this case it seems easier to change the two resistors on the DCDC board.

73 de Mike
oe3mzc

----- Original Message -----
From: k8isk@...
To: TS-850 450 690
Cc: TS-850 450 690
Sent: Monday, March 02, 2009 9:15 PM
Subject: Re: [TS-850_450_690] Re: ALC issues

Use a 7660, it takes +12v in and creates -12v, then regulate down to -6 with a LM337.

Terry

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From: gt600020hp

To: TS-850 450 690

Sent: Mon, 2 Mar 2009 19:45:17 +0000 (UTC)

Subject: [TS-850_450_690] Re: ALC issues

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> WA0LRE

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> [Non-text portions of this message have been removed]

>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

7691. Hidden Menu TS-850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-03-03 19:46:07 UTC
From: dg1ecg
Topic: 7691 Message: 7691

Wer kennt die gebauen Funktionen (Einstellungen) die im Hidden Menu verändert werden können ?

7692. Re: [TS-850_450_690] Hidden Menu TS-850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-03-03 23:04:28 UTC
From: Dave Gmail
Topic: 7691 Message: 7692

hold the LSB button while turning on the radio power switch....

or

halten Sie die LSB-Taste beim Einschalten des Radios Netzschalter .... hope I did it right

----- Original Message -----
From: dg1ecg
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, March 03, 2009 2:46 PM
Subject: [TS-850_450_690] Hidden Menu TS-850

Wer kennt die gebauen Funktionen (Einstellungen) die im Hidden Menu
verändert werden können ?

[Non-text portions of this message have been removed]

7693. TS-450s with blown front end

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-03-04 00:10:37 UTC
From: n0xwr
Topic: 7693 Message: 7693

I have a friend's 450 that has been damaged from a nearby transmitter and not does not receive. It does transmit. The surge absorber is discolored. A wire link on the LPF board is burned in two. I have schematics. I would appreciate guidance on what components might be culprits on the RF board and/or IF board. Are D7, D17 and D27 likely culprits on the RF board? Thanks in advance. Jerry N0XWR

7694. Re: TS-450s with blown front end

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-03-04 12:48:37 UTC
From: k4esa
Topic: 7693 Message: 7694

If you cannot fix it, and part it out, or want to sell it, let me know.

I need some parts for the transmitter area for mine.

Bob
K4ESA

--- In TS-850_450_690@yahoogroups.com, "n0xwr" <jlholcomb@...> wrote:
>
> I have a friend's 450 that has been damaged from a nearby transmitter and not does not receive. It does transmit. The surge absorber is discolored. A wire link on the LPF board is burned in two. I have schematics. I would appreciate guidance on what components might be culprits on the RF board and/or IF board. Are D7, D17 and D27 likely culprits on the RF board? Thanks in advance. Jerry N0XWR
>

7695. For Sale:TS-450SAT

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-03-05 15:03:34 UTC
From: paulvollmer60
Topic: 7695 Message: 7695

Like new Kenwood TS-450SAT S/N 80 mill series.Must have come out of the last batch made.Perfect in every way.Has original power cord,mic and manual.Has VS-2 and 60-meter modification.$550 shipped CONUS.

7696. TS-450 and Inrad 500 Hz /455if filter

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-03-06 17:53:07 UTC
From: n5sqlradio
Topic: 7696 Message: 7696

I am selling my TS-450 and Inrad 500hz CW / 455IF filter. Both are listed on ebay if anyone is interested.

I love the TS-450 dearly but did want some of the features of the newer models. I obtained a Yaesu FT-920 and so far so good.

I operate mainly CW so the 920 suits my needs but it is nothing on phone compared to the TS-450.

Greg, N5SQL

7697. TS-850, etc, RF Connectors

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-03-06 23:29:45 UTC
From: kremper4-850@yahoo.com
Topic: 7697 Message: 7697

TS-850 RF Cable and PC-Board Connectors

After some searching, I've found that the RF connectors used in the TS-850 (and other radios such as the Elecraft) are of the TMP series. The following link directs your browser to Spectrum Component Sales, Inc:

http://www.scsiglobal.com/

At this site, you can locate PDFs describing the connector series, the crimp tools used for the cable connectors, and instructions on how to prepare the cable for attachment to the connector. The PDFs are listed on the Applications Specific Connector page which is the first item under Coaxial Cable Connectors in the page table:

http://www.scsiglobal.com/Vendors/Taiko_Denki/td_application_specific.htm

The crimp tool PDF link is:

http://www.scsiglobal.com/Vendors/Taiko_Denki/S34handtools-s.pdf

The PDF describing how to prepare the cable for attachment to the connector is located here:

http://www.scsiglobal.com/Vendors/Taiko_Denki/TMP%20Recommended%20Cable%20Assembly%20with%20TD%20Original.pdf

From that PDF, it appears that the CH-204-2A crimp tool is the one to use for RG-174 and some of the other smaller coaxial cables such as RG-178, RG-188 and RG-316. The quote I received from SCSI for the crimp tool is $780 plus shipping. (Soldering the coax to the connector is much less expensive for hobbyists!)

Unfortunately, my inquiries regarding small-quantity purchases of the TMP connectors have gone unanswered.

A posting by Petr, OK1RP, regarding his attempts to secure some of the TMP-K01X-A1 connectors for an Elecraft transceiver is posted here:

http://www.mail-archive.com/elecraft@.../msg62437.html

73,

Paul / N1FB

[Non-text portions of this message have been removed]

7698. TS-850 DSP2 out

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-03-12 15:54:14 UTC
From: bzkroby
Topic: 7698 Message: 7698

Hi. I am looking how enabling the 38 KHz DSP2 out in the 850 rig. This out could be used for DRM, after frequency conversion. I know that this is possible with 450 and someone has built a DRM converter.
Thanks for any answer.

Roby, I3BZK, Italy.

7699. Re: [TS-850_450_690] TS-850 DSP2 out

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-03-12 21:33:36 UTC
From: Antonio M.
Topic: 7698 Message: 7699

Hi Roby

take a look in this webpage (in the center..... date 1 October 2007)
http://ea1ghe.blogspot.com/

its in spanish, but i think will be very easy to you.

good luck ....

tony ea8uk

2009/3/12 bzkroby <bzkroby@...>

> Hi. I am looking how enabling the 38 KHz DSP2 out in the 850 rig. This
> out could be used for DRM, after frequency conversion. I know that this is
> possible with 450 and someone has built a DRM converter.
> Thanks for any answer.
>
> Roby, I3BZK, Italy.
>
>
>

[Non-text portions of this message have been removed]

7700. Re: TS-850 DSP2 out

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-03-12 22:19:55 UTC
From: bzkroby
Topic: 7698 Message: 7700

-
> take a look in this webpage (in the center..... date 1 October 2007)
> http://ea1ghe.blogspot.com/
>
> its in spanish, but i think will be very easy to you.
>
> good luck ....
>
> tony ea8uk
>
>

Dear Tony, I know this page but the sequence of buttons to open the hidden menu for DDS enbling doesn't work with my 850.

Ciao. Roby

7701. Re: [TS-850_450_690] Re: TS-450s with blown front end

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-03-17 15:02:03 UTC
From: Rob Frohne
Topic: 7693 Message: 7701

Hi Bob,

Assuming certain similarities to the TS-850S, I would check all the diodes in the receive bandpass filter switches, along with the obvious things you mention. You also might take a signal generator and insert a signal in the receiver chain to determine how far up the chain damage has occurred.

In my opinion there is no reason to part out that rig. It shouldn't be too difficult to fix.

73,

Rob, KL7NA

k4esa wrote:
>
> If you cannot fix it, and part it out, or want to sell it, let me know.
>
> I need some parts for the transmitter area for mine.
>
> Bob
> K4ESA
>
> --- In TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>, "n0xwr" <jlholcomb@...> wrote:
> >
> > I have a friend's 450 that has been damaged from a nearby
> transmitter and not does not receive. It does transmit. The surge
> absorber is discolored. A wire link on the LPF board is burned in two.
> I have schematics. I would appreciate guidance on what components
> might be culprits on the RF board and/or IF board. Are D7, D17 and D27
> likely culprits on the RF board? Thanks in advance. Jerry N0XWR
> >
>
>

--
Rob Frohne, Ph.D., P.E.
E.F. Cross School of Engineering
Walla Walla University
100 SW 4th Street
College Place, WA 99324
(509) 527-2075 http://people.wallawalla.edu/~Rob.Frohne/

7702. DRU-2 and VRU-2 Manual and Schematic

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-03-17 14:01:36 UTC
From: kremper4-850@yahoo.com
Topic: 7702 Message: 7702

I'm looking for a manual and schematic for the Kenwood DRU-2 and VRU-2. I'd appreciate any leads.

73,

Paul / N1FB

[Non-text portions of this message have been removed]

7703. Re: DRU-2 and VRU-2 Manual and Schematic

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-03-17 19:29:53 UTC
From: Roland Spoon
Topic: 7702 Message: 7703

They are in the Service Manual for the 850.
Roland AH6RR

-- In TS-850_450_690@yahoogroups.com, kremper4-850@... wrote:
>
>
> I'm looking for a manual and schematic for the Kenwood DRU-2 and VRU-2. I'd appreciate any leads.
>
> 73,
>
> Paul / N1FB
>
>
> [Non-text portions of this message have been removed]
>

7704. Re: [TS-850_450_690] Re: DRU-2 and VRU-2 Manual and Schematic

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-03-17 23:00:40 UTC
From: kremper4-850@yahoo.com
Topic: 7702 Message: 7704

Thanks, Roland. Once you steered me there, I realized I'd had a Senior Moment!

73,

Paul / N1FB

--- On Tue, 3/17/09, Roland Spoon <Toesonnose@...> wrote:

From: Roland Spoon <Toesonnose@...>
Subject: [TS-850_450_690] Re: DRU-2 and VRU-2 Manual and Schematic
To: TS-850_450_690@yahoogroups.com
Date: Tuesday, March 17, 2009, 3:29 PM

They are in the Service Manual for the 850.
Roland AH6RR

-- In TS-850_450_690@ yahoogroups. com, kremper4-850@ ... wrote:
>
>
> I'm looking for a manual and schematic for the Kenwood DRU-2 and VRU-2. I'd appreciate
any leads.
>
> 73,
>
> Paul / N1FB
>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

7705. a strange startup problem with TS-450s

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-03-19 15:47:26 UTC
From: ok1vaw
Topic: 7705 Message: 7705

Hello,
I am new member of the group, owning and using successfully the TS-450s for a few years without any problems. Short time ago a strange behavior appeared on it. After switching the transceiver power on, the receiver is muted (has no audio) on LSB, USB and CW modes, in the AM and FM it is receiving properly.

When trying to send with the transmitter, there is no transmitted power on all modulations on the output, no power indication on the display. The antenna tuner does not work too in this situation, it freezes with both LEDs on.
This state take now about 4minutes and after that the radio awakes and works after that hours properly. The returning to good state is immediate, without any noises or distortion on the receiver output.I have listened on the second receiver.

I have the service manual and suitable measurement equipment. After my manual studies I came to conclusion, that it could have something to do with the 455kHz signal or CAR board, but I have not opened and measured it yet, the 4 minutes is quite short to find something.

On different formus there are infos about some shifted VCO frequency problem and something about problems with the DDS, which are typical for TS-450s, 690s and 850.

I would be very happy to hear something from somebody, who maybe solved a similar problem on this very nice radio and knows the radio bad sides...

Best regards and thanks in advice for any info,
OK1VAW, Vojtech.

7706. Re: [TS-850_450_690] a strange startup problem with TS-450s

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-03-19 19:55:02 UTC
From: Zack Widup
Topic: 7705 Message: 7706

I would start by checking all the power supply voltages. Just a hunch.

73, Zack W9SZ

On Thu, Mar 19, 2009 at 10:47 AM, ok1vaw <ok1vaw@...> wrote:

> Hello,
> I am new member of the group, owning and using successfully the TS-450s for
> a few years without any problems. Short time ago a strange behavior appeared
> on it. After switching the transceiver power on, the receiver is muted (has
> no audio) on LSB, USB and CW modes, in the AM and FM it is receiving
> properly.
>
> When trying to send with the transmitter, there is no transmitted power on
> all modulations on the output, no power indication on the display. The
> antenna tuner does not work too in this situation, it freezes with both LEDs
> on.
> This state take now about 4minutes and after that the radio awakes and
> works after that hours properly. The returning to good state is immediate,
> without any noises or distortion on the receiver output.I have listened on
> the second receiver.
>
> I have the service manual and suitable measurement equipment. After my
> manual studies I came to conclusion, that it could have something to do with
> the 455kHz signal or CAR board, but I have not opened and measured it yet,
> the 4 minutes is quite short to find something.
>
> On different formus there are infos about some shifted VCO frequency
> problem and something about problems with the DDS, which are typical for
> TS-450s, 690s and 850.
>
> I would be very happy to hear something from somebody, who maybe solved a
> similar problem on this very nice radio and knows the radio bad sides...
>
> Best regards and thanks in advice for any info,
> OK1VAW, Vojtech.
>
>
>
>

[Non-text portions of this message have been removed]

7707. RM-1

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-03-19 22:43:38 UTC
From: kremper4-850@yahoo.com
Topic: 7707 Message: 7707

I'm looking for a schematic for the Kenwood RM-1 remote keypad. (I know of the A/D description in the Instruction Manual.)

Tnx es 73,

Paul / N1FB

[Non-text portions of this message have been removed]

7708. Re: [TS-850_450_690] RM-1

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-03-20 19:21:26 UTC
From: Dave Gmail
Topic: 7707 Message: 7708

i remember seeing the resistor layout for that i beleive in the user manual see pg 51 right in the middle it shows the resistor values needed

----- Original Message -----
From: kremper4-850@...
To: TS-850 Yahoo
Sent: Thursday, March 19, 2009 6:43 PM
Subject: [TS-850_450_690] RM-1

I'm looking for a schematic for the Kenwood RM-1 remote keypad. (I know of the A/D description in the Instruction Manual.)

Tnx es 73,

Paul / N1FB

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

7709. Re: RM-1

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-03-20 15:24:30 UTC
From: Clif
Topic: 7707 Message: 7709

It's in the TS950SDX service manual.

Clif

--- In TS-850_450_690@yahoogroups.com, kremper4-850@... wrote:
>
> I'm looking for a schematic for the Kenwood RM-1 remote keypad. (I know of the A/D description in the Instruction Manual.)
>
> Tnx es 73,
>
> Paul / N1FB
>
>
> [Non-text portions of this message have been removed]
>

7710. Re: [TS-850_450_690] RM-1

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-03-20 21:32:18 UTC
From: kremper4-850@yahoo.com
Topic: 7707 Message: 7710

Thanks, Dave.

I'm aware of the resistor values mentioned. I was looking for the RM-1 schematic itself. Clif's pointer to the TS-950DX Service Manual has provided the answer.

73,

Paul / N1FB

--- On Fri, 3/20/09, Dave Gmail <ve3wej@...> wrote:

From: Dave Gmail <ve3wej@gmail.com>
Subject: Re: [TS-850_450_690] RM-1
To: TS-850_450_690@...m
Date: Friday, March 20, 2009, 3:21 PM

i remember seeing the resistor layout for that i beleive in the user manual see pg 51 right in the middle it shows the resistor values needed

----- Original Message -----
From: kremper4-850@ yahoo.com
To: TS-850 Yahoo
Sent: Thursday, March 19, 2009 6:43 PM
Subject: [TS-850_450_ 690] RM-1

I'm looking for a schematic for the Kenwood RM-1 remote keypad. (I know of the A/D description in the Instruction Manual.)

Tnx es 73,

Paul / N1FB

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

7711. Re: [TS-850_450_690] Re: RM-1

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-03-20 21:33:15 UTC
From: kremper4-850@yahoo.com
Topic: 7707 Message: 7711

Thanks again, Clif! That's just what I was looking for.

73,

Paul / N1FB

--- On Fri, 3/20/09, Clif <clif@...> wrote:

From: Clif <clif@...>
Subject: [TS-850_450_690] Re: RM-1
To: TS-850_450_690@yahoogroups.com
Date: Friday, March 20, 2009, 11:24 AM

It's in the TS950SDX service manual.

Clif

--- In TS-850_450_690@ yahoogroups. com, kremper4-850@ ... wrote:
>
> I'm looking for a schematic for the Kenwood RM-1 remote keypad. (I know of the A/D description in the Instruction Manual.)
>
> Tnx es 73,
>
> Paul / N1FB
>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

7712. Re: a strange startup problem with TS-450s

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-03-22 20:27:55 UTC
From: w4jz
Topic: 7705 Message: 7712

The only real known problem I know of is the internal battery that holds frequency in memory. They corrode really bad & can cause problems with foil on circuit board even though battery is still good. I took a look at mine a few years back and sure enough it had already started to corrode.

Since it is solder to circuit board I clipped the terminals on the battery & solder a external battery holder. Taped it up & found a empty space to store it I believe next to tuner.

That may not be your problem, but while you are in there I would check that battery.

73,
Reed W4JZ

--- In TS-850_450_690@yahoogroups.com, "ok1vaw" <ok1vaw@...> wrote:
>
> Hello,
> I am new member of the group, owning and using successfully the TS-450s for a few years without any problems. Short time ago a strange behavior appeared on it. After switching the transceiver power on, the receiver is muted (has no audio) on LSB, USB and CW modes, in the AM and FM it is receiving properly.
>
> When trying to send with the transmitter, there is no transmitted power on all modulations on the output, no power indication on the display. The antenna tuner does not work too in this situation, it freezes with both LEDs on.
> This state take now about 4minutes and after that the radio awakes and works after that hours properly. The returning to good state is immediate, without any noises or distortion on the receiver output.I have listened on the second receiver.
>
> I have the service manual and suitable measurement equipment. After my manual studies I came to conclusion, that it could have something to do with the 455kHz signal or CAR board, but I have not opened and measured it yet, the 4 minutes is quite short to find something.
>
> On different formus there are infos about some shifted VCO frequency problem and something about problems with the DDS, which are typical for TS-450s, 690s and 850.
>
> I would be very happy to hear something from somebody, who maybe solved a similar problem on this very nice radio and knows the radio bad sides...
>
> Best regards and thanks in advice for any info,
> OK1VAW, Vojtech.
>

7713. Re: a strange startup problem with TS-450s

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-03-23 20:16:09 UTC
From: Rob Cohen
Topic: 7705 Message: 7713

Hi All

I had this a while back on my TS-690 after not using it for a good few years. After poking around the 455KHz circuit checking the voltages, I eventually found the audio output capacitor had blown its top and some of the electrolyte was deposited on the PC board. This seemed to have got into the thru-hole plating and cause mayhem with the RF gain control of the IF amp which sits close by. The s-meter would read as if the rf gain on the front panel had been turned right up deflecting to over S9. Initially it would drop down gradually after about an hour once the set had "warmed up". I cleaned the board thoroughly with some switch cleaner and left it out in the sun for a day to dry out any electrolyte and switch cleaner. It has since performed flawlessly with a new audio output cap.
Hope this helps....check those caps.

Regards

Rob ZS5LA

[Non-text portions of this message have been removed]

7714. Re: a strange startup problem with TS-450s

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-03-24 09:58:34 UTC
From: ok1vaw
Topic: 7705 Message: 7714

--- In TS-850_450_690@yahoogroups.com, Rob Cohen <robzs5la@...> wrote:
Hello to all!
Thanks to all replying to my theme. I have opened yesterday the radio, found the CAR board and begun to make some initial measurements with my spectrum analyzer on it. The DDS I have there are dated 1990. When the SSB and CW is not working (muted), the -+455kHz output from the YM6631 is exactly on double frequency (910kHz) with some spurious around, the amplitude seems to be correct. After some time (4-6minutes) it changes immediately to correct frequency and all seems to be okay. I have tested the input 20MHz clock to CAR board, which seems to be okay, so maybe there are two circuits which are shaping the 20MHz to both DDS, I have measured 2V DC in place of 2.5V, the amplitude was not tested. But the second DDS works well, so all evidences and my deductions still points to the YM6631 DDS fault.
So looking forward to your opinions and thanks for other posts,
Best regards,
OK1VAW, Vojtech.

7715. GREAT TIP!! (was a strange startup problem with TS-450s)

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-03-24 10:28:51 UTC
From: Bob Mantell
Topic: 7715 Message: 7715

Wow what perfect timing for a great tip. I just bought a TS-690 to strip for RF parts to fix my TS-450. Looks like I can fix the TS-690s alot easier! And gain 6 Meters

Still need a working band pass board for the TS-450s

73 de Bob,

K4ESA EM74qc

Bob Mantell
404-934-9648

--- On Tue, 3/24/09, TS-850_450_690@yahoogroups.com <TS-850_450_690@yahoogroups.com> wrote:

From: TS-850_450_690@yahoogroups.com <TS-850_450_690@yahoogroups.com>
Subject: [TS-850_450_690] Digest Number 1994
To: TS-850_450_690@yahoogroups.com
Date: Tuesday, March 24, 2009, 7:40 AM

There is 1 message in this issue.

Topics in this digest:

1a. Re: a strange startup problem with TS-450s
From: Rob Cohen

Message

1a. Re: a strange startup problem with TS-450s
Posted by: "Rob Cohen" robzs5la@gmail.com cohenro10
Date: Mon Mar 23, 2009 5:50 pm ((PDT))

Hi All

I had this a while back on my TS-690 after not using it for a good few years. After poking around the 455KHz circuit checking the voltages, I eventually found the audio output capacitor had blown its top and some of the electrolyte was deposited on the PC board. This seemed to have got into the thru-hole plating and cause mayhem with the RF gain control of the IF amp which sits close by. The s-meter would read as if the rf gain on the front panel had been turned right up deflecting to over S9. Initially it would drop down gradually after about an hour once the set had "warmed up".
I cleaned the board thoroughly with some switch cleaner and left it out in the sun for a day to dry out any electrolyte and switch cleaner. It has since performed flawlessly with a new audio output cap.
Hope this helps....check those caps.

Regards

Rob ZS5LA

[Non-text portions of this message have been removed]

Messages in this topic (4)

THANKS FOR USING TS-850_450_690@YAHOOGROUPS.COM

Yahoo! Groups Links

[Non-text portions of this message have been removed]

7716. Sale: TS850SAT spares/repairs

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-03-24 16:15:32 UTC
From: MM3XXW
Topic: 7716 Message: 7716

Thought I'd pop this on here to give you guys a chance before I put it elsewhere.

Anyway up for grabs is my TS850SAT with matching SP-31 and MC-80.
I've headed this spares/repairs as it is in need of repair by someone more experienced than I.

Now although I say spares/repair this unit is still fully-functioning and is in daily use (wouldn't take much to pop it right back on course I think) however there are one or 2 minor foibles which I will fully explain to any interested parties together with pictures of all equipment offered.

All the boards are fine (inc the carrier board) and there's no leaky caps, cosmetically it's in very good nick for it's age (serial 30200689)as are the other items but it would benefit from a really good service.

I'm looking to fund a mobile radio, IC-703 or likes, as I wish to start operating portable again but 'shack manager' says I can only operate one radio at a time!!!!

Be happy to answer any and all queries.

Regards,
Martyn
MM3XXW

7717. Re: Sale: TS850SAT spares/repairs

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-03-24 20:18:44 UTC
From: Clif
Topic: 7716 Message: 7717

Why not just list what you want for it and tell about the problems???

Clif

--- In TS-850_450_690@yahoogroups.com, "MM3XXW" <mm3xxw@...> wrote:
>
> Thought I'd pop this on here to give you guys a chance before I put it elsewhere.
>
> Anyway up for grabs is my TS850SAT with matching SP-31 and MC-80.
> I've headed this spares/repairs as it is in need of repair by someone more experienced than I.
>
> Now although I say spares/repair this unit is still fully-functioning and is in daily use (wouldn't take much to pop it right back on course I think) however there are one or 2 minor foibles which I will fully explain to any interested parties together with pictures of all equipment offered.
>
> All the boards are fine (inc the carrier board) and there's no leaky caps, cosmetically it's in very good nick for it's age (serial 30200689)as are the other items but it would benefit from a really good service.
>
> I'm looking to fund a mobile radio, IC-703 or likes, as I wish to start operating portable again but 'shack manager' says I can only operate one radio at a time!!!!
>
> Be happy to answer any and all queries.
>
> Regards,
> Martyn
> MM3XXW
>

7718. Re: [TS-850_450_690] Re: Sale: TS850SAT spares/repairs

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-03-25 00:18:52 UTC
From: Shauney@btinternet
Topic: 7716 Message: 7718

clif is it possible for you to repair a car board on my ts 850,leaking caps,maybe new dds chips.

Regards Shaun

--- On Tue, 24/3/09, Clif <clif@avvid.com> wrote:

From: Clif <clif@...>
Subject: [TS-850_450_690] Re: Sale: TS850SAT spares/repairs
To: TS-850_450_690@yahoogroups.com
Date: Tuesday, 24 March, 2009, 9:18 PM

Why not just list what you want for it and tell about the problems???

Clif

--- In TS-850_450_690@ yahoogroups. com, "MM3XXW" <mm3xxw@...> wrote:
>
> Thought I'd pop this on here to give you guys a chance before I put it elsewhere.
>
> Anyway up for grabs is my TS850SAT with matching SP-31 and MC-80.
> I've headed this spares/repairs as it is in need of repair by someone more experienced than I.
>
> Now although I say spares/repair this unit is still fully-functioning and is in daily use (wouldn't take much to pop it right back on course I think) however there are one or 2 minor foibles which I will fully explain to any interested parties together with pictures of all equipment offered.
>
> All the boards are fine (inc the carrier board) and there's no leaky caps, cosmetically it's in very good nick for it's age (serial 30200689)as are the other items but it would benefit from a really good service.
>
> I'm looking to fund a mobile radio, IC-703 or likes, as I wish to start operating portable again but 'shack manager' says I can only operate one radio at a time!!!!
>
> Be happy to answer any and all queries.
>
> Regards,
> Martyn
> MM3XXW
>

[Non-text portions of this message have been removed]

7719. Re: [TS-850_450_690] Sale: TS850SAT spares/repairs

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-03-25 14:31:51 UTC
From: kremper4-850@yahoo.com
Topic: 7716 Message: 7719

Shaun,

Should you decide not to have the TS-850 repaired (it's a great rig), and decide to part with it, take the time to list the problems you're having with the rig. Identify which, if any add-ons are included: filters, DRU-2, VR-2, etc, and which accessories you have. Determine if you want to sell items separately, ie, "part it out," from internal components such as PC boards, filters, the Final Unit, knobs, front and rear panels, etc. Take good-quality pictures of the pieces. Then you can offer the rig and accessories as an "organ donor."

But, I'd encourage you to seriously consider having Clif repair it. He can determine whether or not the rig is worth the cost of hospitalization and surgery.

73,

Paul / N1FB

--- On Tue, 3/24/09, MM3XXW <mm3xxw@...> wrote:

From: MM3XXW <mm3xxw@...>
Subject: [TS-850_450_690] Sale: TS850SAT spares/repairs
To: TS-850_450_690@yahoogroups.com
Date: Tuesday, March 24, 2009, 12:15 PM

Thought I'd pop this on here to give you guys a chance before I put it elsewhere.

Anyway up for grabs is my TS850SAT with matching SP-31 and MC-80.
I've headed this spares/repairs as it is in need of repair by someone more experienced than I.

Now although I say spares/repair this unit is still fully-functioning and is in daily use (wouldn't take much to pop it right back on course I think) however there are one or 2 minor foibles which I will fully explain to any interested parties together with pictures of all equipment offered.

All the boards are fine (inc the carrier board) and there's no leaky caps, cosmetically it's in very good nick for it's age (serial 30200689)as are the other items but it would benefit from a really good service.

I'm looking to fund a mobile radio, IC-703 or likes, as I wish to start operating portable again but 'shack manager' says I can only operate one radio at a time!!!!

Be happy to answer any and all queries.

Regards,
Martyn
MM3XXW

[Non-text portions of this message have been removed]

7720. Re: [TS-850_450_690] Re: Sale: TS850SAT spares/repairs

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-03-25 14:13:43 UTC
From: kremper4-850@yahoo.com
Topic: 7716 Message: 7720

Shaun,

You picked the right guy to do the repairs -- Clif is great. In today's parlance, he's THE MAN.

73,

Paul / N1FB

--- On Tue, 3/24/09, Shauney@btinternet <shaun.townsend@...> wrote:

From: Shauney@btinternet <shaun.townsend@...>
Subject: Re: [TS-850_450_690] Re: Sale: TS850SAT spares/repairs
To: TS-850_450_690@yahoogroups.com
Date: Tuesday, March 24, 2009, 8:18 PM

clif is it possible for you to repair a car board on my ts 850,leaking caps,maybe new dds chips.

Regards Shaun

--- On Tue, 24/3/09, Clif <clif@...> wrote:

From: Clif <clif@...>
Subject: [TS-850_450_ 690] Re: Sale: TS850SAT spares/repairs
To: TS-850_450_690@ yahoogroups. com
Date: Tuesday, 24 March, 2009, 9:18 PM

Why not just list what you want for it and tell about the problems???

Clif

--- In TS-850_450_690@ yahoogroups. com, "MM3XXW" <mm3xxw@...> wrote:
>
> Thought I'd pop this on here to give you guys a chance before I put it elsewhere.
>
> Anyway up for grabs is my TS850SAT with matching SP-31 and MC-80.
> I've headed this spares/repairs as it is in need of repair by someone more experienced than I.
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> Now although I say spares/repair this unit is still fully-functioning and is in daily use (wouldn't take much to pop it right back on course I think) however there are one or 2 minor foibles which I will fully explain to any interested parties together with pictures of all equipment offered.
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> All the boards are fine (inc the carrier board) and there's no leaky caps, cosmetically it's in very good nick for it's age (serial 30200689)as are the other items but it would benefit from a really good service.

>
> I'm looking to fund a mobile radio, IC-703 or likes, as I wish to start operating portable again but 'shack manager' says I can only operate one radio at a time!!!!
>
> Be happy to answer any and all queries.
>
> Regards,
> Martyn
> MM3XXW
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

7721. Re: [TS-850_450_690] Re: Sale: TS850SAT spares/repairs

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-03-25 15:27:02 UTC
From: John McCash
Topic: 7716 Message: 7721

I dont think this email was intended for me as iam not Clif...

--- On Wed, 25/3/09, Shauney@btinternet <shaun.townsend@...> wrote:

From: Shauney@btinternet <shaun.townsend@...>
Subject: Re: [TS-850_450_690] Re: Sale: TS850SAT spares/repairs
To: TS-850_450_690@yahoogroups.com
Date: Wednesday, 25 March, 2009, 12:18 AM

clif is it possible for you to repair a car board on my ts 850,leaking caps,maybe new dds chips.

Regards Shaun

--- On Tue, 24/3/09, Clif <clif@...> wrote:

From: Clif <clif@...>
Subject: [TS-850_450_ 690] Re: Sale: TS850SAT spares/repairs
To: TS-850_450_690@ yahoogroups. com
Date: Tuesday, 24 March, 2009, 9:18 PM

Why not just list what you want for it and tell about the problems???

Clif

--- In TS-850_450_690@ yahoogroups. com, "MM3XXW" <mm3xxw@...> wrote:
>
> Thought I'd pop this on here to give you guys a chance before I put it elsewhere.
>
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> Now although I say spares/repair this unit is still fully-functioning and is in daily use (wouldn't take much to pop it right back on course I think) however there are one or 2 minor foibles which I will fully explain to any interested parties together with pictures of all equipment offered.
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> All the boards are fine (inc the carrier board) and there's no leaky caps, cosmetically it's in very good nick for it's age (serial 30200689)as are the other items but it would benefit from a really good service.
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> I'm looking to fund a mobile radio, IC-703 or likes, as I wish to start operating portable again but 'shack manager' says I can only operate one radio at a time!!!!
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> Be happy to answer any and all queries.
>

> Regards,
> Martyn
> MM3XXW
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

7722. Re: [TS-850_450_690] Sale: TS850SAT spares/repairs

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-03-25 15:25:37 UTC
From: John McCash
Topic: 7716 Message: 7722

I dont think this email was intended for me iam not Shaun..

--- On Wed, 25/3/09, kremper4-850@... <kremper4-850@...> wrote:

From: kremper4-850@... <kremper4-850@...>
Subject: Re: [TS-850_450_690] Sale: TS850SAT spares/repairs
To: TS-850_450_690@yahoogroups.com
Date: Wednesday, 25 March, 2009, 2:31 PM

Shaun,

Should you decide not to have the TS-850 repaired (it's a great rig), and decide to part with it, take the time to list the problems you' re having with the rig. Identify which, if any add-ons are included: filters, DRU-2, VR-2, etc, and which accessories you have. Determine if you want to sell items separately, ie, "part it out," from internal components such as PC boards, filters, the Final Unit, knobs, front and rear panels, etc. Take good-quality pictures of the pieces. Then you can offer the rig and accessories as an "organ donor."

But, I'd encourage you to seriously consider having Clif repair it. He can determine whether or not the rig is worth the cost of hospitalization and surgery.

73,

Paul / N1FB

--- On Tue, 3/24/09, MM3XXW <mm3xxw@googlemail. com> wrote:

From: MM3XXW <mm3xxw@googlemail. com>
Subject: [TS-850_450_ 690] Sale: TS850SAT spares/repairs
To: TS-850_450_690@ yahoogroups. com
Date: Tuesday, March 24, 2009, 12:15 PM

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Be happy to answer any and all queries.

Regards,
Martyn
MM3XXW

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7723. Re: [TS-850_450_690] Re: Sale: TS850SAT spares/repairs

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-03-25 21:19:05 UTC
From: Crownhaven
Topic: 7716 Message: 7723

I have used Clif for numerous repairs of vintage Kenwood HF and VHF.
First class service. Responsive, quick and VERY reasonable prices.

Steve, N4JQQ

kremper4-850@... wrote:
>
> Shaun,
>
> You picked the right guy to do the repairs -- Clif is great. In
> today's parlance, he's THE MAN.
>
> 73,
>
> Paul / N1FB
>
> --- On Tue, 3/24/09, Shauney@btinternet <shaun.townsend@...
> <mailto:shaun.townsend%40btinternet.com>> wrote:
>
> From: Shauney@btinternet <shaun.townsend@...
> <mailto:shaun.townsend%40btinternet.com>>
> Subject: Re: [TS-850_450_690] Re: Sale: TS850SAT spares/repairs
> To: TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>
> Date: Tuesday, March 24, 2009, 8:18 PM
>
> clif is it possible for you to repair a car board on my ts 850,leaking
> caps,maybe new dds chips.
>
> Regards Shaun
>
> --- On Tue, 24/3/09, Clif <clif@... <mailto:clif%40avvid.com>>
> wrote:
>
> From: Clif <clif@... <mailto:clif%40avvid.com>>
> Subject: [TS-850_450_ 690] Re: Sale: TS850SAT spares/repairs
> To: TS-850_450_690@ yahoogroups. com
> Date: Tuesday, 24 March, 2009, 9:18 PM
>
> Why not just list what you want for it and tell about the problems???
>
> Clif
>
> --- In TS-850_450_690@ yahoogroups. com, "MM3XXW" <mm3xxw@...> wrote:
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> > Thought I'd pop this on here to give you guys a chance before I put
> it elsewhere.
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> > Anyway up for grabs is my TS850SAT with matching SP-31 and MC-80.
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> > Now although I say spares/repair this unit is still
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> > All the boards are fine (inc the carrier board) and there's no leaky
> caps, cosmetically it's in very good nick for it's age (serial
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> start operating portable again but 'shack manager' says I can only
> operate one radio at a time!!!!
> >
> > Be happy to answer any and all queries.
> >
> > Regards,
> > Martyn
> > MM3XXW
> >
>
> [Non-text portions of this message have been removed]
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> [Non-text portions of this message have been removed]
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>

7724. Re: [TS-850_450_690] Sale: TS850SAT spares/repairs

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-03-26 01:13:45 UTC
From: Shauney@btinternet
Topic: 7716 Message: 7724

Hi Paul,i would love clif to have a look at my 850 if only i lived in america thats the problem.Its a shame this kind of service is limitable in the uk and very expensive,i know ive got leaking caps on the car board and old dds chips.Thats the starting point, i really want this radio working again as it should.

Cheers Paul 73s

--- On Wed, 25/3/09, kremper4-850@yahoo.com <kremper4-850@...> wrote:

From: kremper4-850@... <kremper4-850@...>
Subject: Re: [TS-850_450_690] Sale: TS850SAT spares/repairs
To: TS-850_450_690@yahoogroups.com
Date: Wednesday, 25 March, 2009, 3:31 PM

Shaun,

Should you decide not to have the TS-850 repaired (it's a great rig), and decide to part with it, take the time to list the problems you' re having with the rig. Identify which, if any add-ons are included: filters, DRU-2, VR-2, etc, and which accessories you have. Determine if you want to sell items separately, ie, "part it out," from internal components such as PC boards, filters, the Final Unit, knobs, front and rear panels, etc. Take good-quality pictures of the pieces. Then you can offer the rig and accessories as an "organ donor."

But, I'd encourage you to seriously consider having Clif repair it. He can determine whether or not the rig is worth the cost of hospitalization and surgery.

73,

Paul / N1FB

--- On Tue, 3/24/09, MM3XXW <mm3xxw@googlemail. com> wrote:

From: MM3XXW <mm3xxw@googlemail. com>
Subject: [TS-850_450_ 690] Sale: TS850SAT spares/repairs
To: TS-850_450_690@ yahoogroups. com
Date: Tuesday, March 24, 2009, 12:15 PM

Thought I'd pop this on here to give you guys a chance before I put it elsewhere.

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Be happy to answer any and all queries.

Regards,
Martyn
MM3XXW

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[Non-text portions of this message have been removed]

7725. Re: Sale: TS850SAT spares/repairs

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-03-26 17:28:11 UTC
From: Roland Spoon
Topic: 7716 Message: 7725

Shauney,
Do like I did take the Car board out and sent that to Clif. He will replace the caps and bad DDS chips and if he has a 850 in the shop test it. When I did that he did not have a 850 in for repair but when I placed the repaired CAR board in my 850 it worked like new again. It cost a lot less in shipping that way. It saved me $250+ in shipping costs. Be sure to contact him first though. Clif is the best out there for Kenwood repair and his rates cant be beat.

Roland AH6RR

--- In TS-850_450_690@yahoogroups.com, "Shauney@..." <shaun.townsend@...> wrote:
>
> Hi Paul,i would love clif to have a look at my 850 if only i lived in america thats the problem.Its a shame this kind of service is limitable in the uk and very expensive,i know ive got leaking caps on the car board and old dds chips.Thats the starting point, i really want this radio working again as it should.
>
> Cheers Paul 73s
>
> --- On Wed, 25/3/09, kremper4-850@... <kremper4-850@...> wrote:
>
> From: kremper4-850@... <kremper4-850@...>
> Subject: Re: [TS-850_450_690] Sale: TS850SAT spares/repairs
> To: TS-850_450_690@yahoogroups.com
> Date: Wednesday, 25 March, 2009, 3:31 PM
>
>
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>
> Shaun,
>
> Should you decide not to have the TS-850 repaired (it's a great rig), and decide to part with it, take the time to list the problems you' re having with the rig. Identify which, if any add-ons are included: filters, DRU-2, VR-2, etc, and which accessories you have. Determine if you want to sell items separately, ie, "part it out," from internal components such as PC boards, filters, the Final Unit, knobs, front and rear panels, etc. Take good-quality pictures of the pieces. Then you can offer the rig and accessories as an "organ donor."
>
> But, I'd encourage you to seriously consider having Clif repair it. He can determine whether or not the rig is worth the cost of hospitalization and surgery.
>

> 73,
>
> Paul / N1FB
>
>
> --- On Tue, 3/24/09, MM3XXW <mm3xxw@googlemail. com> wrote:
>
> From: MM3XXW <mm3xxw@googlemail. com>
> Subject: [TS-850_450_ 690] Sale: TS850SAT spares/repairs
> To: TS-850_450_690@ yahoogroups. com
> Date: Tuesday, March 24, 2009, 12:15 PM
>
> Thought I'd pop this on here to give you guys a chance before I put it elsewhere.
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> All the boards are fine (inc the carrier board) and there's no leaky caps, cosmetically it's in very good nick for it's age (serial 30200689)as are the other items but it would benefit from a really good service.
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> I'm looking to fund a mobile radio, IC-703 or likes, as I wish to start operating portable again but 'shack manager' says I can only operate one radio at a time!!!!
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> Be happy to answer any and all queries.
>
> Regards,
> Martyn
> MM3XXW
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> [Non-text portions of this message have been removed]
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> [Non-text portions of this message have been removed]
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7726. Re: [TS-850_450_690] Sale: TS850SAT spares/repairs

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-03-26 20:47:21 UTC
From: kremper4-850@yahoo.com
Topic: 7716 Message: 7726

Hi Shaun,

Distance problem recognized.

My old (2 M S/N) TS-850 developed the Carrier Board leaking-capacitor problem which Clif repaired. Fortunately, the DDS chips didn't require replacement.

During 2008, on a couple of occasions, I've seen Carrier Boards offered on eBay by TS-850 owners who were parting out their transceivers. Understandably, those boards sell quickly.

A suggestion: If you feel the problem(s) you're experiencing with your TS-850 are confined to the Carrier Board, consider removing the board from the transceiver and having it repaired by Clif or someone else. Shipping charges for the board alone would be far less than those for the entire transceiver.

GL es 73,

Paul / N1FB

--- On Wed, 3/25/09, Shauney@btinternet <shaun.townsend@...> wrote:

From: Shauney@btinternet <shaun.townsend@...>
Subject: Re: [TS-850_450_690] Sale: TS850SAT spares/repairs
To: TS-850_450_690@yahoogroups.com
Date: Wednesday, March 25, 2009, 9:13 PM

Hi Paul,i would love clif to have a look at my 850 if only i lived in america thats the problem.Its a shame this kind of service is limitable in the uk and very expensive,i know ive got leaking caps on the car board and old dds chips.Thats the starting point, i really want this radio working again as it should.

Cheers Paul 73s

--- On Wed, 25/3/09, kremper4-850@ yahoo.com <kremper4-850@ yahoo.com> wrote:

From: kremper4-850@ yahoo.com <kremper4-850@ yahoo.com>
Subject: Re: [TS-850_450_ 690] Sale: TS850SAT spares/repairs
To: TS-850_450_690@ yahoogroups. com
Date: Wednesday, 25 March, 2009, 3:31 PM

Shaun,

Should you decide not to have the TS-850 repaired (it's a great rig), and decide to part with it, take the time to list the problems you' re having with the rig. Identify which, if any add-ons are included: filters, DRU-2, VR-2, etc, and which accessories you have. Determine if you want to sell items separately, ie, "part it out," from internal components such as PC boards, filters, the Final Unit, knobs, front and rear panels, etc. Take good-quality pictures of the pieces. Then you can offer the rig and accessories as an

"organ donor."

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From: MM3XXW <mm3xxw@googlemail. com>
Subject: [TS-850_450_ 690] Sale: TS850SAT spares/repairs
To: TS-850_450_690@ yahoogroups. com
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7727. Re: Sale: TS850SAT spares/repairs

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-03-26 21:43:55 UTC
From: Clif
Topic: 7716 Message: 7727

The DDS chips are discontinued. If you want them replaced on a board you have to supply them.

Clif

--- In TS-850_450_690@yahoogroups.com, kremper4-850@... wrote:
>
> Hi Shaun,
>
> Distance problem recognized.
>
> My old (2 M S/N) TS-850 developed the Carrier Board leaking-capacitor problem which Clif repaired. Fortunately, the DDS chips didn't require replacement.
>
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> A suggestion: If you feel the problem(s) you're experiencing with your TS-850 are confined to the Carrier Board, consider removing the board from the transceiver and having it repaired by Clif or someone else. Shipping charges for the board alone would be far less than those for the entire transceiver.
>
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> Paul / N1FB
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> --- On Wed, 3/25/09, Shauney@btinternet <shaun.townsend@...> wrote:
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> From: Shauney@btinternet <shaun.townsend@...>
> Subject: Re: [TS-850_450_690] Sale: TS850SAT spares/repairs
> To: TS-850_450_690@yahoogroups.com
> Date: Wednesday, March 25, 2009, 9:13 PM
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> From: kremper4-850@ yahoo.com <kremper4-850@ yahoo.com>
> Subject: Re: [TS-850_450_ 690] Sale: TS850SAT spares/repairs
> To: TS-850_450_690@ yahoogroups. com
> Date: Wednesday, 25 March, 2009, 3:31 PM
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> Shaun,
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> From: MM3XXW <mm3xxw@googlemail. com>
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> Martyn
> MM3XXW
>
> [Non-text portions of this message have been removed]
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7728. Snap Crackle and Pop

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-03-26 22:17:40 UTC
From: Tony roskilly
Topic: 7728 Message: 7728

Hi,
I got a pal who is a genuine radio technician to do the sidetone mod for the TS-850S, ie allowing the Monitor control
to be used to vary the sidetone level. I was delighted to have the new facility on the front panel unfortunately I now
have a snap crackle and pop noise which is progressively worse as I advance the Monitor control, its quite annoying when
wearing headphones. I've tried remaking the solder connections and tried setting the yellow preset pot inside the rig to
a different place on its track in case it was an iffy bit of track when we set it after the mod. Has anyone else come
across this problem please?
thanks
Tony G3ZRJ

[Non-text portions of this message have been removed]

7729. Kenwood TS-850 Paints / Colors

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-03-28 15:16:43 UTC
From: kremper4-850@yahoo.com
Topic: 7729 Message: 7729

Has anyone identified the paint colors used for the TS-850S(AT), PS-52, etc? I'm trying to find spray-paint colors that match the colors of the TS-850 front panel, the TS-850 cabinet and the PS-52 front panel and cabinet.

Tnx es 73,

Paul / N1FB

[Non-text portions of this message have been removed]

7730. Re: [TS-850_450_690] Re: Sale: TS850SAT spares/repairs

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-03-28 16:20:28 UTC
From: Herwin Heriyanto
Topic: 7716 Message: 7730

I have that DDS chips. New

Win

On Thu, 26 Mar 2009 21:43:55 -0000
"Clif" <clif@...> wrote:
>The DDS chips are discontinued. If you want them replaced
>on a board you have to supply them.
>
>Clif
>
>
>--- In TS-850_450_690@yahoogroups.com, kremper4-850@...
>wrote:
>>
>> Hi Shaun,
>> ?
>> Distance problem recognized.
>> ?
>> My old (2 M S/N) TS-850 developed the Carrier Board
>>leaking-capacitor problem which Clif repaired.
>>Fortunately, the DDS chips didn't require replacement.
>> ?
>> During 2008, on a couple of occasions, I've seen Carrier
>>Boards offered on eBay by TS-850 owners who were parting
>>out their transceivers. Understandably, those boards sell
>>quickly.
>> ?
>> A suggestion: If you feel the problem(s) you're
>>experiencing with your TS-850 are confined to the Carrier
>>Board, consider removing the board from the transceiver
>>and having it repaired by Clif or someone else.? Shipping
>>charges for the board alone would be far less than those
>>for?the entire transceiver.
>> ?
>> GL es 73,
>> ?
>> Paul / N1FB
>>
>>
>> --- On Wed, 3/25/09, Shauney@btinternet
>><shaun.townsend@...> wrote:
>>
>> From: Shauney@btinternet <shaun.townsend@...>
>> Subject: Re: [TS-850_450_690] Sale: TS850SAT

>>spares/repairs
>> To: TS-850_450_690@yahoogroups.com
>> Date: Wednesday, March 25, 2009, 9:13 PM
>>
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>>
>> Hi Paul,i would love clif to have a look at my 850 if
>>only i lived in america thats the problem.Its? a shame
>>this kind of service is limitable in the uk and very
>>expensive,i know ive got leaking caps on the car board
>>and old dds chips.Thats the starting point, i really want
>>this radio working again as it should.
>> ?
>> Cheers Paul 73s
>>
>> --- On Wed, 25/3/09, kremper4-850@ yahoo.com
>><kremper4-850@ yahoo.com> wrote:
>>
>> From: kremper4-850@ yahoo.com <kremper4-850@ yahoo.com>
>> Subject: Re: [TS-850_450_ 690] Sale: TS850SAT
>>spares/repairs
>> To: TS-850_450_690@ yahoogroups. com
>> Date: Wednesday, 25 March, 2009, 3:31 PM
>>
>> ?
>> Shaun,
>> ?
>> Should you decide not to have the TS-850 repaired (it's
>>a great rig), and decide to part with it, take the time
>>to list the problems?you' re having with the rig.
>>Identify which, if any add-ons are included: filters,
>>DRU-2, VR-2, etc, and which accessories you have.
>>Determine if you want to sell items separately, ie, "part
>>it out," from internal components?such as PC boards,
>>filters, the Final Unit, knobs, front and rear panels,
>>etc. Take good-quality pictures of the pieces. Then you
>>can offer the rig and accessories as an "organ donor."
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>> But, I'd encourage you to seriously consider having Clif
>>repair it. He can determine whether or not the rig is
>>worth the cost of hospitalization and surgery.
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>>wrote:
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>> From: MM3XXW <mm3xxw@googlemail. com>
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>> To: TS-850_450_690@ yahoogroups. com
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>> Anyway up for grabs is my TS850SAT with matching SP-31
>>and MC-80.
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>> Now although I say spares/repair this unit is still
>>fully-functioning and is in daily use (wouldn't take much
>>to pop it right back on course I think) however there are
>>one or 2 minor foibles which I will fully explain to any
>>interested parties together with pictures of all
>>equipment offered.
>>
>> All the boards are fine (inc the carrier board) and
>>there's no leaky caps, cosmetically it's in very good
>>nick for it's age (serial 30200689)as are the other items
>>but it would benefit from a really good service.
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>> I'm looking to fund a mobile radio, IC-703 or likes, as
>>I wish to start operating portable again but 'shack
>>manager' says I can only operate one radio at a time!!!!
>>
>> Be happy to answer any and all queries.
>>
>> Regards,
>> Martyn
>> MM3XXW
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7731. PS battery charger

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-03-28 19:56:04 UTC
From: Edward Smith
Topic: 7731 Message: 7731

HI all,I was wondering if a rat shack 3amp power supply could be used as a battery charger? it would be putting out 13.6 volts insted of 12 volts from a cheappie batt.charger. thanks ed ke4sep

7732. Re: [TS-850_450_690] Re: Sale: TS850SAT spares/repairs

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-03-28 21:59:07 UTC
From: Shauney@btinternet
Topic: 7716 Message: 7732

Hi do you have the ym66312?have you got all 4?

Regards Shaun

--- On Sat, 28/3/09, Herwin Heriyanto <win@...> wrote:

From: Herwin Heriyanto <win@...>
Subject: Re: [TS-850_450_690] Re: Sale: TS850SAT spares/repairs
To: TS-850_450_690@yahoogroups.com
Date: Saturday, 28 March, 2009, 5:20 PM

I have that DDS chips. New

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On Thu, 26 Mar 2009 21:43:55 -0000
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>The DDS chips are discontinued. If you want them replaced
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>> Hi Shaun,
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>>leaking-capacitor problem which Clif repaired.
>>Fortunately, the DDS chips didn't require replacement.
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>> During 2008, on a couple of occasions, I've seen Carrier
>>Boards offered on eBay by TS-850 owners who were parting
>>out their transceivers. Understandably, those boards sell
>>quickly.
>>
>> A suggestion: If you feel the problem(s) you're
>>experiencing with your TS-850 are confined to the Carrier
>>Board, consider removing the board from the transceiver
>>and having it repaired by Clif or someone else. Shipping
>>charges for the board alone would be far less than those
>>for the entire transceiver.
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>>this kind of service is limitable in the uk and very
>>expensive, i know ive got leaking caps on the car board
>>and old dds chips.Thats the starting point, i really want
>>this radio working again as it should.
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>> Cheers Paul 73s
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>> Shaun,
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>>a great rig), and decide to part with it, take the time
>>to list the problems you' re having with the rig.
>>Identify which, if any add-ons are included: filters,
>>DRU-2, VR-2, etc, and which accessories you have.
>>Determine if you want to sell items separately, ie, "part
>>it out," from internal components such as PC boards,
>>filters, the Final Unit, knobs, front and rear panels,
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>>can offer the rig and accessories as an "organ donor."

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>> But, I'd encourage you to seriously consider having Clif
>>repair it. He can determine whether or not the rig is
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>>nick for it's age (serial 30200689)as are the other items
>>but it would benefit from a really good service.
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>> I'm looking to fund a mobile radio, IC-703 or likes, as
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>> Regards,
>> Martyn
>> MM3XXW
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7733. Re: [TS-850_450_690] Re: Sale: TS850SAT spares/repairs

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-03-28 22:06:24 UTC
From: John McCash
Topic: 7716 Message: 7733

Hi Shaun, Are the DDS chips in your 850 faulty or is it just the caps leaking ??

--- On Sat, 28/3/09, Shauney@btinternet <shaun.townsend@btinternet.com> wrote:

From: Shauney@btinternet <shaun.townsend@...>
Subject: Re: [TS-850_450_690] Re: Sale: TS850SAT spares/repairs
To: TS-850_450_690@yahoogroups.com
Date: Saturday, 28 March, 2009, 9:59 PM

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Regards Shaun

--- On Sat, 28/3/09, Herwin Heriyanto <win@webmail. bppt.go.id> wrote:

From: Herwin Heriyanto <win@webmail. bppt.go.id>
Subject: Re: [TS-850_450_ 690] Re: Sale: TS850SAT spares/repairs
To: TS-850_450_690@ yahoogroups. com
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7734. My TS-850SAT Panel Display

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-03-29 13:50:27 UTC
From: Tom
Topic: 7734 Message: 7734

First off - a picture of what my display looks like can be seen at, http://tommywhitewolf.hostse.com/TS-850SAT-Panel-W8BNL.jpg.

The radio is otherwise completely functional and I am using HRD to handle frequency and band switching tasks. Everything to the right of the "Meter" section of the panel is a mess and unreadable. It also will change appearance as you change frequencies or push any buttons. Again, that is why I am using HRD for control.

I am currently unemployed and can't afford to replace this radio. No savings or other funding available either, so I am asking if anyone out there could either walk me through some possible fixes, or could offer any other help as this is my only HF rig.

Oh yea - I have opened the case and made sure that all boards and cables (that I could get to) are properly seated or re-seated.

Thanks in advance. W8BNL - Tom

7735. Re: [TS-850_450_690] My TS-850SAT Panel Display

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-03-29 17:25:24 UTC
From: Dennis Wade
Topic: 7734 Message: 7735

the link isn't working for me....

On Sun, Mar 29, 2009 at 6:50 AM, Tom <w8bnl@...> wrote:
> First off - a picture of what my display looks like can be seen at,
> http://tommywhitewolf.hostse.com/TS-850SAT-Panel-W8BNL.jpg.
>
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> (that I could get to) are properly seated or re-seated.
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> Thanks in advance. W8BNL - Tom
>
>

--
Dennis L. Wade
KG6ZI
Carmichael, CA

7736. Re: My TS-850SAT Panel Display

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-03-29 19:48:59 UTC
From: mm3cbo
Topic: 7734 Message: 7736

--- In TS-850_450_690@yahoogroups.com, "Tom" <w8bnl@...> wrote:
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> Oh yea - I have opened the case and made sure that all boards and cables (that I could get to) are properly seated or re-seated.
>
> Thanks in advance. W8BNL - Tom
>Hi Tom, couldnt see the pic on the link can you send it direct please..

7737. Re: [TS-850_450_690] Re: Sale: TS850SAT spares/repairs

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-03-29 19:57:58 UTC
From: Shauney@btinternet
Topic: 7716 Message: 7737

Hi John ive been in touch with you before,have you changed your email address,tryed to contact you.

--- On Sat, 28/3/09, John McCash <mm3cbo@....uk> wrote:

From: John McCash <mm3cbo@...>
Subject: Re: [TS-850_450_690] Re: Sale: TS850SAT spares/repairs
To: TS-850_450_690@yahoogroups.com
Date: Saturday, 28 March, 2009, 11:06 PM

Hi Shaun, Are the DDS chips in your 850 faulty or is it just the caps leaking ??

--- On Sat, 28/3/09, Shauney@btinternet <shaun.townsend@ btinternet. com> wrote:

From: Shauney@btinternet <shaun.townsend@ btinternet. com>
Subject: Re: [TS-850_450_ 690] Re: Sale: TS850SAT spares/repairs
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From: Herwin Heriyanto <win@webmail. bppt.go.id>
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>>
>> --- On Wed, 25/3/09, kremper4-850@ yahoo.com
>><kremper4- 850@ yahoo.com> wrote:
>>
>> From: kremper4-850@ yahoo.com <kremper4-850@ yahoo.com>
>> Subject: Re: [TS-850_450_ 690] Sale: TS850SAT

>>spares/repairs
>> To: TS-850_450_690@ yahoogroups. com
>> Date: Wednesday, 25 March, 2009, 3:31 PM
>>
>>
>> Shaun,
>>
>> Should you decide not to have the TS-850 repaired (it's
>>a great rig), and decide to part with it, take the time
>>to list the problems you' re having with the rig.
>>Identify which, if any add-ons are included: filters,
>>DRU-2, VR-2, etc, and which accessories you have.
>>Determine if you want to sell items separately, ie, "part
>>it out," from internal components such as PC boards,
>>filters, the Final Unit, knobs, front and rear panels,
>>etc. Take good-quality pictures of the pieces. Then you
>>can offer the rig and accessories as an "organ donor."
>>
>> But, I'd encourage you to seriously consider having Clif
>>repair it. He can determine whether or not the rig is
>>worth the cost of hospitalization and surgery.
>>
>> 73,
>>
>> Paul / N1FB
>>
>>
>> --- On Tue, 3/24/09, MM3XXW <mm3xxw@googlemail. com>
>>wrote:
>>
>> From: MM3XXW <mm3xxw@googlemail. com>
>> Subject: [TS-850_450_ 690] Sale: TS850SAT spares/repairs
>> To: TS-850_450_690@ yahoogroups. com
>> Date: Tuesday, March 24, 2009, 12:15 PM
>>
>> Thought I'd pop this on here to give you guys a chance
>>before I put it elsewhere.
>>
>> Anyway up for grabs is my TS850SAT with matching SP-31
>>and MC-80.
>> I've headed this spares/repairs as it is in need of
>>repair by someone more experienced than I.
>>
>> Now although I say spares/repair this unit is still
>>fully-functioning and is in daily use (wouldn't take much
>>to pop it right back on course I think) however there are
>>one or 2 minor foibles which I will fully explain to any
>>interested parties together with pictures of all
>>equipment offered.
>>

>> All the boards are fine (inc the carrier board) and
>>there's no leaky caps, cosmetically it's in very good
>>nick for it's age (serial 30200689)as are the other items
>>but it would benefit from a really good service.
>>
>> I'm looking to fund a mobile radio, IC-703 or likes, as
>>I wish to start operating portable again but 'shack
>>manager' says I can only operate one radio at a time!!!!
>>
>> Be happy to answer any and all queries.
>>
>> Regards,
>> Martyn
>> MM3XXW
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>> [Non-text portions of this message have been removed]
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7738. Re: [TS-850_450_690] Re: Sale: TS850SAT spares/repairs

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-03-29 20:35:47 UTC
From: Shauney@btinternet
Topic: 7716 Message: 7738

Hi Paul N1 fb Thanks for the advice,ive no way of checking the chips you could be right maybe they are ok.Having read about these issues i believed it would be best to change the chips,but like clif said these are discontinued.I did buy another board on ebay to try and it worked,and after a short time it failed again,so ive got another fault somewhere on the set.Ive seen boards on ebay go for 119 pounds,and no working radios going for 300.Hold on to it paul you have a very sort after classic radio.

73s Shaun G0LMF

--- On Thu, 26/3/09, Clif <clif@...> wrote:

From: Clif <clif@avvid.com>
Subject: [TS-850_450_690] Re: Sale: TS850SAT spares/repairs
To: TS-850_450_690@yahoogroups.com
Date: Thursday, 26 March, 2009, 10:43 PM

The DDS chips are discontinued. If you want them replaced on a board you have to supply them.

Clif

--- In TS-850_450_690@ yahoogroups. com, kremper4-850@ ... wrote:
>
> Hi Shaun,
>
> Distance problem recognized.
>
> My old (2 M S/N) TS-850 developed the Carrier Board leaking-capacitor problem which Clif repaired. Fortunately, the DDS chips didn't require replacement.
>
> During 2008, on a couple of occasions, I've seen Carrier Boards offered on eBay by TS-850 owners who were parting out their transceivers. Understandably, those boards sell quickly.
>
> A suggestion: If you feel the problem(s) you're experiencing with your TS-850 are confined to the Carrier Board, consider removing the board from the transceiver and having it repaired by Clif or someone else. Shipping charges for the board alone would be far less than those for the entire transceiver.
>
> GL es 73,
>
> Paul / N1FB
>
>
> --- On Wed, 3/25/09, Shauney@btinternet <shaun.townsend@ ...> wrote:
>
> From: Shauney@btinternet <shaun.townsend@ ...>

> Subject: Re: [TS-850_450_ 690] Sale: TS850SAT spares/repairs
> To: TS-850_450_690@ yahoogroups. com
> Date: Wednesday, March 25, 2009, 9:13 PM
>
>
>
>
>
>
> Hi Paul,i would love clif to have a look at my 850 if only i lived in america thats the problem.Its a shame this kind of service is limitable in the uk and very expensive,i know ive got leaking caps on the car board and old dds chips.Thats the starting point, i really want this radio working again as it should.
>
> Cheers Paul 73s
>
> --- On Wed, 25/3/09, kremper4-850@ yahoo.com <kremper4-850@ yahoo.com> wrote:
>
> From: kremper4-850@ yahoo.com <kremper4-850@ yahoo.com>
> Subject: Re: [TS-850_450_ 690] Sale: TS850SAT spares/repairs
> To: TS-850_450_690@ yahoogroups. com
> Date: Wednesday, 25 March, 2009, 3:31 PM
>
>
> Shaun,
>
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> Paul / N1FB
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> From: MM3XXW <mm3xxw@googlemail. com>
> Subject: [TS-850_450_ 690] Sale: TS850SAT spares/repairs
> To: TS-850_450_690@ yahoogroups. com
> Date: Tuesday, March 24, 2009, 12:15 PM
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> Thought I'd pop this on here to give you guys a chance before I put it elsewhere.

>
> Anyway up for grabs is my TS850SAT with matching SP-31 and MC-80.
> I've headed this spares/repairs as it is in need of repair by someone more experienced than I.
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> Now although I say spares/repair this unit is still fully-functioning and is in daily use (wouldn't take much to pop it right back on course I think) however there are one or 2 minor foibles which I will fully explain to any interested parties together with pictures of all equipment offered.
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> All the boards are fine (inc the carrier board) and there's no leaky caps, cosmetically it's in very good nick for it's age (serial 30200689)as are the other items but it would benefit from a really good service.
>
> I'm looking to fund a mobile radio, IC-703 or likes, as I wish to start operating portable again but 'shack manager' says I can only operate one radio at a time!!!!
>
> Be happy to answer any and all queries.
>
> Regards,
> Martyn
> MM3XXW
>
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7739. Re: My TS-850SAT Panel Display

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-03-29 20:52:25 UTC
From: mm3cbo
Topic: 7734 Message: 7739

--- In TS-850_450_690@yahoogroups.com, "Tom" <w8bnl@...> wrote:
>
> First off - a picture of what my display looks like can be seen at, http://tommywhitewolf.hostse.com/TS-850SAT-Panel-W8BNL.jpg.
>
> The radio is otherwise completely functional and I am using HRD to handle frequency and band switching tasks. Everything to the right of the "Meter" section of the panel is a mess and unreadable. It also will change appearance as you change frequencies or push any buttons. Again, that is why I am using HRD for control.
>
> I am currently unemployed and can't afford to replace this radio. No savings or other funding available either, so I am asking if anyone out there could either walk me through some possible fixes, or could offer any other help as this is my only HF rig.
>
> Oh yea - I have opened the case and made sure that all boards and cables (that I could get to) are properly seated or re-seated.
>
> Thanks in advance. W8BNL - Tom
>
Hi Tom, If this is the same fault my friend ad i will send you pics on how to repair it ok... John

7740. Re: My TS-850SAT Panel Display

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-03-29 21:37:20 UTC
From: Tom
Topic: 7734 Message: 7740

--- In TS-850_450_690@yahoogroups.com, Dennis Wade <sacramento.cyclist@...> wrote:
>
> the link isn't working for me....
>
> On Sun, Mar 29, 2009 at 6:50 AM, Tom <w8bnl@...> wrote:
> > First off - a picture of what my display looks like can be seen at,
> > http://tommywhitewolf.hostse.com/TS-850SAT-Panel-W8BNL.jpg.
> >
> > The radio is otherwise completely functional and I am using HRD to handle
> > frequency and band switching tasks. Everything to the right of the "Meter"
> > section of the panel is a mess and unreadable. It also will change
> > appearance as you change frequencies or push any buttons. Again, that is why
> > I am using HRD for control.
> >
> > I am currently unemployed and can't afford to replace this radio. No savings
> > or other funding available either, so I am asking if anyone out there could
> > either walk me through some possible fixes, or could offer any other help as
> > this is my only HF rig.
> >
> > Oh yea - I have opened the case and made sure that all boards and cables
> > (that I could get to) are properly seated or re-seated.
> >
> > Thanks in advance. W8BNL - Tom
> >
> >
>
>
>
> --
> Dennis L. Wade
> KG6ZI
> Carmichael, CA
>
From Tom - I posted the picture in the Photos section in a folder called W8BNL - Thanks

7741. Re: My TS-850SAT Panel Display

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-03-29 22:13:39 UTC
From: Tom
Topic: 7734 Message: 7741

--- In TS-850_450_690@yahoogroups.com, "mm3cbo" <mm3cbo@...> wrote:
>
> --- In TS-850_450_690@yahoogroups.com, "Tom" <w8bnl@> wrote:
> >
> > First off - a picture of what my display looks like can be seen at, http://tommywhitewolf.hostse.com/TS-850SAT-Panel-W8BNL.jpg.
> >
> > The radio is otherwise completely functional and I am using HRD to handle frequency and band switching tasks. Everything to the right of the "Meter" section of the panel is a mess and unreadable. It also will change appearance as you change frequencies or push any buttons. Again, that is why I am using HRD for control.
> >
> > I am currently unemployed and can't afford to replace this radio. No savings or other funding available either, so I am asking if anyone out there could either walk me through some possible fixes, or could offer any other help as this is my only HF rig.
> >
> > Oh yea - I have opened the case and made sure that all boards and cables (that I could get to) are properly seated or re-seated.
> >
> > Thanks in advance. W8BNL - Tom
> >
> Hi Tom, If this is the same fault my friend ad i will send you pics on how to repair it ok... John
>
Thanks John - any help would be appreciated and I have some friends around who are a little more technical if the repair is beyond what I would attempt.

7742. Re: [TS-850_450_690] Re: Sale: TS850SAT spares/repairs

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-03-29 23:12:01 UTC
From: Herwin Heriyanto
Topic: 7716 Message: 7742

I have 8 new 66312 left.
Pics http://distrowin.blogspot.com/

Best Regards

Win

at On Sat, 28 Mar 2009 21:59:07 +0000 (GMT)
"Shauney@btinternet" <shaun.townsend@...>
wrote:
>Hi do you have the ym66312?have you got all 4?
>?
>Regards Shaun

7743. Re: [TS-850_450_690] Re: Sale: TS850SAT spares/repairs

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-03-30 00:42:49 UTC
From: Shauney@btinternet
Topic: 7716 Message: 7743

How much for 4 chips i will pay via paypal,please give me the the details for payment.
Regards Shaun

--- On Mon, 30/3/09, Herwin Heriyanto <win@webmail.bppt.go.id> wrote:

From: Herwin Heriyanto <win@...>
Subject: Re: [TS-850_450_690] Re: Sale: TS850SAT spares/repairs
To: TS-850_450_690@yahoogroups.com
Date: Monday, 30 March, 2009, 1:12 AM

I have 8 new 66312 left.
Pics http://distrowin. blogspot. com/

Best Regards

Win

at On Sat, 28 Mar 2009 21:59:07 +0000 (GMT)
"Shauney@btinternet " <shaun.townsend@ btinternet. com>
wrote:
>Hi do you have the ym66312?have you got all 4?
>
>Regards Shaun

[Non-text portions of this message have been removed]

7744. Re: My TS-850SAT Panel Display

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-03-30 08:46:12 UTC
From: mm3cbo
Topic: 7734 Message: 7744

--- In TS-850_450_690@yahoogroups.com, "Tom" <w8bnl@...> wrote:
>
> --- In TS-850_450_690@yahoogroups.com, "mm3cbo" <mm3cbo@> wrote:
> >
> > --- In TS-850_450_690@yahoogroups.com, "Tom" <w8bnl@> wrote:
> > >
> > > First off - a picture of what my display looks like can be seen at, http://tommywhitewolf.hostse.com/TS-850SAT-Panel-W8BNL.jpg.
> > >
> > > The radio is otherwise completely functional and I am using HRD to handle frequency and band switching tasks. Everything to the right of the "Meter" section of the panel is a mess and unreadable. It also will change appearance as you change frequencies or push any buttons. Again, that is why I am using HRD for control.
> > >
> > > I am currently unemployed and can't afford to replace this radio. No savings or other funding available either, so I am asking if anyone out there could either walk me through some possible fixes, or could offer any other help as this is my only HF rig.
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> > > Oh yea - I have opened the case and made sure that all boards and cables (that I could get to) are properly seated or re-seated.
> > >
> > > Thanks in advance. W8BNL - Tom
> > >
> > Hi Tom, If this is the same fault my friend ad i will send you pics on how to repair it ok... John
> >
> Thanks John - any help would be appreciated and I have some friends around who are a little more technical if the repair is beyond what I would attempt.
>
ok Tom ive sent you the pics and i have posted them on the photos section under 850 display fix i hope this helps...John

7745. RE: [TS-850_450_690] Re: Sale: TS850SAT spares/repairs

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-03-30 11:22:52 UTC
From: John Parker
Topic: 7716 Message: 7745

How much for four?

Tks,

John

_____

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of Herwin Heriyanto
Sent: Sunday, March 29, 2009 4:12 PM
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] Re: Sale: TS850SAT spares/repairs

I have 8 new 66312 left.
Pics http://distrowin. <http://distrowin.blogspot.com/> blogspot.com/

Best Regards

Win

at On Sat, 28 Mar 2009 21:59:07 +0000 (GMT)
"Shauney@btinternet" <shaun.townsend@
<mailto:shaun.townsend%40btinternet.com> btinternet.com>
wrote:
>Hi do you have the ym66312?have you got all 4?
>
>Regards Shaun

[Non-text portions of this message have been removed]

7746. Re: [TS-850_450_690] Re: Sale: TS850SAT spares/repairs

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-03-30 06:52:42 UTC
From: John McCash
Topic: 7716 Message: 7746

Hi Shaun, I thought i recognised your email address just let me know if i can be of any help.

--- On Sun, 29/3/09, Shauney@btinternet <shaun.townsend@...> wrote:

From: Shauney@btinternet <shaun.townsend@btinternet.com>
Subject: Re: [TS-850_450_690] Re: Sale: TS850SAT spares/repairs
To: TS-850_450_690@yahoogroups.com
Date: Sunday, 29 March, 2009, 7:57 PM

Hi John ive been in touch with you before,have you changed your email address,tryed to contact you.

--- On Sat, 28/3/09, John McCash <mm3cbo@yahoo. co.uk> wrote:

From: John McCash <mm3cbo@yahoo. co.uk>
Subject: Re: [TS-850_450_ 690] Re: Sale: TS850SAT spares/repairs
To: TS-850_450_690@ yahoogroups. com
Date: Saturday, 28 March, 2009, 11:06 PM

Hi Shaun, Are the DDS chips in your 850 faulty or is it just the caps leaking ??

--- On Sat, 28/3/09, Shauney@btinternet <shaun.townsend@ btinternet. com> wrote:

From: Shauney@btinternet <shaun.townsend@ btinternet. com>
Subject: Re: [TS-850_450_ 690] Re: Sale: TS850SAT spares/repairs
To: TS-850_450_690@ yahoogroups. com
Date: Saturday, 28 March, 2009, 9:59 PM

Hi do you have the ym66312?have you got all 4?

Regards Shaun

--- On Sat, 28/3/09, Herwin Heriyanto <win@webmail. bppt.go.id> wrote:

From: Herwin Heriyanto <win@webmail. bppt.go.id>
Subject: Re: [TS-850_450_ 690] Re: Sale: TS850SAT spares/repairs
To: TS-850_450_690@ yahoogroups. com
Date: Saturday, 28 March, 2009, 5:20 PM

I have that DDS chips. New

Win

On Thu, 26 Mar 2009 21:43:55 -0000
"Clif" <clif@...> wrote:
>The DDS chips are discontinued. If you want them replaced
>on a board you have to supply them.
>

>Clif
>
>
>--- In TS-850_450_690@ yahoogroups. com, kremper4-850@ ...
>wrote:
>>
>> Hi Shaun,
>>
>> Distance problem recognized.
>>
>> My old (2 M S/N) TS-850 developed the Carrier Board
>>leaking-capacitor problem which Clif repaired.
>>Fortunately, the DDS chips didn't require replacement.
>>
>> During 2008, on a couple of occasions, I've seen Carrier
>>Boards offered on eBay by TS-850 owners who were parting
>>out their transceivers. Understandably, those boards sell
>>quickly.
>>
>> A suggestion: If you feel the problem(s) you're
>>experiencing with your TS-850 are confined to the Carrier
>>Board, consider removing the board from the transceiver
>>and having it repaired by Clif or someone else. Shipping
>>charges for the board alone would be far less than those
>>for the entire transceiver.
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>> GL es 73,
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>> Paul / N1FB
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>><shaun.townsend@ ...> wrote:
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>> From: Shauney@btinternet <shaun.townsend@ ...>
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>> To: TS-850_450_690@ yahoogroups. com
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>>this kind of service is limitable in the uk and very
>>expensive, i know ive got leaking caps on the car board
>>and old dds chips.Thats the starting point, i really want

>>this radio working again as it should.
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>> Cheers Paul 73s
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>> --- On Wed, 25/3/09, kremper4-850@ yahoo.com
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>> Subject: Re: [TS-850_450_ 690] Sale: TS850SAT
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>> To: TS-850_450_690@ yahoogroups. com
>> Date: Wednesday, 25 March, 2009, 3:31 PM
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>> Shaun,
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>> Should you decide not to have the TS-850 repaired (it's
>>a great rig), and decide to part with it, take the time
>>to list the problems you' re having with the rig.
>>Identify which, if any add-ons are included: filters,
>>DRU-2, VR-2, etc, and which accessories you have.
>>Determine if you want to sell items separately, ie, "part
>>it out," from internal components such as PC boards,
>>filters, the Final Unit, knobs, front and rear panels,
>>etc. Take good-quality pictures of the pieces. Then you
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>> But, I'd encourage you to seriously consider having Clif
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>> Paul / N1FB
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>> From: MM3XXW <mm3xxw@googlemail. com>
>> Subject: [TS-850_450_ 690] Sale: TS850SAT spares/repairs
>> To: TS-850_450_690@ yahoogroups. com
>> Date: Tuesday, March 24, 2009, 12:15 PM
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>>before I put it elsewhere.
>>
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>>and MC-80.
>> I've headed this spares/repairs as it is in need of

>>repair by someone more experienced than I.
>>
>> Now although I say spares/repair this unit is still
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>>equipment offered.
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>>I wish to start operating portable again but 'shack
>>manager' says I can only operate one radio at a time!!!!
>>
>> Be happy to answer any and all queries.
>>
>> Regards,
>> Martyn
>> MM3XXW
>>
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7747. Re: [TS-850_450_690] Re: Sale: TS850SAT spares/repairs

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-03-30 11:10:58 UTC
From: Herwin Heriyanto
Topic: 7716 Message: 7747

Gentlemen, I'm so sorry because I only have 8 chips left
and I have problem to trade this chips because:
1. I live in Indonesia and I don't have any International
account only Indonesian' govt bank acc.
2. I don't have any idea for the price. Please let me know
how much rational price for each chip.

Gentlemen (especially Shauney, Steve Hound, Ronald Starr,
Tracey Gardner, Vojtech Klusacek), thank you for your kind
attention

Best regards

Win

On Mon, 30 Mar 2009 06:12:01 +0700
"Herwin Heriyanto" <win@...> wrote:
>I have 8 new 66312 left.
>Pics http://distrowin.blogspot.com/
>
>Best Regards
>
>Win
>
>
>at On Sat, 28 Mar 2009 21:59:07 +0000 (GMT)
> "Shauney@btinternet" <shaun.townsend@...>
>wrote:
>>Hi do you have the ym66312?have you got all 4?
>>?
>>Regards Shaun

7748. RE: [TS-850_450_690] Re: Sale: TS850SAT spares/repairs

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-03-30 14:07:47 UTC
From: John Parker
Topic: 7716 Message: 7748

Is $15.00 USD per chip acceptable?

How much for shipping?

Where would I send funds?

Western Union is located in Indonesia. What City do you live in? They require a street address, postal code.

My shipping address

John Parker

Center for Health Studies

1730 Minor Avenue, Suite 1600

Seattle, WA 98101 USA

73,

John KD7KFT

_____

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of Herwin Heriyanto
Sent: Monday, March 30, 2009 4:11 AM
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] Re: Sale: TS850SAT spares/repairs

Gentlemen, I'm so sorry because I only have 8 chips left
and I have problem to trade this chips because:
1. I live in Indonesia and I don't have any International
account only Indonesian' govt bank acc.
2. I don't have any idea for the price. Please let me know
how much rational price for each chip.

Gentlemen (especially Shauney, Steve Hound, Ronald Starr,
Tracey Gardner, Vojtech Klusacek), thank you for your kind
attention

Best regards

Win

On Mon, 30 Mar 2009 06:12:01 +0700
"Herwin Heriyanto" <win@webmail. <mailto:win%40webmail.bppt.go.id>
bppt.go.id> wrote:

>I have 8 new 66312 left.
>Pics http://distrowin. <http://distrowin.blogspot.com/> blogspot.com/
>
>Best Regards
>
>Win
>
>
>at On Sat, 28 Mar 2009 21:59:07 +0000 (GMT)
> "Shauney@btinternet" <shaun.townsend@
<mailto:shaun.townsend%40btinternet.com> btinternet.com>
>wrote:
>>Hi do you have the ym66312?have you got all 4?
>>
>>Regards Shaun

[Non-text portions of this message have been removed]

7749. RE: [TS-850_450_690] Re: Sale: TS850SAT spares/repairs

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-03-30 15:28:35 UTC
From: John McCash
Topic: 7716 Message: 7749

It looks like pacific parts still have the chips in stock, East coast dont have any,iam sure a search of the web will find them .

--- On Mon, 30/3/09, John Parker <parkjv1@...> wrote:

From: John Parker <parkjv1@...>
Subject: RE: [TS-850_450_690] Re: Sale: TS850SAT spares/repairs
To: TS-850_450_690@yahoogroups.com
Date: Monday, 30 March, 2009, 2:07 PM

Is $15.00 USD per chip acceptable?

How much for shipping?

Where would I send funds?

Western Union is located in Indonesia. What City do you live in? They require a street address, postal code.

My shipping address

John Parker

Center for Health Studies

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73,

John KD7KFT

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From: TS-850_450_690@ yahoogroups. com [mailto:TS-850_450_690@ yahoogroups. com] On Behalf Of Herwin Heriyanto
Sent: Monday, March 30, 2009 4:11 AM
To: TS-850_450_690@ yahoogroups. com
Subject: Re: [TS-850_450_ 690] Re: Sale: TS850SAT spares/repairs

Gentlemen, I'm so sorry because I only have 8 chips left
and I have problem to trade this chips because:
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Best regards

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bppt.go.id> wrote:
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>at On Sat, 28 Mar 2009 21:59:07 +0000 (GMT)
> "Shauney@btinternet " <shaun.townsend@
<mailto:shaun. townsend% 40btinternet. com> btinternet.com>
>wrote:
>>Hi do you have the ym66312?have you got all 4?
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>>Regards Shaun

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

7750. Re: Sale: TS850SAT spares/repairs

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-03-30 16:06:06 UTC
From: Clif
Topic: 7716 Message: 7750

Try and order them is all I will say!!!!

Clif

--- In TS-850_450_690@yahoogroups.com, John McCash <mm3cbo@...> wrote:
>
> It looks like pacific parts still have the chips in stock, East coast dont have any,iam sure a search of the web will find them .
>
> --- On Mon, 30/3/09, John Parker <parkjv1@...> wrote:
>
>
> From: John Parker <parkjv1@...>
> Subject: RE: [TS-850_450_690] Re: Sale: TS850SAT spares/repairs
> To: TS-850_450_690@yahoogroups.com
> Date: Monday, 30 March, 2009, 2:07 PM
>
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>
> Is $15.00 USD per chip acceptable?
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> How much for shipping?
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> Where would I send funds?
>
> Western Union is located in Indonesia. What City do you live in? They
> require a street address, postal code.
>
> My shipping address
>
> John Parker
>
> Center for Health Studies
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> 1730 Minor Avenue, Suite 1600
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> Seattle, WA 98101 USA
>
> 73,
>
> John KD7KFT
>

> _____
>
> From: TS-850_450_690@ yahoogroups. com [mailto:TS-850_450_690@ yahoogroups. com]
> On Behalf Of Herwin Heriyanto
> Sent: Monday, March 30, 2009 4:11 AM
> To: TS-850_450_690@ yahoogroups. com
> Subject: Re: [TS-850_450_ 690] Re: Sale: TS850SAT spares/repairs
>
> Gentlemen, I'm so sorry because I only have 8 chips left
> and I have problem to trade this chips because:
> 1. I live in Indonesia and I don't have any International
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> Best regards
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> Win
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> On Mon, 30 Mar 2009 06:12:01 +0700
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> >I have 8 new 66312 left.
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> >Best Regards
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> >Win
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> >
> >at On Sat, 28 Mar 2009 21:59:07 +0000 (GMT)
> > "Shauney@btinternet " <shaun.townsend@
> <mailto:shaun. townsend% 40btinternet. com> btinternet.com>
> >wrote:
> >>Hi do you have the ym66312?have you got all 4?
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> >>Regards Shaun
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7751. Re: [TS-850_450_690] Re: Sale: TS850SAT spares/repairs

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-03-30 16:45:56 UTC
From: John McCash
Topic: 7716 Message: 7751

Yeah i think your right Clif i only looked on their site i never made any enquiries..

John.

--- On Mon, 30/3/09, Clif <clif@...> wrote:

From: Clif <clif@...>
Subject: [TS-850_450_690] Re: Sale: TS850SAT spares/repairs
To: TS-850_450_690@yahoogroups.com
Date: Monday, 30 March, 2009, 4:06 PM

Try and order them is all I will say!!!!

Clif

--- In TS-850_450_690@ yahoogroups. com, John McCash <mm3cbo@...> wrote:
>
> It looks like pacific parts still have the chips in stock, East coast dont have any,iam sure a search of the web will find them .
>
> --- On Mon, 30/3/09, John Parker <parkjv1@... > wrote:
>
>
> From: John Parker <parkjv1@... >
> Subject: RE: [TS-850_450_ 690] Re: Sale: TS850SAT spares/repairs
> To: TS-850_450_690@ yahoogroups. com
> Date: Monday, 30 March, 2009, 2:07 PM
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> How much for shipping?
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> My shipping address
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> John Parker
>

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> 73,
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> John KD7KFT
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> From: TS-850_450_690@ yahoogroups. com [mailto:TS-850_ 450_690@ yahoogroups. com]
> On Behalf Of Herwin Heriyanto
> Sent: Monday, March 30, 2009 4:11 AM
> To: TS-850_450_690@ yahoogroups. com
> Subject: Re: [TS-850_450_ 690] Re: Sale: TS850SAT spares/repairs
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> Best regards
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> On Mon, 30 Mar 2009 06:12:01 +0700
> "Herwin Heriyanto" <win@webmail. <mailto:win% 40webmail. bppt.go.id>
> bppt.go.id> wrote:
> >I have 8 new 66312 left.
> >Pics http://distrowin. <http://distrowin. blogspot. com/> blogspot.com/
> >
> >Best Regards
> >
> >Win
> >
> >
> >at On Sat, 28 Mar 2009 21:59:07 +0000 (GMT)
> > "Shauney@btinternet " <shaun.townsend@
> <mailto:shaun. townsend% 40btinternet. com> btinternet.com>
> >wrote:
> >>Hi do you have the ym66312?have you got all 4?
> >>

> >>Regards Shaun
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7752. Re: [TS-850_450_690] Re: Sale: TS850SAT spares/repairs

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-03-30 16:47:28 UTC
From: James Christiansen
Topic: 7716 Message: 7752

Clif,

I have an older TS-850 with the older chips, but have never had a problem (rig is over 18 years old). I don't think you need to replace them unless there are issues with them. A lot of the older chips work fine. Only certain ones had issues. Is it your recommendation to replace them anyway?

Mike, N4GW

From: Clif <clif@...>
To: TS-850_450_690@yahoogroups.com
Sent: Monday, March 30, 2009 12:06:06 PM
Subject: [TS-850_450_690] Re: Sale: TS850SAT spares/repairs

Try and order them is all I will say!!!!

Clif

--- In TS-850_450_690@ yahoogroups. com, John McCash <mm3cbo@...> wrote:
>
> It looks like pacific parts still have the chips in stock, East coast dont have any,iam sure a search of the web will find them .
>
> --- On Mon, 30/3/09, John Parker <parkjv1@... > wrote:
>
>
> From: John Parker <parkjv1@... >
> Subject: RE: [TS-850_450_ 690] Re: Sale: TS850SAT spares/repairs
> To: TS-850_450_690@ yahoogroups. com
> Date: Monday, 30 March, 2009, 2:07 PM
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> Is $15.00 USD per chip acceptable?
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> How much for shipping?
>
> Where would I send funds?
>
> Western Union is located in Indonesia. What City do you live in? They
> require a street address, postal code.
>

> My shipping address
>
> John Parker
>
> Center for Health Studies
>
> 1730 Minor Avenue, Suite 1600
>
> Seattle, WA 98101 USA
>
> 73,
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> John KD7KFT
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> From: TS-850_450_690@ yahoogroups. com [mailto:TS-850_ 450_690@ yahoogroups. com]
> On Behalf Of Herwin Heriyanto
> Sent: Monday, March 30, 2009 4:11 AM
> To: TS-850_450_690@ yahoogroups. com
> Subject: Re: [TS-850_450_ 690] Re: Sale: TS850SAT spares/repairs
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7753. Re: Sale: TS850SAT spares/repairs

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-03-30 19:05:33 UTC
From: Clif
Topic: 7716 Message: 7753

My first rule of thumb: "If it ain't broke, don't fix it"

Check for leaking caps and batteries, sure, and if they're leaking (broke) replace them.

Clif

--- In TS-850_450_690@yahoogroups.com, James Christiansen <starmike@...> wrote:
>
> Clif,
>
> I have an older TS-850 with the older chips, but have never had a problem (rig is over 18 years old). I don't think you need to replace them unless there are issues with them. A lot of the older chips work fine. Only certain ones had issues. Is it your recommendation to replace them anyway?
>
> Mike, N4GW
>
>
>
>
>
> _____
> From: Clif <clif@...>
> To: TS-850_450_690@yahoogroups.com
> Sent: Monday, March 30, 2009 12:06:06 PM
> Subject: [TS-850_450_690] Re: Sale: TS850SAT spares/repairs
>
>
> Try and order them is all I will say!!!!
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> Clif
>
> --- In TS-850_450_690@ yahoogroups. com, John McCash <mm3cbo@> wrote:
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> > It looks like pacific parts still have the chips in stock, East coast dont have any,iam sure a search of the web will find them .
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> > --- On Mon, 30/3/09, John Parker <parkjv1@ > wrote:
> >
> >
> > From: John Parker <parkjv1@ >
> > Subject: RE: [TS-850_450_ 690] Re: Sale: TS850SAT spares/repairs
> > To: TS-850_450_690@ yahoogroups. com
> > Date: Monday, 30 March, 2009, 2:07 PM
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> > Sent: Monday, March 30, 2009 4:11 AM
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7754. Re: [TS-850_450_690] Re: Sale: TS850SAT spares/repairs

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-03-30 20:15:02 UTC
From: Mike Christiansen
Topic: 7716 Message: 7754

Mine had all the caps and battery replaced at the end of last year. I think it will be good for many many years

Mike, N4GW

On Mar 30, 2009, at 3:05 PM, Clif wrote:

> My first rule of thumb: "If it ain't broke, don't fix it"
>
> Check for leaking caps and batteries, sure, and if they're leaking
> (broke) replace them.
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, James Christiansen
> <starmike@...> wrote:
> >
> > Clif,
> >
> > I have an older TS-850 with the older chips, but have never had a
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> > Mike, N4GW
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> >
> >
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> > _____
> > From: Clif <clif@...>
> > To: TS-850_450_690@yahoogroups.com
> > Sent: Monday, March 30, 2009 12:06:06 PM
> > Subject: [TS-850_450_690] Re: Sale: TS850SAT spares/repairs
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> > Try and order them is all I will say!!!!
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> > --- In TS-850_450_690@ yahoogroups. com, John McCash <mm3cbo@>
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> > > To: TS-850_450_690@ yahoogroups. com
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> > > On Mon, 30 Mar 2009 06:12:01 +0700
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> > > >at On Sat, 28 Mar 2009 21:59:07 +0000 (GMT)
> > > > "Shauney@btinternet " <shaun.townsend@
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7755. Re: TS-850 Repairs

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-03-30 21:06:54 UTC
From: kremper4-850@yahoo.com
Topic: 7755 Message: 7755

A good rule of thumb, Clif!

I hereby deposit my 2 cents:

I encourage *all* TS-850 owners to closely check the CAR Unit (X50-3140-00) PC board for signs of capacitor leakage unless you know the capacitors are good or have been replaced. The most well-known eight (8) bad actors are C8, C10, C13, C15, C20, C22, C25 and C27. In some cases, the leaking electrolyte may be difficult to spot -- it may be concealed beneath the capacitors themselves.

My older 2-M serial number TS-850 was repaired by Clif a couple of years ago. The rig's CAR Unit leaky capacitors had made a mess. Recently, while tracing an AGC problem in another TS-850 -- a much younger TS-850 with a 7-M serial number -- I decided to check the CAR Unit. Sure enough, inspection showed one wet-looking area, Further checking revealed another wet area. Then I spotted three (3) other of the bad boys who sported dull, rough-looking leads, appearing much like cold solder joints: the effect of the electrolyte eating away at the soldered lead. One capacitor's lead was so corroded that simply touching the capacitor body broke the lead. Around those capacitors were no wet areas -- but *beneath* the capacitors' bodies I found the oily electrolyte.

Chances are you'll need to use a magnifying glass, eye loupe, headset magnifiers and eyeglasses when inspecting the board.

I've attached a couple of photos of that CAR Unit PC board.

73,

Paul / N1FB

--- On Mon, 3/30/09, Clif <clif@...> wrote:

From: Clif <clif@...>
Subject: [TS-850_450_690] Re: Sale: TS850SAT spares/repairs
To: TS-850_450_690@...m
Date: Monday, March 30, 2009, 3:05 PM

My first rule of thumb: "If it ain't broke, don't fix it"

Check for leaking caps and batteries, sure, and if they're leaking (broke) replace them.

Clif

--- In TS-850_450_690@ yahoogroups. com, James Christiansen <starmike@.. .> wrote:
>
> Clif,
>
> I have an older TS-850 with the older chips, but have never had a problem (rig is over 18 years old). I don't think you need to replace them unless there are issues with them. A

lot of the older chips work fine. Only certain ones had issues. Is it your recommendation to replace them anyway?
>
> Mike, N4GW
>
>
>
>
>
> ____________ _________ _________ __
> From: Clif <clif@...>
> To: TS-850_450_690@ yahoogroups. com
> Sent: Monday, March 30, 2009 12:06:06 PM
> Subject: [TS-850_450_ 690] Re: Sale: TS850SAT spares/repairs
>
>
> Try and order them is all I will say!!!!
>
> Clif
>
> --- In TS-850_450_690@ yahoogroups. com, John McCash <mm3cbo@> wrote:
> >
> > It looks like pacific parts still have the chips in stock, East coast dont have any,iam sure a search of the web will find them .
> >
> > --- On Mon, 30/3/09, John Parker <parkjv1@ > wrote:
> >
> >
> > From: John Parker <parkjv1@ >
> > Subject: RE: [TS-850_450_ 690] Re: Sale: TS850SAT spares/repairs
> > To: TS-850_450_690@ yahoogroups. com
> > Date: Monday, 30 March, 2009, 2:07 PM
> >
> >
> >
> >
> >
> >
> > Is $15.00 USD per chip acceptable?
> >
> > How much for shipping?
> >
> > Where would I send funds?
> >
> > Western Union is located in Indonesia. What City do you live in? They
> > require a street address, postal code.
> >
> > My shipping address
> >
> > John Parker
> >

> > Center for Health Studies
> >
> > 1730 Minor Avenue, Suite 1600
> >
> > Seattle, WA 98101 USA
> >
> > 73,
> >
> > John KD7KFT
> >
> > _____
> >
> > From: TS-850_450_690@ yahoogroups. com [mailto:TS-850_ 450_690@ yahoogroups. com]
> > On Behalf Of Herwin Heriyanto
> > Sent: Monday, March 30, 2009 4:11 AM
> > To: TS-850_450_690@ yahoogroups. com
> > Subject: Re: [TS-850_450_ 690] Re: Sale: TS850SAT spares/repairs
> >
> > Gentlemen, I'm so sorry because I only have 8 chips left
> > and I have problem to trade this chips because:
> > 1. I live in Indonesia and I don't have any International
> > account only Indonesian' govt bank acc.
> > 2. I don't have any idea for the price. Please let me know
> > how much rational price for each chip.
> >
> > Gentlemen (especially Shauney, Steve Hound, Ronald Starr,
> > Tracey Gardner, Vojtech Klusacek), thank you for your kind
> > attention
> >
> > Best regards
> >
> > Win
> >
> > On Mon, 30 Mar 2009 06:12:01 +0700
> > "Herwin Heriyanto" <win@webmail. <mailto:win% 40webmail. bppt.go.id>
> > bppt.go.id> wrote:
> > >I have 8 new 66312 left.
> > >Pics http://distrowin. <http://distrowin. blogspot. com/> blogspot.com/
> > >
> > >Best Regards
> > >
> > >Win
> > >
> > >
> > >at On Sat, 28 Mar 2009 21:59:07 +0000 (GMT)
> > > "Shauney@btinternet " <shaun.townsend@
> > <mailto:shaun. townsend% 40btinternet. com> btinternet.com>
> > >wrote:
> > >>Hi do you have the ym66312?have you got all 4?
> > >>

> > >>Regards Shaun
> >
> > [Non-text portions of this message have been removed]
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[Non-text portions of this message have been removed]

7756. Re: TS-850 Repairs

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-03-30 23:06:31 UTC
From: ronald_starr
Topic: 7755 Message: 7756

Point well taken! Wonder if anyone has a recommendation for a source(s)
and perhaps type/brand of replacement caps for peace of mind. Have a couple of boards to update with fresh caps and battery holders.
Thanks for the help!
Ron K0OXB

(Snip)..I encourage *all* TS-850 owners to closely check the CAR Unit (X50-3140-00) PC board for signs of capacitor leakage unless you know the capacitors are good or have been replaced.

7757. Re: [TS-850_450_690] Re: TS-850 Repairs

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-03-31 00:00:46 UTC
From: dave@zievid.com
Topic: 7755 Message: 7757

A couple of years ago I used Mouser:

647-UUD1E470MCL - 47uf, 25v qty 1
647-UUD1E220MCL - 22uf, 25v qty 10 (Mouser didn't have 10uf in stock)

There are some gory photos of dead caps and repairs on
http://www.zievid.com/W6OT/TS-850/TS-850.htm

- Dave
W6OT

>
>
> Point well taken! Wonder if anyone has a recommendation for a source(s)
> and perhaps type/brand of replacement caps for peace of mind. Have a
> couple of boards to update with fresh caps and battery holders.
> Thanks for the help!
> Ron K0OXB
>
> (Snip)..I?encourage *all* TS-850 owners to closely check the CAR Unit
> (X50-3140-00) PC board for signs of capacitor leakage unless you know the
> capacitors are good or have been replaced.
>
>

7758. RE: [TS-850_450_690] Re: Sale: TS850SAT spares/repairs

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-03-31 02:44:40 UTC
From: John Parker
Topic: 7716 Message: 7758

I did a pretty through search on the web and didn't find any. Those warehouses with the min order of $300.00 says they have them. I don't believe pacparts has them. I have had this problem in the past where they indicate they have it and I get a phone followup that it's no longer carried.

I tend to believe Cliff since he's been around the block a few times reparing these things.

John

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com] On Behalf Of John McCash
Sent: Monday, March 30, 2009 8:29 AM
To: TS-850_450_690@yahoogroups.com
Subject: RE: [TS-850_450_690] Re: Sale: TS850SAT spares/repairs

It looks like pacific parts still have the chips in stock, East coast dont have any,iam sure a search of the web will find them .

--- On Mon, 30/3/09, John Parker <parkjv1@comcast. <mailto:parkjv1%40comcast.net> net> wrote:

From: John Parker <parkjv1@comcast. <mailto:parkjv1%40comcast.net> net>
Subject: RE: [TS-850_450_690] Re: Sale: TS850SAT spares/repairs
To: TS-850_450_690@ <mailto:TS-850_450_690%40yahoogroups.com> yahoogroups.com
Date: Monday, 30 March, 2009, 2:07 PM

Is $15.00 USD per chip acceptable?

How much for shipping?

Where would I send funds?

Western Union is located in Indonesia. What City do you live in? They require a street address, postal code.

My shipping address

John Parker

Center for Health Studies

1730 Minor Avenue, Suite 1600

Seattle, WA 98101 USA

73,

John KD7KFT

From: TS-850_450_690@ yahoogroups. com [mailto:TS-850_450_690@ yahoogroups.
com]
On Behalf Of Herwin Heriyanto
Sent: Monday, March 30, 2009 4:11 AM
To: TS-850_450_690@ yahoogroups. com
Subject: Re: [TS-850_450_ 690] Re: Sale: TS850SAT spares/repairs

Gentlemen, I'm so sorry because I only have 8 chips left
and I have problem to trade this chips because:
1. I live in Indonesia and I don't have any International
account only Indonesian' govt bank acc.
2. I don't have any idea for the price. Please let me know
how much rational price for each chip.

Gentlemen (especially Shauney, Steve Hound, Ronald Starr,
Tracey Gardner, Vojtech Klusacek), thank you for your kind
attention

Best regards

Win

On Mon, 30 Mar 2009 06:12:01 +0700
"Herwin Heriyanto" <win@webmail. <mailto:win% 40webmail. bppt.go.id>
bppt.go.id> wrote:
>I have 8 new 66312 left.
>Pics http://distrowin. <http://distrowin. blogspot. com/> blogspot.com/
>
>Best Regards
>
>Win
>
>
>at On Sat, 28 Mar 2009 21:59:07 +0000 (GMT)
> "Shauney@btinternet " <shaun.townsend@
<mailto:shaun. townsend% 40btinternet. com> btinternet.com>
>wrote:
>>Hi do you have the ym66312?have you got all 4?
>>
>>Regards Shaun

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7759. Re: [TS-850_450_690] Re: Sale: TS850SAT spares/repairs

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-04-01 00:47:42 UTC
From: Herwin Heriyanto
Topic: 7716 Message: 7759

Hello Gentlemen

Sorry for late answer. I have to go to Borneo this evening and next Saturday will be back to Jakarta.

Thank you all for email and attention. I surprised for all response (too many proposed for 8 chips). Once again thank you very much

See you next Saturday because I don't think I will have internet facility there in Borneo

Best Regards

Win

7760. YM 6631's

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-04-01 18:10:05 UTC
From: Doug Backer
Topic: 7760 Message: 7760

I called PacParts to see if they had any YM6631's ant they said I had to get authorization form Kenwood to order them...He(PacParts) said they did not have any in stock and have never stocked em but when they get an order for em they order from Kenwood them ship to the customer....I called Kenwood to get the authorization to give to PacParts and this is the NOT GOOD e-mail I got from Kenwood.
Hello Doug:

I do not have good news the last 4 YM6631 were sold last week.

The part you have requested YM6631 is no longer available in the U.S. or Japan.

There is no cross reference or replacement part for this item.

If you need further assistance, please e-mail us again. You may also call for Customer Support at: (310) 639-4200 you will hear three prompts when your hear a voice press 5, voice again 2, and voice again 1. You may also fax to (310) 537-8235, or email to: kcc-amateur@...

Sincerely, Leo Fahmie KJ6HI
Kenwood Amateur Radio Customer Support

[Non-text portions of this message have been removed]

7761. RE: [TS-850_450_690] YM 6631's

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-04-01 21:27:14 UTC
From: Bill Maddock
Topic: 7760 Message: 7761

What about YM66312 which is replacement?

-----Original Message-----
From: Doug Backer <dougbacker@...>
Sent: Wednesday, April 01, 2009 1:10 PM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] YM 6631's

I called PacParts to see if they had any YM6631's ant they said I had to get authorization form Kenwood to order them...He(PacParts) said they did not have any in stock and have never stocked em but when they get an order for em they order from Kenwood them ship to the customer....I called Kenwood to get the authorization to give to PacParts and this is the NOT GOOD e-mail I got from Kenwood.
Hello Doug:

I do not have good news the last 4 YM6631 were sold last week.

The part you have requested YM6631 is no longer available in the U.S. or Japan.

There is no cross reference or replacement part for this item.

If you need further assistance, please e-mail us again. You may also call for Customer Support at: (310) 639-4200 you will hear three prompts when your hear a voice press 5, voice again 2, and voice again 1. You may also fax to (310) 537-8235, or email to: kcc-amateur@...

Sincerely, Leo Fahmie KJ6HI
Kenwood Amateur Radio Customer Support

[Non-text portions of this message have been removed]

[The entire original message is not included]

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7762. Re: [TS-850_450_690] YM 6631's

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-04-01 23:03:04 UTC
From: kremper4-850@yahoo.com
Topic: 7760 Message: 7762

Not that it makes much difference at this point, but I believe that the YM6631 is the older version of that DDS IC -- the later version is/was the YM66312.

73,

Paul / N1FB

--- On Wed, 4/1/09, Doug Backer <dougbacker@...> wrote:

From: Doug Backer <dougbacker@...>
Subject: [TS-850_450_690] YM 6631's
To: TS-850_450_690@yahoogroups.com
Date: Wednesday, April 1, 2009, 2:10 PM

I called PacParts to see if they had any YM6631's ant they said I had to get authorization form Kenwood to order them...He(PacParts) said they did not have any in stock and have never stocked em but when they get an order for em they order from Kenwood them ship to the customer.... I called Kenwood to get the authorization to give to PacParts and this is the NOT GOOD e-mail I got from Kenwood.
Hello Doug:

I do not have good news the last 4 YM6631 were sold last week.

The part you have requested YM6631 is no longer available in the U.S. or Japan.

There is no cross reference or replacement part for this item.

If you need further assistance, please e-mail us again. You may also call for Customer Support at: (310) 639-4200 you will hear three prompts when your hear a voice press 5, voice again 2, and voice again 1. You may also fax to (310) 537-8235, or email to: kcc-amateur@ kenwoodusa. com

Sincerely, Leo Fahmie KJ6HI
Kenwood Amateur Radio Customer Support

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[Non-text portions of this message have been removed]

7763. RE: [TS-850_450_690] YM 6631's

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-04-01 23:06:15 UTC
From: kremper4-850@yahoo.com
Topic: 7760 Message: 7763

Chances are you won't find them either. I've inquired via on-line parts-search companies and they've come up with zero for both the YM6631 and YM66312.

73,

Paul / N1FB

--- On Wed, 4/1/09, Bill Maddock <n4zi96@...> wrote:

From: Bill Maddock <n4zi96@...>
Subject: RE: [TS-850_450_690] YM 6631's
To: TS-850_450_690@yahoogroups.com
Date: Wednesday, April 1, 2009, 5:27 PM

What about YM66312 which is replacement?

-----Original Message-----
From: Doug Backer <dougbacker@yahoo. com>
Sent: Wednesday, April 01, 2009 1:10 PM
To: TS-850_450_690@ yahoogroups. com
Subject: [TS-850_450_ 690] YM 6631's

I called PacParts to see if they had any YM6631's ant they said I had to get authorization form Kenwood to order them...He(PacParts) said they did not have any in stock and have never stocked em but when they get an order for em they order from Kenwood them ship to the customer.... I called Kenwood to get the authorization to give to PacParts and this is the NOT GOOD e-mail I got from Kenwood.
Hello Doug:

I do not have good news the last 4 YM6631 were sold last week.

The part you have requested YM6631 is no longer available in the U.S. or Japan.

There is no cross reference or replacement part for this item.

If you need further assistance, please e-mail us again. You may also call for Customer Support at: (310) 639-4200 you will hear three prompts when your hear a voice press 5, voice again 2, and voice again 1. You may also fax to (310) 537-8235, or email to: kcc-amateur@ kenwoodusa. com

Sincerely, Leo Fahmie KJ6HI
Kenwood Amateur Radio Customer Support

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[The entire original message is not included]

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[Non-text portions of this message have been removed]

7764. Re: YM 6631's

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-04-02 08:49:17 UTC
From: ok1vaw
Topic: 7760 Message: 7764

Hello,
as far as I have a two weeks ago got in the same problem with a need of YM6631, I spend a lot of time to get it.
There is at least one company in USA which has still stocked YM6631 (about 45USD), but concerning the YM66312, I have found only few offers (around 400 pieces) from Asia and mostly those companies want to sell the whole lot and for a few pieces there was no response.

It is quite important to take in account a risk, that the component from outside Kenwood network could be a fake (as far as what is needed will be faked), so it needs a quality test or some similar check before buy. I have met with such a thing with some processors from China and it was a very unpleasant problem. The top of the component seen under the microscope was brushed to delete old laser marking, than a new coating was added and new laser description....without a detalied inspection practically invisible.

If you need a few pieces as a private, it has no great use to buy 100, but on the other hand a person, who repairs the radios often for other people could do that.

I personally want two of the YM66312, so if somebody find a serious small quantity source, please let me know.

7765. TS-850 Cat control-Speed of data transfer go and back

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-04-02 11:36:52 UTC
From: bzkroby
Topic: 7765 Message: 7765

Hi all, I have built an interface to control the radio with HRD. It works fine but if I send data from HRD to radio they are sent immediatly and the radio follows the tuning of HRD on the same time. If I tune the radio the data changing are sent after 1 second, more or less. If I tune the radio fast the data are not sent (and HRD send an error)until tuning is stopped. This is not a big trouble but with other radio (IC751 and piexx interface) the effect doesn't appears.

Roby, I3BZK from Italy

7766. Re: [TS-850_450_690] Re: YM 6631's

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-04-02 14:51:29 UTC
From: kremper4-850@yahoo.com
Topic: 7760 Message: 7766

Yes -- as always, it's "caveat emptor," buyer beware, especially when dealing with unknowns.

73,

Paul / N1FB

--- On Thu, 4/2/09, ok1vaw <ok1vaw@...> wrote:

From: ok1vaw <ok1vaw@...>
Subject: [TS-850_450_690] Re: YM 6631's
To: TS-850_450_690@yahoogroups.com
Date: Thursday, April 2, 2009, 4:49 AM

Hello,
as far as I have a two weeks ago got in the same problem with a need of YM6631, I spend a lot of time to get it.
There is at least one company in USA which has still stocked YM6631 (about 45USD), but concerning the YM66312, I have found only few offers (around 400 pieces) from Asia and mostly those companies want to sell the whole lot and for a few pieces there was no response.

It is quite important to take in account a risk, that the component from outside Kenwood network could be a fake (as far as what is needed will be faked), so it needs a quality test or some similar check before buy. I have met with such a thing with some processors from China and it was a very unpleasant problem. The top of the component seen under the microscope was brushed to delete old laser marking, than a new coating was added and new laser description. ...without a detalied inspection practically invisible.

If you need a few pieces as a private, it has no great use to buy 100, but on the other hand a person, who repairs the radios often for other people could do that.

I personally want two of the YM66312, so if somebody find a serious small quantity source, please let me know.

[Non-text portions of this message have been removed]

7767. Re: [TS-850_450_690] TS-850 Cat control-Speed of data transfer go and back

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-04-02 16:14:36 UTC
From: Mike Christiansen
Topic: 7765 Message: 7767

I have noticed the same issue with my TS-850. If I continuously turn the VFO, my rig control software will loose its connection. It appears the 850 oonly send CAT information when the radio is idle. Not a big issue, but probably just the way it was designed

Mike N4GW

On Apr 2, 2009, at 7:36 AM, bzkroby wrote:

> Hi all, I have built an interface to control the radio with HRD. It
> works fine but if I send data from HRD to radio they are sent
> immediatly and the radio follows the tuning of HRD on the same time.
> If I tune the radio the data changing are sent after 1 second, more
> or less. If I tune the radio fast the data are not sent (and HRD
> send an error)until tuning is stopped. This is not a big trouble but
> with other radio (IC751 and piexx interface) the effect doesn't
> appears.
>
> Roby, I3BZK from Italy
>
>
>

[Non-text portions of this message have been removed]

7768. Re: [TS-850_450_690] Re: YM 6631's

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-04-02 18:29:45 UTC
From: kremper4-850@yahoo.com
Topic: 7760 Message: 7768

Hi Vojtech,

I got a chuckle out of your comment on your Web site regarding the 2-m amplifier you built: "bombenfest und idiotensicher" -- (bombproof and idiot safe)!

Regarding your e-mail referring to the YM6631 ICs: Can you provide the name of the US company that supposedly has some of those in stock? Perhaps one or more of the group members would be interested in further investigating that lead. Maybe there's a way to determine if that company is one that can be trusted to deliver the proper goods.

73,

Paul / N1FB

--- On Thu, 4/2/09, ok1vaw <ok1vaw@...> wrote:

From: ok1vaw <ok1vaw@...>
Subject: [TS-850_450_690] Re: YM 6631's
To: TS-850_450_690@yahoogroups.com
Date: Thursday, April 2, 2009, 4:49 AM

Hello,
as far as I have a two weeks ago got in the same problem with a need of YM6631, I spend a lot of time to get it.
There is at least one company in USA which has still stocked YM6631 (about 45USD), but concerning the YM66312, I have found only few offers (around 400 pieces) from Asia and mostly those companies want to sell the whole lot and for a few pieces there was no response.

It is quite important to take in account a risk, that the component from outside Kenwood network could be a fake (as far as what is needed will be faked), so it needs a quality test or some similar check before buy. I have met with such a thing with some processors from China and it was a very unpleasant problem. The top of the component seen under the microscope was brushed to delete old laser marking, than a new coating was added and new laser description. ...without a detalied inspection practically invisible.

If you need a few pieces as a private, it has no great use to buy 100, but on the other hand a person, who repairs the radios often for other people could do that.

I personally want two of the YM66312, so if somebody find a serious small quantity source, please let me know.

[Non-text portions of this message have been removed]

7769. Re: [TS-850_450_690] TS-850 Cat control-Speed of data transfer go and back

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-04-02 19:05:19 UTC
From: CT1EEK Nuno
Topic: 7765 Message: 7769

The same happens to me.

Maybe it's because the data rate is only 4800 bits per second, I think, :-(((

I use the cat cable from ZLP Electronics.

Nuno CT1EEK
IM59HD

----- Original Message -----
From: Mike Christiansen
To: TS-850_450_690@yahoogroups.com
Sent: Thursday, April 02, 2009 5:14 PM
Subject: Re: [TS-850_450_690] TS-850 Cat control-Speed of data transfer go and back

I have noticed the same issue with my TS-850. If I continuously turn
the VFO, my rig control software will loose its connection. It
appears the 850 oonly send CAT information when the radio is idle.
Not a big issue, but probably just the way it was designed

Mike N4GW

On Apr 2, 2009, at 7:36 AM, bzkroby wrote:

> Hi all, I have built an interface to control the radio with HRD. It
> works fine but if I send data from HRD to radio they are sent
> immediatly and the radio follows the tuning of HRD on the same time.
> If I tune the radio the data changing are sent after 1 second, more
> or less. If I tune the radio fast the data are not sent (and HRD
> send an error)until tuning is stopped. This is not a big trouble but
> with other radio (IC751 and piexx interface) the effect doesn't
> appears.
>
> Roby, I3BZK from Italy
>
>
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

7770. Re: [TS-850_450_690] TS-850 Cat control-Speed of data transfer go and back

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-04-02 19:45:05 UTC
From: Dave Gmail
Topic: 7765 Message: 7770

check your "polling" rate in you software...if it can be edited...

Dave

----- Original Message -----
From: Mike Christiansen
To: TS-850_450_690@yahoogroups.com
Sent: Thursday, April 02, 2009 12:14 PM
Subject: Re: [TS-850_450_690] TS-850 Cat control-Speed of data transfer go and back

I have noticed the same issue with my TS-850. If I continuously turn
the VFO, my rig control software will loose its connection. It
appears the 850 oonly send CAT information when the radio is idle.
Not a big issue, but probably just the way it was designed

Mike N4GW

On Apr 2, 2009, at 7:36 AM, bzkroby wrote:

> Hi all, I have built an interface to control the radio with HRD. It
> works fine but if I send data from HRD to radio they are sent
> immediatly and the radio follows the tuning of HRD on the same time.
> If I tune the radio the data changing are sent after 1 second, more
> or less. If I tune the radio fast the data are not sent (and HRD
> send an error)until tuning is stopped. This is not a big trouble but
> with other radio (IC751 and piexx interface) the effect doesn't
> appears.
>
> Roby, I3BZK from Italy
>
>
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

7771. Re: TS-850 Cat control-Speed of data transfer go and back

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-04-02 20:13:52 UTC
From: Richard Ferch
Topic: 7765 Message: 7771

It doesn't matter what the polling rate is, if the tuning dial on the TS-850 is continuously turned it will not communicate over the serial port. The microprocessor in the TS-850 cannot communicate over the serial port while the tuning dial is actually being turned. You have to tune the radio in short bursts, leaving the dial fixed for at least a short time every so often in order to allow the radio to communicate with the computer. Changing the polling rate may affect how long these bursts are and how often and for how long you need to stop turning the dial, but it will not allow you to turn the dial continuously without losing communications with the computer.

73,
Rich VE3KI

--- In TS-850_450_690@yahoogroups.com, "Dave Gmail" <ve3wej@...> wrote:
>
> check your "polling" rate in you software...if it can be edited...
>
> Dave
>
>
> ----- Original Message -----
> From: Mike Christiansen
> To: TS-850_450_690@yahoogroups.com
> Sent: Thursday, April 02, 2009 12:14 PM
> Subject: Re: [TS-850_450_690] TS-850 Cat control-Speed of data transfer go and back
>
>
> I have noticed the same issue with my TS-850. If I continuously turn
> the VFO, my rig control software will loose its connection. It
> appears the 850 oonly send CAT information when the radio is idle.
> Not a big issue, but probably just the way it was designed
>
> Mike N4GW
>
> On Apr 2, 2009, at 7:36 AM, bzkroby wrote:
>
> > Hi all, I have built an interface to control the radio with HRD. It
> > works fine but if I send data from HRD to radio they are sent
> > immediatly and the radio follows the tuning of HRD on the same time.
> > If I tune the radio the data changing are sent after 1 second, more
> > or less. If I tune the radio fast the data are not sent (and HRD
> > send an error)until tuning is stopped. This is not a big trouble but
> > with other radio (IC751 and piexx interface) the effect doesn't
> > appears.
> >
> > Roby, I3BZK from Italy

> >
> >
> >
>
> [Non-text portions of this message have been removed]
>
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> [Non-text portions of this message have been removed]
>

7772. Re: My TS-850SAT Panel Display

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-04-02 22:07:01 UTC
From: Tom
Topic: 7734 Message: 7772

--- In TS-850_450_690@yahoogroups.com, "mm3cbo" <mm3cbo@...> wrote:
>
> --- In TS-850_450_690@yahoogroups.com, "Tom" <w8bnl@> wrote:
> >
> > --- In TS-850_450_690@yahoogroups.com, "mm3cbo" <mm3cbo@> wrote:
> > >
> > > --- In TS-850_450_690@yahoogroups.com, "Tom" <w8bnl@> wrote:
> > > >
> > > > First off - a picture of what my display looks like can be seen at, http://tommywhitewolf.hostse.com/TS-850SAT-Panel-W8BNL.jpg.
> > > >
> > > > The radio is otherwise completely functional and I am using HRD to handle frequency and band switching tasks. Everything to the right of the "Meter" section of the panel is a mess and unreadable. It also will change appearance as you change frequencies or push any buttons. Again, that is why I am using HRD for control.
> > > >
> > > > I am currently unemployed and can't afford to replace this radio. No savings or other funding available either, so I am asking if anyone out there could either walk me through some possible fixes, or could offer any other help as this is my only HF rig.
> > > >
> > > > Oh yea - I have opened the case and made sure that all boards and cables (that I could get to) are properly seated or re-seated.
> > > >
> > > > Thanks in advance. W8BNL - Tom
> > > >
> > > Hi Tom, If this is the same fault my friend ad i will send you pics on how to repair it ok... John
> > >
> > Thanks John - any help would be appreciated and I have some friends around who are a little more technical if the repair is beyond what I would attempt.
> >
> ok Tom ive sent you the pics and i have posted them on the photos section under 850 display fix i hope this helps...John
>

The TS-850 is back on the air - thanks to all for your help. The capacitor needed replacing and a trace had to be repaired. $80 later and all is well. I don't know much about that old saying, "When pigs fly" but I am one HAPPY HAM!!!

73 to all de W8BNL - Tom

7773. Re: TS-850 Cat control-Speed of data transfer go and back

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-04-03 07:14:26 UTC
From: bzkroby
Topic: 7765 Message: 7773

--- In TS-850_450_690@yahoogroups.com, "Richard Ferch" <ve3iay@...> wrote:
>
> It doesn't matter what the polling rate is, if the tuning dial on the TS-850 is continuously turned it will not communicate over the serial port. The microprocessor in the TS-850 cannot communicate over the serial port while the tuning dial is actually being turned. You have to tune the radio in short bursts, leaving the dial fixed for at least a short time every so often in order to allow the radio to communicate with the computer. Changing the polling rate may affect how long these bursts are and how often and for how long you need to stop turning the dial, but it will not allow you to turn the dial continuously without losing communications with the computer.
>
> 73,
> Rich VE3KI
>
>

I agree with you. Probabily this is normal in TS850 rig and no solution are available for faster the transfer rate from radio.
Thanks to all for the discussion.

Roby, I3BZK

7774. Re: [TS-850_450_690] Re: TS-850 Cat control-Speed of data transfer go and back

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-04-03 19:13:21 UTC
From: Dave Gmail
Topic: 7765 Message: 7774

did not realize he was trying to manual and auto change at the same time, wondering why, but your right, you cant do auto, until the ride has come to a complete stop, as they say

----- Original Message -----
From: bzkroby
To: TS-850_450_690@yahoogroups.com
Sent: Friday, April 03, 2009 3:14 AM
Subject: [TS-850_450_690] Re: TS-850 Cat control-Speed of data transfer go and back

--- In TS-850_450_690@yahoogroups.com, "Richard Ferch" <ve3iay@...> wrote:
>
> It doesn't matter what the polling rate is, if the tuning dial on the TS-850 is continuously turned it will not communicate over the serial port. The microprocessor in the TS-850 cannot communicate over the serial port while the tuning dial is actually being turned. You have to tune the radio in short bursts, leaving the dial fixed for at least a short time every so often in order to allow the radio to communicate with the computer. Changing the polling rate may affect how long these bursts are and how often and for how long you need to stop turning the dial, but it will not allow you to turn the dial continuously without losing communications with the computer.
>
> 73,
> Rich VE3KI
>
>

I agree with you. Probabily this is normal in TS850 rig and no solution are available for faster the transfer rate from radio.
Thanks to all for the discussion.

Roby, I3BZK

[Non-text portions of this message have been removed]

7775. Power Connector Questions

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-04-04 16:34:01 UTC
From: Norm Klieman
Topic: 7775 Message: 7775

Hi - I have an TS-850S and had two power related questions.

1. Is the molex power plug from the TS-450s the same as the TS-850?

2. Is a 13.8 volt 20 amp supply ok to use to do you need a high rating on the amperage for the TS -850S?

Thanks for the help.

73's -- Norm K9NK

[Non-text portions of this message have been removed]

7776. Re: [TS-850_450_690] Power Connector Questions

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-04-04 23:40:56 UTC
From: WW3S
Topic: 7775 Message: 7776

I believe the plugs are the same, 20 amps is a little lite for full power
out....
On 4/4/2009 12:34:01 PM, Norm Klieman (k9nk@...) wrote:
> Hi - I have an TS-850S and had two power related questions.
>
> 1. Is the molex power plug from the TS-450s the same as the TS-850?
>
> 2. Is a 13.8 volt 20 amp supply ok to use to do you need a high rating on
> the amperage for the TS -850S?
>
> Thanks for the help.
>
> 73's -- Norm K9NK
>
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>

7777. Re: Power Connector Questions

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-04-05 00:15:54 UTC
From: Roland Spoon
Topic: 7775 Message: 7777

Aloha Norm,
The 850 draws 21 amps in transmit if you are using SSB only the 20 amp will work but if you do digital (CW,RTTY ect) Get a 25amp PS.
And the Molex is the same for all kenwood 12V HF Rigs except the TS-480. Enjoy the 850 Great Rigs.
Roland AH6RR

--- In TS-850_450_690@yahoogroups.com, Norm Klieman <k9nk@...> wrote:
>
> Hi - I have an TS-850S and had two power related questions.
>
> 1. Is the molex power plug from the TS-450s the same as the TS-850?
>
> 2. Is a 13.8 volt 20 amp supply ok to use to do you need a high rating on the amperage for the TS -850S?
>
> Thanks for the help.
>
> 73's -- Norm K9NK
>
>
>
> [Non-text portions of this message have been removed]
>

7778. TS850 - Display power on

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-04-05 21:38:15 UTC
From: bzkroby
Topic: 7778 Message: 7778

Hi all, another question. I have done all the modify concerning the display (replacing C18, measure the continuity of 8V power line etc.)
but the problem still remain. Ater more than one day of radio stop at the first power on the display remain unpowered,not all day, (black). At the second of third push on the display retourn to operate correctly. They are solutions or it is normal?
Thanks for any answer.
Roby, I3BZK

7779. Re: Power Connector Questions

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-04-05 23:52:00 UTC
From: Dan Janda
Topic: 7775 Message: 7779

Gentlemen, if I recall correctly, the connector is not quite a Molex -- similar, but a bit different somehow. You want to ensure the pins engage firmly at the currents involved. One size of Molex pins or sockets does not fit tight, as I recall. No reason not to squeeze them a bit to ensure they are tight if there's any doubt as to their fit.

Dan AA3LS

--- In TS-850_450_690@yahoogroups.com, "Roland Spoon" <Toesonnose@...> wrote:
>
> Aloha Norm,
> The 850 draws 21 amps in transmit if you are using SSB only the 20 amp will work but if you do digital (CW,RTTY ect) Get a 25amp PS.
> And the Molex is the same for all kenwood 12V HF Rigs except the TS-480. Enjoy the 850 Great Rigs.
> Roland AH6RR
>
>
> --- In TS-850_450_690@yahoogroups.com, Norm Klieman <k9nk@> wrote:
> >
> > Hi - I have an TS-850S and had two power related questions.
> >
> > 1. Is the molex power plug from the TS-450s the same as the TS-850?
> >
> > 2. Is a 13.8 volt 20 amp supply ok to use to do you need a high rating on the amperage for the TS -850S?
> >
> > Thanks for the help.
> >
> > 73's -- Norm K9NK
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>

7780. Re: TS850 - Display power on

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-04-06 09:40:24 UTC
From: mm3cbo
Topic: 7778 Message: 7780

--- In TS-850_450_690@yahoogroups.com, "bzkroby" <bzkroby@...> wrote:
>
> Hi all, another question. I have done all the modify concerning the display (replacing C18, measure the continuity of 8V power line etc.)
> but the problem still remain. Ater more than one day of radio stop at the first power on the display remain unpowered,not all day, (black). At the second of third push on the display retourn to operate correctly. They are solutions or it is normal?
> Thanks for any answer.
> Roby, I3BZK
>
Try replacing C7 and C8 also

7781. Re: Power Connector Questions

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-04-06 17:04:19 UTC
From: n4umj
Topic: 7775 Message: 7781

I have found when buying a non-OEM power connectors (MOLEX brand?)that the sockets are about 7 thousandths of an inch too large and will not make a solid contact with the original Kenwood ICOM power pins.

I bought a non OEM conector at a Hamfest and another one off ebay and so far no luck yet on getting one with the proper fit. They intermittently make contact and are too large(sockets).

Someone else on another related yahoo board said the ICOM Kenwoods connector was a metric size / fit and that may be the case.

I have swapped OEM Power cables between a TS-850, TS-450, 756PROIII and a 746PRO and never had a problem so I tend to think those socket/pin sizes are the same with those OEM power cables and radios.

As for the fusing amperage I never examined the sizes and you may want to be sure of that. I mainly do listening here with my rigs and am tied up on the work bench most of the time!

I saw the sockets available from the company that makes powerpoles and was wondering if it is the proper size? It might be since it's from a reputable source.

Ed
N4UMJ

--- In TS-850_450_690@yahoogroups.com, "Dan Janda" <birchardvilleobservatory@...> wrote:
>
> Gentlemen, if I recall correctly, the connector is not quite a Molex -- similar, but a bit different somehow. You want to ensure the pins engage firmly at the currents involved. One size of Molex pins or sockets does not fit tight, as I recall. No reason not to squeeze them a bit to ensure they are tight if there's any doubt as to their fit.
>
> Dan AA3LS
>
> --- In TS-850_450_690@...m, "Roland Spoon" <Toesonnose@> wrote:
> >
> > Aloha Norm,
> > The 850 draws 21 amps in transmit if you are using SSB only the 20 amp will work but if you do digital (CW,RTTY ect) Get a 25amp PS.
> > And the Molex is the same for all kenwood 12V HF Rigs except the TS-480. Enjoy the 850 Great Rigs.
> > Roland AH6RR
> >
> >
> > --- In TS-850_450_690@yahoogroups.com, Norm Klieman <k9nk@> wrote:
> > >
> > > Hi - I have an TS-850S and had two power related questions.
> > >

> > > 1. Is the molex power plug from the TS-450s the same as the TS-850?
> > >
> > > 2. Is a 13.8 volt 20 amp supply ok to use to do you need a high rating on the amperage for the TS -850S?
> > >
> > > Thanks for the help.
> > >
> > > 73's -- Norm K9NK
> > >
> > >
> > >
> > > [Non-text portions of this message have been removed]
> > >
> >
>

7782. Inrad Roofing Filter Kit for the TS-850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-04-06 17:19:46 UTC
From: Roland Spoon
Topic: 7782 Message: 7782

I was looking at the Inrad web page yesterday and saw that they have in development a Roofing Filter Kit for the 850 that is being tested.
"Our new TS-850 Roofing Filter Mod is currently in field test. We will make an announcement when it goes into production. (Feb 20, 2009) " This is great News for us 850 owners I cant wait for it to come into production I have been wanting to experiment with the 950 roofing kit for a year or so but now with this news I'll wait a while longer. Lets hope it comes out soon.

Roland AH6RR

7783. Power Supply for the TS-850SAT

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-04-06 19:50:02 UTC
From: parkjv1@comcast.net
Topic: 7782 Message: 7783

I just received my TS-850SAT today.

I need a power supply for it.

I do have a mint condition PS-53 from my TS-450SAT. It's rated at 13vdc, 22amps. The PS-52 for the TS-850SAT is rated at 12vdc, 20 amps.

Can I get away with just using the PS-52?

73,

John KD7KFT

[Non-text portions of this message have been removed]

7784. I'm going to sell my mint condition TS-450SAT

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-04-06 19:55:24 UTC
From: parkjv1@comcast.net
Topic: 7782 Message: 7784

If I can use the PS-53 then I won't sell that with it. But it does come with a new SP-23? Sorry, I'm at work and don't remember. It comes with two filters, SSB and CW.

I have all of the original boxes, paperwork. I'm the 3rd owner and I haven't used it. I don't have an antenna yet.

It has been used lovingly in the past and shows pride of ownership and doesn't have a scratch on it!!!

Looks like it was manufactured yesterday.

I will consider all offers + shipping and will take pics and have them available for those interested.

I take paypal but will accept a check if paypal doesn't work for you.

73,

John KD7KFT

[Non-text portions of this message have been removed]

7785. Re: [TS-850_450_690] Power Supply for the TS-850SAT

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-04-06 19:58:59 UTC
From: Dave Gmail
Topic: 7782 Message: 7785

ps 53 and 52 ar virtually the same, different colors to match there model of radio

use either available

----- Original Message -----
From: parkjv1@...
To: TS-850 450 690
Sent: Monday, April 06, 2009 3:50 PM
Subject: [TS-850_450_690] Power Supply for the TS-850SAT

I just received my TS-850SAT today.

I need a power supply for it.

I do have a mint condition PS-53 from my TS-450SAT. It's rated at 13vdc, 22amps. The PS-52 for the TS-850SAT is rated at 12vdc, 20 amps.

Can I get away with just using the PS-52?

73,

John KD7KFT

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

7786. Re: Power Supply for the TS-850SAT

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-04-06 21:20:58 UTC
From: Dennis
Topic: 7782 Message: 7786

I believe the PS-52 is rated at 22.5 amps at 13.8 volts. W8YS

- -

--- In TS-850_450_690@yahoogroups.com, parkjv1@... wrote:
>
>
>
> I just received my TS-850SAT today.
>
>
>
> I need a power supply for it.
>
>
>
> I do have a mint condition PS-53 from my TS-450SAT.Â It's rated at 13vdc, 22amps.Â The PS-52 for the TS-850SAT is rated at 12vdc, 20 amps.
>
>
>
> Can I get away with just using the PS-52?Â
>
>
>
> 73,
>
>
>
> John KD7KFT
>
> [Non-text portions of this message have been removed]
>

7787. Re: YM6631

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-04-06 21:52:37 UTC
From: kremper4-850@yahoo.com
Topic: 7787 Message: 7787

Hi Vojtech,

Unfortunately, the listing at that Web site regarding the availability of the YM6631 is incorrect. The YM6631 and YM66312 are no longer available from Kenwood, either. The manufacturer that supplied those ICs for Kenwood has discontinued production. There had been some traffic in this Yahoo group regarding the unavailability of these ICs, but on your behalf, I decided to check.

I had verified the bad news by calling the PartStore.com and asking about the ICs. The representative assured me that their Web site is up to date and that the part (listed at about $46 each) would usually ship in 4 - 6 business days as stated. He suggested I phone Kenwood if I had any doubt about the part's availability and gave me a telephone number, which I verified by repeating it to him. The phone number he gave me is incorrect.

I then phoned Kenwood using the number provided at their Web site: (310) 639-4200. The representative told me those parts are no longer available.

73,

Paul / N1FB

--- On Mon, 4/6/09, Vojtech Klusacek, (Ing. , Ph.D.) <ok1vaw@...> wrote:

From: Vojtech Klusacek, (Ing. , Ph.D.) <ok1vaw@...>
Subject: YM6631
To: kremper4-850@yahoo.com, n1fb@...
Date: Monday, April 6, 2009, 2:56 AM

Hello Paul,
I am reacting to your yahoo message, thanks for your compliment to my 2m amp
HI!

Concerning the company, who offers the ym's, it is:
http://www.partstore.com/Part/Kenwood/Kenwood/YM6631.aspx
Unfortunately they seem to be shipping only to USA, so I will be very
gratefull, if you decide to order there for you, to buy one for me and then
resend it by USPS to Czech Republic. I can pay you in advice (as it is done on
ebay) by my Paypal account. The postage by normal USPS is acceptable for such a
small thing, but most companies offers Fedex or DHL with sending cost about
60USD and this I find not to pay off.
I could not do more investigation from overseas, but this source (although a
little bit more expensive than the 28USD by others about half year ago) seems to
be the most serious from the others I found.
Please let me know, what is your opinion,
Regards,
Vojtech, OK1VAW.
In the attachment you have my correspondence with them.

[Non-text portions of this message have been removed]

7788. Interesting fuse experience with TS-850SAT

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-04-07 00:33:17 UTC
From: Scott
Topic: 7788 Message: 7788

I've had a 2nd-hand TS-850SAT for about 15 years now. It always maxed out at around 75W or so, and I just figured the guy I got it from had turned the max output down a bit for longevity. Since I generally only used it to drive a 3-1000Z amp I only needed about 50W anyway, so never really paid much worry to it.

Today I needed to do some two-tone testing on a device at +20dBm, and the best combination of gear I had was the '850 and a 30dB/300W attenuator. I figured I'd be about 1.5dB short (since I had only ever seen 75W out), but close enough. Hooked it all up and was monitoring the output on a spectrum analyzer while adjusting the audio levels on the two-tone generator, when suddenly...rig is off!

Went to the Rigrunner panel and nothing wrong there. I remembered that the DC cable from the Rigrunner to the '850 had inline SFE20 fuses, so felt behind the bench and one of the fuseholders was quite warm...odd. So I pulled the cord and replaced the fuse, and looked at the blown one. It had blown in an odd way; not in the middle, but way down at one end, right at the edge of the metal cap. It was hard to see the break with certainly but but the element was oddly bent in the glass and clearly out of whack.

Crossed my fingers and turned the '850 back on...success...and now! I get the full 100W output.

So that fuse was probably always just marginal enough to maintain continuity at 50W, and the short-duration testing I'd occasionally do to verify that 75W was really as good as it could do wasn't enough to shake it up either...but put enough of a voltage drop in the DC line that I could never make the 100W. It took a sustained (1 min+) full-output run to "blow out the cobwebs".
Who'd a-thunk?

7789. Re: Interesting fuse experience with TS-850SAT

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-04-07 01:54:48 UTC
From: Roland Spoon
Topic: 7788 Message: 7789

Scott,
I just recently had the same thing to mine not just one fuse but both over a 2week time frame. I have been doing the TPA on LoTW so it's RTTY,CW and SSB. Only I do run 100W but only 70W into the amp. I came to belive it was caused by using a 20A power supply not a 25+ amp supply. I had bought a Astron 20A supply and took my 35amp supply out of line to use the astron. The first fuse blew in mid QSO using RTTY and 1 week later the second one went during a PSK QSO. I looked in the manual and saw that it should be a 25A fuse not a 20A so I swtiched back to the 35A supply and replaced the 20A fuses with 25A one and have not had a problem since. On exam the fuses where over heating enough to soften the soldier and have it detach from one end but not blow. So if you are using a 20A supply that might be where the problem lies. The 850 Needs at least 22.5 amps on transmit.

73
Roland AH6RR

--- In TS-850_450_690@yahoogroups.com, "Scott" <nx7u@...> wrote:
>
> I've had a 2nd-hand TS-850SAT for about 15 years now. It always maxed out at around 75W or so, and I just figured the guy I got it from had turned the max output down a bit for longevity. Since I generally only used it to drive a 3-1000Z amp I only needed about 50W anyway, so never really paid much worry to it.
>
> Today I needed to do some two-tone testing on a device at +20dBm, and the best combination of gear I had was the '850 and a 30dB/300W attenuator. I figured I'd be about 1.5dB short (since I had only ever seen 75W out), but close enough. Hooked it all up and was monitoring the output on a spectrum analyzer while adjusting the audio levels on the two-tone generator, when suddenly...rig is off!
>
> Went to the Rigrunner panel and nothing wrong there. I remembered that the DC cable from the Rigrunner to the '850 had inline SFE20 fuses, so felt behind the bench and one of the fuseholders was quite warm...odd. So I pulled the cord and replaced the fuse, and looked at the blown one. It had blown in an odd way; not in the middle, but way down at one end, right at the edge of the metal cap. It was hard to see the break with certainly but but the element was oddly bent in the glass and clearly out of whack.
>
> Crossed my fingers and turned the '850 back on...success...and now! I get the full 100W output.
>
> So that fuse was probably always just marginal enough to maintain continuity at 50W, and the short-duration testing I'd occasionally do to verify that 75W was really as good as it could do wasn't enough to shake it up either...but put enough of a voltage drop in the DC line that I could never make the 100W. It took a sustained (1 min+) full-output run to "blow out the cobwebs".
> Who'd a-thunk?
>

7790. Re: [TS-850_450_690] Re: Interesting fuse experience with TS-850SAT

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-04-07 01:57:45 UTC
From: Crownhaven
Topic: 7788 Message: 7790

I have found Rig Runner products play havoc with the output on my
various rigs that are sensitive to voltage fluctuations. I haven't
quite figured it out yet though.

Roland Spoon wrote:
>
> Scott,
> I just recently had the same thing to mine not just one fuse but both
> over a 2week time frame. I have been doing the TPA on LoTW so it's
> RTTY,CW and SSB. Only I do run 100W but only 70W into the amp. I came
> to belive it was caused by using a 20A power supply not a 25+ amp
> supply. I had bought a Astron 20A supply and took my 35amp supply out
> of line to use the astron. The first fuse blew in mid QSO using RTTY
> and 1 week later the second one went during a PSK QSO. I looked in the
> manual and saw that it should be a 25A fuse not a 20A so I swtiched
> back to the 35A supply and replaced the 20A fuses with 25A one and
> have not had a problem since. On exam the fuses where over heating
> enough to soften the soldier and have it detach from one end but not
> blow. So if you are using a 20A supply that might be where the problem
> lies. The 850 Needs at least 22.5 amps on transmit.
>
> 73
> Roland AH6RR
>
> --- In TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>, "Scott" <nx7u@...> wrote:
> >
> > I've had a 2nd-hand TS-850SAT for about 15 years now. It always
> maxed out at around 75W or so, and I just figured the guy I got it
> from had turned the max output down a bit for longevity. Since I
> generally only used it to drive a 3-1000Z amp I only needed about 50W
> anyway, so never really paid much worry to it.
> >
> > Today I needed to do some two-tone testing on a device at +20dBm,
> and the best combination of gear I had was the '850 and a 30dB/300W
> attenuator. I figured I'd be about 1.5dB short (since I had only ever
> seen 75W out), but close enough. Hooked it all up and was monitoring
> the output on a spectrum analyzer while adjusting the audio levels on
> the two-tone generator, when suddenly...rig is off!
> >
> > Went to the Rigrunner panel and nothing wrong there. I remembered
> that the DC cable from the Rigrunner to the '850 had inline SFE20
> fuses, so felt behind the bench and one of the fuseholders was quite
> warm...odd. So I pulled the cord and replaced the fuse, and looked at
> the blown one. It had blown in an odd way; not in the middle, but way

> down at one end, right at the edge of the metal cap. It was hard to
> see the break with certainly but but the element was oddly bent in the
> glass and clearly out of whack.
> >
> > Crossed my fingers and turned the '850 back on...success...and now!
> I get the full 100W output.
> >
> > So that fuse was probably always just marginal enough to maintain
> continuity at 50W, and the short-duration testing I'd occasionally do
> to verify that 75W was really as good as it could do wasn't enough to
> shake it up either...but put enough of a voltage drop in the DC line
> that I could never make the 100W. It took a sustained (1 min+)
> full-output run to "blow out the cobwebs".
> > Who'd a-thunk?
> >
>
>

7791. Re: [TS-850_450_690] Inrad Roofing Filter Kit for the TS-850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-04-07 05:55:43 UTC
From: Steve Gehring
Topic: 7782 Message: 7791

Agreed. I was asked to be a field test person, but time and
out-of-state telecom job commitments prevented that.

Let's hope they come up with a winning design. Such a filter will
breath new life into an already GREAT receiver.

Steven, NL7W

Roland Spoon wrote:
>
> I was looking at the Inrad web page yesterday and saw that they have
> in development a Roofing Filter Kit for the 850 that is being tested.
> "Our new TS-850 Roofing Filter Mod is currently in field test. We will
> make an announcement when it goes into production. (Feb 20, 2009) "
> This is great News for us 850 owners I cant wait for it to come into
> production I have been wanting to experiment with the 950 roofing kit
> for a year or so but now with this news I'll wait a while longer. Lets
> hope it comes out soon.
>
> Roland AH6RR
>
>
> ---
>
>
> No virus found in this incoming message.
> Checked by AVG - www.avg.com
> Version: 8.0.238 / Virus Database: 270.11.42/2042 - Release Date: 04/05/09 10:54:00
>
>

7792. I uploaded a few pics of the TS-450SAT that I'm selling here

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-04-08 13:55:43 UTC
From: John Parker
Topic: 7792 Message: 7792

http://www.myhamshack.com/KD7KFT/

If you scroll down to the bottom of the page and then click on the right arrow in the pictures section, the last three are of the 450sat.

73,

John KD7KFT

[Non-text portions of this message have been removed]

7793. Mint TS-459SAT is sold

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-04-09 13:11:31 UTC
From: John Parker
Topic: 7793 Message: 7793

[Non-text portions of this message have been removed]

7794. Just purchased John's TS450

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-04-10 11:13:05 UTC
From: John
Topic: 7794 Message: 7794

And joined the group here.One accessory that I'd like to get some recommendations on is a desk mike.The obvious selections run from the MC50,60,60A,85,and 90.Is one of these better suited to this radio? Anything else out there that plays nicely with this rig?

7795. Re: Just purchased John's TS450

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-04-10 13:22:52 UTC
From: ik8vze
Topic: 7794 Message: 7795

I use both the 60-mc and mc-90, are all good patterns that you've written, are as different microphone capsules, you can also use sound heil hc hc-4-5 capsule depends on your traffic radio hello greetings

--- In TS-850_450_690@yahoogroups.com, "John" <n1xlg@...> wrote:
>
> And joined the group here.One accessory that I'd like to get some recommendations on is a desk mike.The obvious selections run from the MC50,60,60A,85,and 90.Is one of these better suited to this radio? Anything else out there that plays nicely with this rig?
>

7796. Re: [TS-850_450_690] Just purchased John's TS450

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-04-10 13:16:21 UTC
From: Kurt Cathcart
Topic: 7794 Message: 7796

I typically us a Shure SM-58 mounted on a desk stand with a foot switch. It's very convenient to use like this as it frees up my hands for typing on the computer and writing in the log book, etc.... However I have a D-104 mike with a Heil HC-5 element in it that gets rave reports from people without even asking for an audio check.

----- Original Message -----
From: John
To: TS-850_450_690@yahoogroups.com
Sent: Friday, April 10, 2009 7:13 AM
Subject: [TS-850_450_690] Just purchased John's TS450

And joined the group here.One accessory that I'd like to get some recommendations on is a desk mike.The obvious selections run from the MC50,60,60A,85,and 90.Is one of these better suited to this radio? Anything else out there that plays nicely with this rig?

[Non-text portions of this message have been removed]

7797. Re: [TS-850_450_690] Just purchased John's TS450

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-04-10 16:59:19 UTC
From: Paul Vollmer
Topic: 7794 Message: 7797

Mc-60a is the best match.73 Paul

--- On Fri, 4/10/09, John <n1xlg@yahoo.com> wrote:

From: John <n1xlg@...>
Subject: [TS-850_450_690] Just purchased John's TS450
To: TS-850_450_690@yahoogroups.com
Date: Friday, April 10, 2009, 11:13 AM

And joined the group here.One accessory that I'd like to get some recommendations on is a desk mike.The obvious selections run from the MC50,60,60A,85,and 90.Is one of these better suited to this radio? Anything else out there that plays nicely with this rig?

THANKS FOR USING TS-850_450_690@...ahoo! Groups Links

[Non-text portions of this message have been removed]

7798. Re: [TS-850_450_690] which microphone

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-04-10 20:21:38 UTC
From: Dave Gmail
Topic: 7798 Message: 7798

check the users manual for kenwood suggestions, they should show you which is best. aftermarket types are a "your choice" for feel and performance...

----- Original Message -----
From: Paul Vollmer
To: TS-850_450_690@yahoogroups.com
Sent: Friday, April 10, 2009 12:59 PM
Subject: Re: [TS-850_450_690] Just purchased John's TS450

Mc-60a is the best match.73 Paul

--- On Fri, 4/10/09, John <n1xlg@...> wrote:

From: John <n1xlg@...>
Subject: [TS-850_450_690] Just purchased John's TS450
To: TS-850_450_690@yahoogroups.com
Date: Friday, April 10, 2009, 11:13 AM

And joined the group here.One accessory that I'd like to get some recommendations on is a desk mike.The obvious selections run from the MC50,60,60A,85,and 90.Is one of these better suited to this radio? Anything else out there that plays nicely with this rig?

THANKS FOR USING TS-850_450_690@...! Groups Links

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

7799. Re: [TS-850_450_690] Just purchased John's TS450

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-04-10 22:41:23 UTC
From: Kevin Nathan
Topic: 7794 Message: 7799

I use the Heil Gold Line with the all purpose HC5 element. I either set the Gold line on the wide range element and then kick in the high boost on my 850 or the HC5 element with no pre emphasis at all.

Good luck and very 73.

Kevin :)
Amateur Radio: K7RX
----- Original Message -----
From: Paul Vollmer
To: TS-850_450_690@yahoogroups.com
Sent: Friday, April 10, 2009 9:59 AM
Subject: Re: [TS-850_450_690] Just purchased John's TS450

Mc-60a is the best match.73 Paul

--- On Fri, 4/10/09, John <n1xlg@...> wrote:

From: John <n1xlg@...>
Subject: [TS-850_450_690] Just purchased John's TS450
To: TS-850_450_690@yahoogroups.com
Date: Friday, April 10, 2009, 11:13 AM

And joined the group here.One accessory that I'd like to get some recommendations on is a desk mike.The obvious selections run from the MC50,60,60A,85,and 90.Is one of these better suited to this radio? Anything else out there that plays nicely with this rig?

THANKS FOR USING TS-850_450_690@...! Groups Links

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

7800. DRU-2 and Inrad filters

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-04-11 16:29:02 UTC
From: kb1kox
Topic: 7800 Message: 7800

I just "gave" one of my TS-850's to a local ham so he could get on the air, but took all accessories out first.
Not sure if anyone in the group is interested,but these Items
are listed for auction on Ebay.

Kenwood DRU-2, auction # 120402470701
Inrad # 96 2.1kHz,455kHz IF, # 120402474657
Inrad # 94 2.1kHz,8830kHz IF, # 120402476196
Kenwoos YK-88SN 1.8kHz, 8830kHz IF, # 120402479002

Filters are less than a yr old, and the DRU-2 is fully functional.
Thanks for looking
73
Neil
AE1P

7801. ym 6631 chips

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-04-12 00:15:50 UTC
From: n5iz
Topic: 7801 Message: 7801

hi to all im new here..question...if the radio has the ym 66312 chip in it is it the new one..what i mean will i be ok...

73 ray n5iz

7802. Re: Just purchased John's TS450

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-04-12 00:15:11 UTC
From: frankk2ncc
Topic: 7794 Message: 7802

Astatic D-104 with TUG-9 amp.

f, k2ncc

7803. RE: [TS-850_450_690] ym 6631 chips

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-04-12 01:09:36 UTC
From: John Parker
Topic: 7801 Message: 7803

You'll be fine with those. That's what I have in mine. But, I think there
some users who have the older chips and haven't experienced any issues.

73,

John KD7KFT

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of n5iz
Sent: Saturday, April 11, 2009 5:16 PM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] ym 6631 chips

hi to all im new here..question...if the radio has the ym 66312 chip in it
is it the new one..what i mean will i be ok...

73 ray n5iz

[Non-text portions of this message have been removed]

7804. RE: [TS-850_450_690] ym 6631 chips

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-04-12 15:21:43 UTC
From: kremper4-850@yahoo.com
Topic: 7801 Message: 7804

Ray,

My older TS-850SAT (S/N 2M) has the YM6631 DDS ICs in it and it runs fine; the younger rig (S/N 7M) is equipped with the 66312 ICs and it's fine, too.

You *do* want to ensure that the original ten (10) electrolytic bypass capacitors on the CAR Unit board (the board with the YM66xxx DDS ICs) are not leaking. Personally, I recommend that if they are the original capacitors, that they be replaced -- I suspect DDS IC failure is related to the capacitor failure. Clif Holland of AVVid can do the capacitor replacement. There's no need to send the entire transceiver to Clif. Remove the CAR Unit board from the rig *without* removing the PC board from its metal mounting platform, place the assembly in an antistatic bag, put the bag in a shipping carton with a good amount of bubble wrap and insure the package for at least $200.

I suggest you contact Clif before mailing the board. Also, be sure to label the connectors you disconnect from the CAR Unit so you'll feel comfortable about reconnection; that's pretty obvious, though.

73,

Paul / N1FB

--- On Sat, 4/11/09, John Parker <parkjv1@...> wrote:

From: John Parker <parkjv1@...>
Subject: RE: [TS-850_450_690] ym 6631 chips
To: TS-850_450_690@yahoogroups.com
Date: Saturday, April 11, 2009, 9:09 PM

You'll be fine with those. That's what I have in mine. But, I think there
some users who have the older chips and haven't experienced any issues.

73,

John KD7KFT

From: TS-850_450_690@ yahoogroups. com [mailto:TS-850_450_690@ yahoogroups. com]
On Behalf Of n5iz
Sent: Saturday, April 11, 2009 5:16 PM
To: TS-850_450_690@ yahoogroups. com
Subject: [TS-850_450_ 690] ym 6631 chips

hi to all im new here..question. ..if the radio has the ym 66312 chip in it
is it the new one..what i mean will i be ok...

73 ray n5iz

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

7805. TS-850S Parts/Project Rig

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-04-12 20:36:45 UTC
From: kb5urq
Topic: 7805 Message: 7805

Hi Guys,I just posted a TS-850S on ebay
<http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=260392667982&ssPageN\
ame=ADME:L:LCA:US:1123> .This TS-850 is verified non-functional. The
transceiver has a bad I/O distribution IC on the CPU control unit. The
CAR unit works; I tested it in another 850, but the data going to it is
bad, so that all the DDS chips are either putting out no signal or dirty
signals. The radio is in good shape, cosmetically and has many useful
parts for other radios or could even be repaired. Thanks, Jason KB5URQ

[Non-text portions of this message have been removed]

7806. Re: [TS-850_450_690] Just purchased John's TS450

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-04-13 16:50:33 UTC
From: gt600020hp@yahoo.com
Topic: 7794 Message: 7806

Hi Kurt, is that D-104 with the amplified base or with out, and did
you have to perform any mods to the D-104 to make the Heil
HC-5 element work or to the TS-850? N0KDS Mike

--- On Fri, 4/10/09, Kurt Cathcart <kurt@kuhlroad.net> wrote:

From: Kurt Cathcart <kurt@...>
Subject: Re: [TS-850_450_690] Just purchased John's TS450
To: TS-850_450_690@...m
Date: Friday, April 10, 2009, 8:16 AM

I typically us a Shure SM-58 mounted on a desk stand with a foot switch. It's very convenient to use like this as it frees up my hands for typing on the computer and writing in the log book, etc.... However I have a D-104 mike with a Heil HC-5 element in it that gets rave reports from people without even asking for an audio check.

----- Original Message -----

From: John

To: TS-850_450_690@ yahoogroups. com

Sent: Friday, April 10, 2009 7:13 AM

Subject: [TS-850_450_ 690] Just purchased John's TS450

And joined the group here.One accessory that I'd like to get some recommendations on is a desk mike.The obvious selections run from the MC50,60,60A, 85,and 90.Is one of these better suited to this radio? Anything else out there that plays nicely with this rig?

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

7807. Inrad roofing filter Mod

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-04-15 21:39:06 UTC
From: kb1kox
Topic: 7807 Message: 7807

Has anyone done the Roofing filter Mod from Inrad yet?

Interested to hear any reviews.....
Thanks

73
Neil
AE1P

7808. Re: [TS-850_450_690] Inrad roofing filter Mod

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-04-15 21:58:45 UTC
From: Crownhaven
Topic: 7807 Message: 7808

Web page says they started shipping the roofing filter for the TS-850S
on 4/7/2009. Also says no roofing filter will be produced for TS-450/690.

Steve, N4JQQ

kb1kox wrote:
>
>
> Has anyone done the Roofing filter Mod from Inrad yet?
>
> Interested to hear any reviews.....
> Thanks
>
> 73
> Neil
> AE1P
>
>

7809. Re: Inrad roofing filter Mod

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-04-16 00:07:47 UTC
From: Roland Spoon
Topic: 7807 Message: 7809

I ordered mine on Monday will keep the groupe informed as how it goes.

Roland AH6RR

--- In TS-850_450_690@yahoogroups.com, "kb1kox" <ngoodl1@...> wrote:
>
> Has anyone done the Roofing filter Mod from Inrad yet?
>
> Interested to hear any reviews.....
> Thanks
>
> 73
> Neil
> AE1P
>

7810. Re: [TS-850_450_690] Re: Inrad roofing filter Mod

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-04-16 00:58:03 UTC
From: Crownhaven
Topic: 7807 Message: 7810

Thank you Roland. Anxiously awaiting a report......

Steve, N4JQQ

Roland Spoon wrote:
>
>
> I ordered mine on Monday will keep the groupe informed as how it goes.
>
> Roland AH6RR
>
> --- In TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>, "kb1kox" <ngoodl1@...> wrote:
> >
> > Has anyone done the Roofing filter Mod from Inrad yet?
> >
> > Interested to hear any reviews.....
> > Thanks
> >
> > 73
> > Neil
> > AE1P
> >
>
>

7811. Re: Inrad roofing filter Mod

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-04-16 02:28:33 UTC
From: kb1kox
Topic: 7807 Message: 7811

Again, A thanks from NH too, Roland,
and also anxiously awaiting a report!!

73
Neil
AE1P

--- In TS-850_450_690@yahoogroups.com, Crownhaven <crownhaven@...> wrote:
>
> Thank you Roland. Anxiously awaiting a report......
>
> Steve, N4JQQ
>
> Roland Spoon wrote:
> >
> >
> > I ordered mine on Monday will keep the groupe informed as how it goes.
> >
> > Roland AH6RR
> >
> > --- In TS-850_450_690@yahoogroups.com
> > <mailto:TS-850_450_690%40yahoogroups.com>, "kb1kox" <ngoodl1@> wrote:
> > >
> > > Has anyone done the Roofing filter Mod from Inrad yet?
> > >
> > > Interested to hear any reviews.....
> > > Thanks
> > >
> > > 73
> > > Neil
> > > AE1P
> > >
> >
> >
> >
>

7812. Re: [TS-850_450_690] Re: Inrad roofing filter Mod

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-04-16 09:03:34 UTC
From: Steve Gehring
Topic: 7807 Message: 7812

Also waiting...

kb1kox wrote:
>
>
> Again, A thanks from NH too, Roland,
> and also anxiously awaiting a report!!
>
> 73
> Neil
> AE1P
>
> --- In TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>, Crownhaven <crownhaven@...>
> wrote:
> >
> > Thank you Roland. Anxiously awaiting a report......
> >
> > Steve, N4JQQ
> >
> > Roland Spoon wrote:
> > >
> > >
> > > I ordered mine on Monday will keep the groupe informed as how it goes.
> > >
> > > Roland AH6RR
> > >
> > > --- In TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>
> > > <mailto:TS-850_450_690%40yahoogroups.com>, "kb1kox" <ngoodl1@> wrote:
> > > >
> > > > Has anyone done the Roofing filter Mod from Inrad yet?
> > > >
> > > > Interested to hear any reviews.....
> > > > Thanks
> > > >
> > > > 73
> > > > Neil
> > > > AE1P
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> ---
>
>
> No virus found in this incoming message.
> Checked by AVG - www.avg.com
> Version: 8.0.238 / Virus Database: 270.11.57/2059 - Release Date: 04/14/09 14:52:00
>
>

7813. Re: Inrad roofing filter Mod

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-04-17 05:31:47 UTC
From: Roland Spoon
Topic: 7807 Message: 7813

Aloha ALl,

Got the TS-850 Roofing filter mod kit today(Super Service from Inrad)
Via USPS Priority Mail. Opened up the 850 and did the install via the directions supplied. Turned on the radio and the receiever was way down. WTF did I do wrong? everything was hooked up as per the instructions. Ok then I check for any shorts None found then I checked the voltage 7.8V at L92 not 12 hummmm. Took 12 volts off the acc power on the rear panel. Still no go HuMMMMM. after hooking up a signal gen. only S4 with 50mv signal, not good. Checked everything again all was as per instructions. I thought I had killed my babys ears. Then I swtiched the jumper coax's for the mod. Bingo it works like it should. and I can get 2.5khz from a S9+ signal and not even a stratch one. WOW I like this. So when you get the mod kit and find that your RX Sucks swtich the small coax's going to the mod board. I will call Inrad in the morning and tell then the hook-up on the jumpers are backward from the instructions. Now if someone would come up with a IF DSP Mod Look out K3. Is it worth the price? I will let everyone know after the next contest.

73 & Aloha
Roland AH6RR

--- In TS-850_450_690@yahoogroups.com, Steve Gehring <steveg@...> wrote:
>
> Also waiting...
>
> kb1kox wrote:
> >
> >
> > Again, A thanks from NH too, Roland,
> > and also anxiously awaiting a report!!
> >
> > 73
> > Neil
> > AE1P
> >
> > --- In TS-850_450_690@yahoogroups.com
> > <mailto:TS-850_450_690%40yahoogroups.com>, Crownhaven <crownhaven@>
> > wrote:
> > >
> > > Thank you Roland. Anxiously awaiting a report......
> > >
> > > Steve, N4JQQ
> > >
> > > Roland Spoon wrote:
> > > > >
> > > > >
> > > > I ordered mine on Monday will keep the groupe informed as how it goes.
> > > > >

> > > > Roland AH6RR
> > > >
> > > > --- In TS-850_450_690@yahoogroups.com
> > <mailto:TS-850_450_690%40yahoogroups.com>
> > > > <mailto:TS-850_450_690%40yahoogroups.com>, "kb1kox" <ngoodl1@> wrote:
> > > > > >
> > > > > > Has anyone done the Roofing filter Mod from Inrad yet?
> > > > > >
> > > > > > Interested to hear any reviews.....
> > > > > > Thanks
> > > > > >
> > > > > > 73
> > > > > > Neil
> > > > > > AE1P
> > > > > >
> > > > >
> > > > >
> > > >
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> > >
> > > ---
> > >
> > >
> > > No virus found in this incoming message.
> > > Checked by AVG - www.avg.com
> > > Version: 8.0.238 / Virus Database: 270.11.57/2059 - Release Date: 04/14/09 14:52:00
> > >
> > >
>

7814. Inrad Roofing filter Mod

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-04-17 17:58:01 UTC
From: Roland Spoon
Topic: 7814 Message: 7814

As in a earlier post I did the Roofing filter mod to the TS-850. After looking at Inrads On-line instructions they have corrected the install jumper positions on the On-Line instructions. So if you order this Mod use the ON-Line instructions jumper placement not the printed one that come with the kit. I have uploaded 2 photos to the photo section one of them is the Inrad corrected jumper connections and one I did off the service manual board layout. So far I like the mod very much it has been great to hear a weak signal 3khz away from a S9+ signal with no interference.

73
Roland AH6RR

7815. TS-450S/AT-Blank Frequency Display-Sends UL

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-04-17 18:07:43 UTC
From: w4jz
Topic: 7815 Message: 7815

My father-in-law's TS-450s/AT display frequency goes blank, but turning knob to change frequency the frequency comes back then goes blank and sends UL in Morse code.

I was wondering if anyone here has seen this before or know of a fix?

Thanks!
Reed W4JZ

7816. Re: [TS-850_450_690] Inrad Roofing filter Mod

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-04-17 18:08:47 UTC
From: Crownhaven
Topic: 7814 Message: 7816

Roland, how does the filter affect CW performance?????

Steve, N4JQQ

Roland Spoon wrote:
>
>
> As in a earlier post I did the Roofing filter mod to the TS-850. After
> looking at Inrads On-line instructions they have corrected the install
> jumper positions on the On-Line instructions. So if you order this Mod
> use the ON-Line instructions jumper placement not the printed one that
> come with the kit. I have uploaded 2 photos to the photo section one
> of them is the Inrad corrected jumper connections and one I did off
> the service manual board layout. So far I like the mod very much it
> has been great to hear a weak signal 3khz away from a S9+ signal with
> no interference.
>
> 73
> Roland AH6RR
>
>

7817. Re: Inrad Roofing filter Mod

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-04-17 19:43:36 UTC
From: Roland Spoon
Topic: 7814 Message: 7817

Hello Steve,
I have found no changes except you can hear a weak station 3Khz away from a S9 signal with no interference from the stronger station before the mod I would have to get 15khz away before the scratching went away. I do some CW work but I have no CW filters, the filters I do have are the Inrad 1.8 SSB in the 8.83 IF and the 2.1 SSB in the 455 IF. I was going to try some CW today but the Bands are lousy today. And if anyone has a Inrad 2.1 for the 8.83 IF who wants to trade for a 1.8 please contact me mine is about 1 year old.

73
Roland, AH6RR

--- In TS-850_450_690@yahoogroups.com, Crownhaven <crownhaven@...> wrote:
>
> Roland, how does the filter affect CW performance?????
>
> Steve, N4JQQ
>
> Roland Spoon wrote:
> >
> >
> > As in a earlier post I did the Roofing filter mod to the TS-850. After
> > looking at Inrads On-line instructions they have corrected the install
> > jumper positions on the On-Line instructions. So if you order this Mod
> > use the ON-Line instructions jumper placement not the printed one that
> > come with the kit. I have uploaded 2 photos to the photo section one
> > of them is the Inrad corrected jumper connections and one I did off
> > the service manual board layout. So far I like the mod very much it
> > has been great to hear a weak signal 3khz away from a S9+ signal with
> > no interference.
> >
> > 73
> > Roland AH6RR
> >
> >
>

7818. Re: [TS-850_450_690] Re: Inrad Roofing filter Mod

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-04-17 20:12:18 UTC
From: Crownhaven
Topic: 7814 Message: 7818

Sorry Roland, I have an INRAD 250 that I would like to trade for a 1.8
too though.

Roland Spoon wrote:
>
>
> Hello Steve,
> I have found no changes except you can hear a weak station 3Khz away
> from a S9 signal with no interference from the stronger station before
> the mod I would have to get 15khz away before the scratching went
> away. I do some CW work but I have no CW filters, the filters I do
> have are the Inrad 1.8 SSB in the 8.83 IF and the 2.1 SSB in the 455
> IF. I was going to try some CW today but the Bands are lousy today.
> And if anyone has a Inrad 2.1 for the 8.83 IF who wants to trade for a
> 1.8 please contact me mine is about 1 year old.
>
> 73
> Roland, AH6RR
>
> --- In TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>, Crownhaven <crownhaven@...>
> wrote:
> >
> > Roland, how does the filter affect CW performance?????
> >
> > Steve, N4JQQ
> >
> > Roland Spoon wrote:
> > >
> > >
> > > As in a earlier post I did the Roofing filter mod to the TS-850.
> After
> > > looking at Inrads On-line instructions they have corrected the
> install
> > > jumper positions on the On-Line instructions. So if you order this
> Mod
> > > use the ON-Line instructions jumper placement not the printed one
> that
> > > come with the kit. I have uploaded 2 photos to the photo section one
> > > of them is the Inrad corrected jumper connections and one I did off
> > > the service manual board layout. So far I like the mod very much it
> > > has been great to hear a weak signal 3khz away from a S9+ signal with
> > > no interference.
> > >
> > > 73

> > > Roland AH6RR
> > >
> > >
> >
>
>

7819. Re: [TS-850_450_690] TS-450S/AT-Blank Frequency Display-Sends UL

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-04-17 20:13:32 UTC
From: Dave wej
Topic: 7815 Message: 7819

I beleive the pll is UnLocked (UL), sorry cant help you fix it, but someone here should be able to

----- Original Message -----
From: w4jz
To: TS-850_450_690@yahoogroups.com
Sent: Friday, April 17, 2009 2:07 PM
Subject: [TS-850_450_690] TS-450S/AT-Blank Frequency Display-Sends UL

My father-in-law's TS-450s/AT display frequency goes blank, but turning knob to change frequency the frequency comes back then goes blank and sends UL in Morse code.

I was wondering if anyone here has seen this before or know of a fix?

Thanks!
Reed W4JZ

[Non-text portions of this message have been removed]

7820. Re: TS-450S/AT-Blank Frequency Display-Sends UL

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-04-18 19:11:56 UTC
From: w4jz
Topic: 7815 Message: 7820

Thanks Dave for the info!

Reed W4JZ

--- In TS-850_450_690@...m, "Dave wej" <ve3wej@...> wrote:
>
> I beleive the pll is UnLocked (UL), sorry cant help you fix it, but someone here should be able to
>
>
>
>
> ----- Original Message -----
> From: w4jz
> To: TS-850_450_690@yahoogroups.com
> Sent: Friday, April 17, 2009 2:07 PM
> Subject: [TS-850_450_690] TS-450S/AT-Blank Frequency Display-Sends UL
>
>
>
>
>
> My father-in-law's TS-450s/AT display frequency goes blank, but turning knob to change frequency the frequency comes back then goes blank and sends UL in Morse code.
>
> I was wondering if anyone here has seen this before or know of a fix?
>
> Thanks!
> Reed W4JZ
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

7821. Re: TS-450S/AT-Blank Frequency Display-Sends UL

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-04-19 20:00:04 UTC
From: Clif
Topic: 7815 Message: 7821

Most likely VCO-2. Do you have a service manual? If not try and scounge one up and check back.

Clif

--- In TS-850_450_690@yahoogroups.com, "w4jz" <w4jz@...> wrote:
>
> My father-in-law's TS-450s/AT display frequency goes blank, but turning knob to change frequency the frequency comes back then goes blank and sends UL in Morse code.
>
> I was wondering if anyone here has seen this before or know of a fix?
>
> Thanks!
> Reed W4JZ
>

7822. No TX on ts-850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-04-19 21:29:12 UTC
From: va3aso
Topic: 7822 Message: 7822

Hello,
I think I might have messed my rig. Last week, my receive dropped quite a bit, so I did some research and found there was a common issue with a diode that controls the tx-rx switching with can reduce the rx almost 20db. I changed the diode to an alternate one I had, and although it didn't help the receive, it still performed as normal. Then something happened. I may have shorted something while I was moving the unit around. Now I have little/no output on transmit. I know the mic preamp works as I can hear myself on another receiver but no wattage. Also, the auto tune light is constantly on and doesn't function. It only comes off if I disconnect it inside the radio. With the auto tune light on, I can't even key it up. Any idea where I should start looking for a problem? Thanks in advance...
Ron

7823. Re: TS-450S/AT-Blank Frequency Display-Sends UL

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-04-19 23:24:53 UTC
From: w4jz
Topic: 7815 Message: 7823

Thanks Clif, but I found the problem. CAR unit has a 8.375MHz crystal that was showing 45MHz on frequency meter. Never could adjust variable cap down that far so I sprayed crystal with Freez-It & radio came alive. Funny thing is rig has been on 4 hours & still working fine, but I went a head & ordered one from East Coast Transistor.

Sure am glad it is something I can replace! If it had been one of those ICs or other surface mount devices it would have to go to someone with much better eyes & steader hand!

Thanks again!
Reed W4JZ

--- In TS-850_450_690@yahoogroups.com, "Clif" <clif@...> wrote:
>
> Most likely VCO-2. Do you have a service manual? If not try and scounge one up and check back.
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "w4jz" <w4jz@> wrote:
> >
> > My father-in-law's TS-450s/AT display frequency goes blank, but turning knob to change frequency the frequency comes back then goes blank and sends UL in Morse code.
> >
> > I was wondering if anyone here has seen this before or know of a fix?
> >
> > Thanks!
> > Reed W4JZ
> >
>

7824. Re: No TX on ts-850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-04-20 00:23:41 UTC
From: Clif
Topic: 7822 Message: 7824

First what diode did you replace with a sub? If it's the one I think then it's in the TX path and probably opened up when you keyed it up. Therefore no tx power out. I don't know about the tuner, try a reset...

Clif

--- In TS-850_450_690@yahoogroups.com, "va3aso" <ronrinomato@...> wrote:
>
> Hello,
> I think I might have messed my rig. Last week, my receive dropped quite a bit, so I did some research and found there was a common issue with a diode that controls the tx-rx switching with can reduce the rx almost 20db. I changed the diode to an alternate one I had, and although it didn't help the receive, it still performed as normal. Then something happened. I may have shorted something while I was moving the unit around. Now I have little/no output on transmit. I know the mic preamp works as I can hear myself on another receiver but no wattage. Also, the auto tune light is constantly on and doesn't function. It only comes off if I disconnect it inside the radio. With the auto tune light on, I can't even key it up. Any idea where I should start looking for a problem? Thanks in advance...
> Ron
>

7825. Parts source for a MC54581P (relay driver for xmit filter board)?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-04-20 02:49:24 UTC
From: Rob Frohne
Topic: 7825 Message: 7825

Hi,

I was using the output of the relay driver (a M54581P) to select my antenna, and shorted it out accidentally. So I'm looking for a new M54581P. I guess if I can't find one somewhere, I will lift the leg and build my own transistor driver (only one of the eight drivers burned up). Anyone have any suggestions as to where to look. Google didn't provide me much on this other than a data sheet which is helpful, but not quite all I was really hoping for.

73,

Rob, KL7NA

--
Rob Frohne, Ph.D., P.E.
E.F. Cross School of Engineering
Walla Walla University
100 SW 4th Street
College Place, WA 99324
(509) 527-2075 http://people.walllawalla.edu/~rob.frohne

[Non-text portions of this message have been removed]

7826. Re: No TX on ts-850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-04-20 14:26:34 UTC
From: va3aso
Topic: 7822 Message: 7826

Hey Cliff,
It was D31 on the rf board. I replaced it with a 1N4148, kenwood service says to replace with a MI204. I will get that one today hopefully. But I can't figure this auto tune thing. I have done a reset and still no help. I bypassed the tuner completely and still no wattage out and no meter readings.... Anything else I can check?
Thanks,
Ron

--- In TS-850_450_690@yahoogroups.com, "Clif" <clif@...> wrote:
>
> First what diode did you replace with a sub? If it's the one I think then it's in the TX path and probably opened up when you keyed it up. Therefore no tx power out. I don't know about the tuner, try a reset...
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "va3aso" <ronrinomato@> wrote:
> >
> > Hello,
> > I think I might have messed my rig. Last week, my receive dropped quite a bit, so I did some research and found there was a common issue with a diode that controls the tx-rx switching with can reduce the rx almost 20db. I changed the diode to an alternate one I had, and although it didn't help the receive, it still performed as normal. Then something happened. I may have shorted something while I was moving the unit around. Now I have little/no output on transmit. I know the mic preamp works as I can hear myself on another receiver but no wattage. Also, the auto tune light is constantly on and doesn't function. It only comes off if I disconnect it inside the radio. With the auto tune light on, I can't even key it up. Any idea where I should start looking for a problem? Thanks in advance...
> > Ron
> >
>

7827. Re: Parts source for a MC54581P (relay driver for xmit filter board)?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-04-20 14:43:34 UTC
From: Clif
Topic: 7825 Message: 7827

Try Kenwood..

LB1745 is the replacement @ $7.81

Clif

--- In TS-850_450_690@yahoogroups.com, Rob Frohne <rob.frohne@...> wrote:
>
> Hi,
>
> I was using the output of the relay driver (a M54581P) to select my
> antenna, and shorted it out accidentally. So I'm looking for a new
> M54581P. I guess if I can't find one somewhere, I will lift the leg and
> build my own transistor driver (only one of the eight drivers burned
> up). Anyone have any suggestions as to where to look. Google didn't
> provide me much on this other than a data sheet which is helpful, but
> not quite all I was really hoping for.
>
> 73,
>
> Rob, KL7NA
>
> --
> Rob Frohne, Ph.D., P.E.
> E.F. Cross School of Engineering
> Walla Walla University
> 100 SW 4th Street
> College Place, WA 99324
> (509) 527-2075 http://people.walllawalla.edu/~rob.frohne
>
>
>
> [Non-text portions of this message have been removed]
>

7828. Re: No TX on ts-850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-04-20 14:46:18 UTC
From: Clif
Topic: 7822 Message: 7828

The 4148 can't handle the power going thru it and has opened up. The tuner WILL not work with no power out. Disconnect it and solve the power out issue and then start on the tuner.

Clif

--- In TS-850_450_690@yahoogroups.com, "va3aso" <ronrinomato@...> wrote:
>
> Hey Cliff,
> It was D31 on the rf board. I replaced it with a 1N4148, kenwood service says to replace with a MI204. I will get that one today hopefully. But I can't figure this auto tune thing. I have done a reset and still no help. I bypassed the tuner completely and still no wattage out and no meter readings.... Anything else I can check?
> Thanks,
> Ron
>
>
>
>
>
> --- In TS-850_450_690@yahoogroups.com, "Clif" <clif@> wrote:
> >
> > First what diode did you replace with a sub? If it's the one I think then it's in the TX path and probably opened up when you keyed it up. Therefore no tx power out. I don't know about the tuner, try a reset...
> >
> > Clif
> >
> > --- In TS-850_450_690@yahoogroups.com, "va3aso" <ronrinomato@> wrote:
> > >
> > > Hello,
> > > I think I might have messed my rig. Last week, my receive dropped quite a bit, so I did some research and found there was a common issue with a diode that controls the tx-rx switching with can reduce the rx almost 20db. I changed the diode to an alternate one I had, and although it didn't help the receive, it still performed as normal. Then something happened. I may have shorted something while I was moving the unit around. Now I have little/no output on transmit. I know the mic preamp works as I can hear myself on another receiver but no wattage. Also, the auto tune light is constantly on and doesn't function. It only comes off if I disconnect it inside the radio. With the auto tune light on, I can't even key it up. Any idea where I should start looking for a problem? Thanks in advance...
> > > Ron
> > >
> >
>

7829. Re: No TX on ts-850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-04-20 23:23:49 UTC
From: va3aso
Topic: 7822 Message: 7829

Hey Clif,
I checked the diode and it is fine. Maybe it is down the line somewhere. I am ready to give in soon and send it out.... How busy are ya Clif?
Thanks,
Ron

--- In TS-850_450_690@yahoogroups.com, "Clif" <clif@...> wrote:
>
> The 4148 can't handle the power going thru it and has opened up. The tuner WILL not work with no power out. Disconnect it and solve the power out issue and then start on the tuner.
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "va3aso" <ronrinomato@> wrote:
> >
> > Hey Cliff,
> > It was D31 on the rf board. I replaced it with a 1N4148, kenwood service says to replace with a MI204. I will get that one today hopefully. But I can't figure this auto tune thing. I have done a reset and still no help. I bypassed the tuner completely and still no wattage out and no meter readings.... Anything else I can check?
> > Thanks,
> > Ron
> >
> >
> >
> >
> >
> > --- In TS-850_450_690@yahoogroups.com, "Clif" <clif@> wrote:
> > >
> > > First what diode did you replace with a sub? If it's the one I think then it's in the TX path and probably opened up when you keyed it up. Therefore no tx power out. I don't know about the tuner, try a reset...
> > >
> > > Clif
> > >
>

7830. Re: [TS-850_450_690] Re: No TX on ts-850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-04-21 01:44:56 UTC
From: Dave wej
Topic: 7822 Message: 7830

not sure, but pin diode is NOT the same function as a rf signal diode. would this still not mean changing the diode to the correct type??

also is there not more than one pin diode???
maybe the other diode is bad as well?????

Dave Garber
VE3WEJ/VE3IE

----- Original Message -----
From: va3aso
To: TS-850_450_690@yahoogroups.com
Sent: Monday, April 20, 2009 7:23 PM
Subject: [TS-850_450_690] Re: No TX on ts-850

Hey Clif,
I checked the diode and it is fine. Maybe it is down the line somewhere. I am ready to give in soon and send it out.... How busy are ya Clif?
Thanks,
Ron

--- In TS-850_450_690@yahoogroups.com, "Clif" <clif@...> wrote:
>
> The 4148 can't handle the power going thru it and has opened up. The tuner WILL not work with no power out. Disconnect it and solve the power out issue and then start on the tuner.
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "va3aso" <ronrinomato@> wrote:
> >
> > Hey Cliff,
> > It was D31 on the rf board. I replaced it with a 1N4148, kenwood service says to replace with a MI204. I will get that one today hopefully. But I can't figure this auto tune thing. I have done a reset and still no help. I bypassed the tuner completely and still no wattage out and no meter readings.... Anything else I can check?
> > Thanks,
> > Ron
> >
> >
> >
> >
> >
> > --- In TS-850_450_690@yahoogroups.com, "Clif" <clif@> wrote:
> > >
> > > First what diode did you replace with a sub? If it's the one I think then it's in the TX path and probably opened up when you keyed it up. Therefore no tx power out. I don't

know about the tuner, try a reset...
> > >
> > > Clif
> > >
>

[Non-text portions of this message have been removed]

7831. 3 volt battery

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-04-21 03:40:47 UTC
From: james h edwards
Topic: 7831 Message: 7831

I have a 850 i`am replaceing the 3 v battery and RS don`t have the cr2032 battery holder << i wounder if there is a reason y i can`t use 2,,,,,, 1.5 aaa as the have a 2 cell holder for them i`am sure i can finf room for them in the 850.. thanks Harold n5tog

[Non-text portions of this message have been removed]

7832. Re: No TX on ts-850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-04-21 14:13:27 UTC
From: va3aso
Topic: 7822 Message: 7832

Hey Dave,
I'm going to have to order them from kenwood parts. Nobody up here has them (RLS-135) (MI204). I am going to check them all down the TX line. I hope I didn't poof the logic board regarding the ATU. I have it bypassed and it does transmit, but doesn't put out any wattage. Any other thoughts could be helpful.
Ron

--- In TS-850_450_690@yahoogroups.com, "Dave wej" <ve3wej@...> wrote:
>
> not sure, but pin diode is NOT the same function as a rf signal diode. would this still not mean changing the diode to the correct type??
>
> also is there not more than one pin diode???
> maybe the other diode is bad as well?????
>
> Dave Garber
> VE3WEJ/VE3IE
>
> ----- Original Message -----
> From: va3aso
> To: TS-850_450_690@yahoogroups.com
> Sent: Monday, April 20, 2009 7:23 PM
> Subject: [TS-850_450_690] Re: No TX on ts-850
>
>
>
>
>
> Hey Clif,
> I checked the diode and it is fine. Maybe it is down the line somewhere. I am ready to give in soon and send it out.... How busy are ya Clif?
> Thanks,
> Ron
>

7833. Re: 3 volt battery

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-04-21 14:34:50 UTC
From: Clif
Topic: 7831 Message: 7833

Let's see. You are going to replace a battery that needs replacement about every 15-20 years with 2 that need yearly replacement plus are prone to leak. Huh??? The stock type batteries are available as well as the holders if you feel the need for it, both via mail order.

Clif

--- In TS-850_450_690@yahoogroups.com, "james h edwards" <n5tog@...> wrote:
>
> I have a 850 i`am replaceing the 3 v battery and RS don`t have the cr2032 battery holder << i wounder if there is a reason y i can`t use 2,,,,,, 1.5 aaa as the have a 2 cell holder for them i`am sure i can finf room for them in the 850.. thanks Harold n5tog
>
> [Non-text portions of this message have been removed]
>

7834. Re: 3 volt battery

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-04-21 14:52:36 UTC
From: dsh_0403
Topic: 7831 Message: 7834

I ran into the same problem of not finding a CR-2032 holder so I put 2 AAs in a covered battery case and have no regrets. I figure alkaline batteries are probably good for at least two years and if by chance they should leak, they will leak inside the battery case so I am not very concerned. There is certainly less chance of damage to the radio now than with Kenwood's original design.

A differing point of view ;-).

--- In TS-850_450_690@yahoogroups.com, "Clif" <clif@...> wrote:
>
> Let's see. You are going to replace a battery that needs replacement about every 15-20 years with 2 that need yearly replacement plus are prone to leak. Huh??? The stock type batteries are available as well as the holders if you feel the need for it, both via mail order.
>
> Clif
>
>
> --- In TS-850_450_690@yahoogroups.com, "james h edwards" <n5tog@> wrote:
> >
> > I have a 850 i`am replaceing the 3 v battery and RS don`t have the cr2032 battery holder << i wounder if there is a reason y i can`t use 2,,,,,, 1.5 aaa as the have a 2 cell holder for them i`am sure i can finf room for them in the 850.. thanks Harold n5tog
> >
> > [Non-text portions of this message have been removed]
> >
>

7835. Re: [TS-850_450_690] Re: 3 volt battery

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-04-21 15:05:51 UTC
From: Zack Widup
Topic: 7831 Message: 7835

Digi-Key has several holders. Just go to http://www.digikey.com and enter "cr2032 holder" in the search window. They are in the $1 to $2 range for one holder. I will probably get a couple on my next order from them.

73, Zack W9SZ

On Tue, Apr 21, 2009 at 9:52 AM, dsh_0403
<kenwoodts850@...>wrote:

>
>
>
> I ran into the same problem of not finding a CR-2032 holder so I put 2 AAs
> in a covered battery case and have no regrets. I figure alkaline batteries
> are probably good for at least two years and if by chance they should leak,
> they will leak inside the battery case so I am not very concerned. There is
> certainly less chance of damage to the radio now than with Kenwood's
> original design.
>
> A differing point of view ;-).
>
> --- In TS-850_450_690@yahoogroups.com <TS-850_450_690%40yahoogroups.com>,
> "Clif" <clif@...> wrote:
> >
> > Let's see. You are going to replace a battery that needs replacement
> about every 15-20 years with 2 that need yearly replacement plus are prone
> to leak. Huh??? The stock type batteries are available as well as the
> holders if you feel the need for it, both via mail order.
> >
> > Clif
> >
> >
> > --- In TS-850_450_690@yahoogroups.com <TS-850_450_690%40yahoogroups.com>,
> "james h edwards" <n5tog@> wrote:
> > >
> > > I have a 850 i`am replaceing the 3 v battery and RS don`t have the
> cr2032 battery holder << i wounder if there is a reason y i can`t use
> 2,,,,,, 1.5 aaa as the have a 2 cell holder for them i`am sure i can finf
> room for them in the 850.. thanks Harold n5tog
> > >
> > > [Non-text portions of this message have been removed]
> > >
> >
>
>
>

[Non-text portions of this message have been removed]

7836. Inrad filter

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-04-21 15:37:06 UTC
From: Zack Widup
Topic: 6440 Message: 7836

I have an Inrad # 103 filter that's been gathering dust for a while which I intended to put in the TS-850. The filter has a connector for five pins at one end and three on the other end. My TS-850 has five pins on the board on each end and the YK-88-C-1 has 5-pin connectors at each end.

I'm always hesitant to go cutting off pins in a circuit but it looks like I'd have to do that to make this filter work. Is there another way around this, and if not, which pins do I cut off? Will it be possible to use the Kenwood YK-88C-1 filter again?

73, Zack W9SZ

[Non-text portions of this message have been removed]

7837. Re: Inrad filter

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-04-21 16:23:22 UTC
From: Roland Spoon
Topic: 6440 Message: 7837

Jack the 2 pins you cut off are not used they are just redundant grounds. So the kenwood filter will work also with the missing pins.
so feel free to snip away. By the way the Inrad's are a much better filter. After using Inrad filters I will not go back to Kenwood filters.
73
Roland, AH6RR

--- In TS-850_450_690@yahoogroups.com, Zack Widup <w9sz.zack@...> wrote:
>
> I have an Inrad # 103 filter that's been gathering dust for a while which I
> intended to put in the TS-850. The filter has a connector for five pins at
> one end and three on the other end. My TS-850 has five pins on the board on
> each end and the YK-88-C-1 has 5-pin connectors at each end.
>
> I'm always hesitant to go cutting off pins in a circuit but it looks like
> I'd have to do that to make this filter work. Is there another way around
> this, and if not, which pins do I cut off? Will it be possible to use the
> Kenwood YK-88C-1 filter again?
>
> 73, Zack W9SZ
>
>
> [Non-text portions of this message have been removed]
>

7838. Re: [TS-850_450_690] 3 volt battery

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-04-21 19:31:21 UTC
From: Dave wej
Topic: 7831 Message: 7838

strip a holder from an old computer motherboard....

actually, the battery may still be good in the motherboard too
Dave Garber
VE3WEJ/VE3IE
----- Original Message -----
From: james h edwards
To: TS-850_450_690@yahoogroups.com
Sent: Monday, April 20, 2009 11:40 PM
Subject: [TS-850_450_690] 3 volt battery

I have a 850 i`am replaceing the 3 v battery and RS don`t have the cr2032 battery holder << i wounder if there is a reason y i can`t use 2,,,,,, 1.5 aaa as the have a 2 cell holder for them i`am sure i can finf room for them in the 850.. thanks Harold n5tog

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

7839. Re: [TS-850_450_690] Re: No TX on ts-850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-04-21 19:32:07 UTC
From: Dave wej
Topic: 7822 Message: 7839

I night have 1 here, let me check

----- Original Message -----
From: va3aso
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, April 21, 2009 10:13 AM
Subject: [TS-850_450_690] Re: No TX on ts-850

Hey Dave,
I'm going to have to order them from kenwood parts. Nobody up here has them (RLS-135) (MI204). I am going to check them all down the TX line. I hope I didn't poof the logic board regarding the ATU. I have it bypassed and it does transmit, but doesn't put out any wattage. Any other thoughts could be helpful.
Ron

--- In TS-850_450_690@yahoogroups.com, "Dave wej" <ve3wej@...> wrote:
>
> not sure, but pin diode is NOT the same function as a rf signal diode. would this still not mean changing the diode to the correct type??
>
> also is there not more than one pin diode???
> maybe the other diode is bad as well?????
>
> Dave Garber
> VE3WEJ/VE3IE
>
> ----- Original Message -----
> From: va3aso
> To: TS-850_450_690@yahoogroups.com
> Sent: Monday, April 20, 2009 7:23 PM
> Subject: [TS-850_450_690] Re: No TX on ts-850
>
>
>
>
>
>
> Hey Clif,
> I checked the diode and it is fine. Maybe it is down the line somewhere. I am ready to give in soon and send it out.... How busy are ya Clif?
> Thanks,
> Ron
>

[Non-text portions of this message have been removed]

7840. Re: [TS-850_450_690] Re: 3 volt battery

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-04-21 19:57:23 UTC
From: kremper4-850@yahoo.com
Topic: 7831 Message: 7840

Harold,

Most computer motherboards use a CR2032 battery for CMOS backup. You can likely obtain find both a battery and a holder at a nearby computer store or repair shop. They'll probably let you take the holder and battery from a junked motherboard. FAR Circuits sells a small PC board with an attached holder.

73,

Paul / N1FB

--- On Tue, 4/21/09, Zack Widup <w9sz.zack@...> wrote:

From: Zack Widup <w9sz.zack@...>
Subject: Re: [TS-850_450_690] Re: 3 volt battery
To: TS-850_450_690@yahoogroups.com
Date: Tuesday, April 21, 2009, 11:05 AM

Digi-Key has several holders. Just go to http://www.digikey. com and enter "cr2032 holder" in the search window. They are in the $1 to $2 range for one holder. I will probably get a couple on my next order from them.

73, Zack W9SZ

On Tue, Apr 21, 2009 at 9:52 AM, dsh_0403
<kenwoodts850@ hsd.ignorelist. com>wrote:

>
>
>
> I ran into the same problem of not finding a CR-2032 holder so I put 2 AAs
> in a covered battery case and have no regrets. I figure alkaline batteries
> are probably good for at least two years and if by chance they should leak,
> they will leak inside the battery case so I am not very concerned. There is
> certainly less chance of damage to the radio now than with Kenwood's
> original design.
>
> A differing point of view ;-).
>
> --- In TS-850_450_690@ yahoogroups. com <TS-850_450_ 690%40yahoogroup s.com>,
> "Clif" <clif@...> wrote:
> >
> > Let's see. You are going to replace a battery that needs replacement
> about every 15-20 years with 2 that need yearly replacement plus are prone
> to leak. Huh??? The stock type batteries are available as well as the
> holders if you feel the need for it, both via mail order.
> >

> > Clif
> >
> >
> > --- In TS-850_450_690@ yahoogroups. com <TS-850_450_ 690%40yahoogroup s.com>,
> "james h edwards" <n5tog@> wrote:
> > >
> > > I have a 850 i`am replaceing the 3 v battery and RS don`t have the
> cr2032 battery holder << i wounder if there is a reason y i can`t use
> 2,,,,,, 1.5 aaa as the have a 2 cell holder for them i`am sure i can finf
> room for them in the 850.. thanks Harold n5tog
> > >
> > > [Non-text portions of this message have been removed]
> > >
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>

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[Non-text portions of this message have been removed]

7841. DSP-100 (Kenwood450s)

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-04-22 02:50:23 UTC
From: Fred Middleton
Topic: 7841 Message: 7841

Does anyone know where I can find a dsp-100 for my Kenwood 450s?

[Non-text portions of this message have been removed]

7842. RE: [TS-850_450_690] DSP-100 (Kenwood450s)

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-04-22 02:58:49 UTC
From: John Parker
Topic: 7841 Message: 7842

Fred,

Took me 6 months to find one. It happened to be on e-bay with a buy it now feature.

Steep price but I just saw one go on the bay between 300-400.00.

You just have to keep looking.

73,

John

_____

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of Fred Middleton
Sent: Tuesday, April 21, 2009 7:50 PM
To: TS-850_450_690@...
Subject: [TS-850_450_690] DSP-100 (Kenwood450s)

Does anyone know where I can find a dsp-100 for my Kenwood 450s?

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

7843. Re: [TS-850_450_690] DSP-100 (Kenwood450s)

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-04-22 03:13:16 UTC
From: Mike Blazek
Topic: 7841 Message: 7843

Yes, the prices on them are crazy - two recently sold on ebay - the
first was what would normally be called a 'tech special'; untested,
missing parts and all cables. It sold for $385.00. The second was listed
as "perfect condition"; looked to be complete with all cables and manual
- it sold for $705.00...

73,
Mike N5UKZ

John Parker wrote:
>
>
> Fred,
>
> Took me 6 months to find one. It happened to be on e-bay with a buy it now
> feature.
>
> Steep price but I just saw one go on the bay between 300-400.00.
>
> You just have to keep looking.
>
> 73,
>
> John
>
>
>
> _____
>
> From: TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>
> [mailto:TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>]
> On Behalf Of Fred Middleton
> Sent: Tuesday, April 21, 2009 7:50 PM
> To: TS-850_450_690@...
> <mailto:TS-850_450_690%40YAHOOGROUPS.COM>
> Subject: [TS-850_450_690] DSP-100 (Kenwood450s)
>
> Does anyone know where I can find a dsp-100 for my Kenwood 450s?
>
> [Non-text portions of this message have been removed]
>
> [Non-text portions of this message have been removed]
>

>

7844. Re: [TS-850_450_690] DSP-100 (Kenwood450s)

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-04-22 13:15:58 UTC
From: John Moore
Topic: 7841 Message: 7844

Fred,
I have a DSP-100 that I use with my TS850. I am considering selling the DSP-100 and one of my TS850's, but will probably use ebay when I have the time to list it.
John, N5RK

On Apr 21, 2009, at 8:50 PM, Fred Middleton wrote:

>
>
> Does anyone know where I can find a dsp-100 for my Kenwood 450s?
>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

7845. Re: [TS-850_450_690] Re: ALC issues

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-04-22 05:55:40 UTC
From: Mike Zwingl oe3mzc
Topic: 944 Message: 7845

Hi all TS-850 users,
after modification of the two resistors the ALC problem still resisted,
so I finally decided to use a ICL7660S or LTC1144 to produce the -6Volt of the DCDC board
for proper stable HF-output.
see: http://homepage2.nifty.com/yamada_radio_clinic/archive/850_dc_dc/850dcdc.htm

It works perfectly.
vy 73 de MIke
oe3mzc

----- Original Message -----
From: Mike Zwingl oe3mzc
To: TS-850_450_690@yahoogroups.com
Cc: TS-850 450 690
Sent: Tuesday, March 03, 2009 7:56 PM
Subject: Re: [TS-850_450_690] Re: ALC issues

you are right! I was thinking too simple, sri.
In this case it seems easier to change the two resistors on the DCDC board.

73 de Mike
oe3mzc

----- Original Message -----
From: k8isk@...
To: TS-850 450 690
Cc: TS-850 450 690
Sent: Monday, March 02, 2009 9:15 PM
Subject: Re: [TS-850_450_690] Re: ALC issues

Use a 7660, it takes +12v in and creates -12v, then regulate down to -6 with a LM337.

Terry

----- Original Message -----

From: gt600020hp

To: TS-850 450 690

Sent: Mon, 2 Mar 2009 19:45:17 +0000 (UTC)

Subject: [TS-850_450_690] Re: ALC issues

It will not work. A -6V voltage regulator will not produce

-6vdc from a +13vdc source. If you feed it a -13vdc it will

provide you a -6vdc output. The DC to DC board is taking the

+13vdc input and switching it into an AC voltage then rectifying

it and regulating a -6vdc output. I wish it was as easy as

replacing the stock part with a 3 terminal IC VRegulator.

Mike N0KDS

--- In TS-850_450_690@yahoogroups.com, "Mike Zwingl oe3mzc"

wrote:

>

> but what about simply replacing the DCDC board by a negative voltage

regulator 7906.

> If the task of the DCDC board is simply to produce negative 6 Volt

out of 13Volt, this should work ...?

>

> Has anyone ever tried this?

>

> vy 73 de Mike

> oe3mzc

>

> ----- Original Message -----

> From: kremper4-850@...

> To: TS-850_450_690@yahoogroups.com

> Sent: Tuesday, February 24, 2009 8:07 PM

> Subject: Re: [TS-850_450_690] ALC issues

>

>

> Tom,

>

> I've no advice to offer regarding the ALC/power issues, but rather

selfishly have a question instead: How did you go about removing the

DC-DC converter board to change the resistor values? Did you cut the

PC-board pins?

>

> Those SMD resistors are indeed small -- unbelievably small when viewed without eyeglasses aided by magnifiers capable of identifying male flies from female flies on the moon... Stabilizing the motion of the soldering iron is another matter.

>

> 73,

>

> Paul / N1FB

>

> --- On Mon, 2/23/09, Tom Kutz wrote:

>

> From: Tom Kutz

> Subject: [TS-850_450_690] ALC issues

> To: TS-850_450_690@yahoogroups.com

> Date: Monday, February 23, 2009, 4:12 PM

>

> Hi all,

>

> I am new to this group having just joined last night. I am having a little problem with my TS-850 that I have owned and has run flawlessly since 1994. The ALC voltage would seem to oscillate over a period of a minute or two from max meter to normal. If I applied full power the power output would fall to minimum as the ALC voltage climbed up to maximum and then would return to normal of about 100 watts in a few seconds. I determined that the problem was the on the DC-DC board as described by ON7GO on N6TR's website. I changed R2 and R3 from 22k to 18k as suggested and the ALC is now stable. However,

the RF output was very low. SO... I adjusted VR7 on the RF unit as per the service manual, item 25 on page 103. This adjustment was on 14.2 Mhz and I was able to get the RF up to 100 watts out with the ALC reading normal. BUT . . . . on 3.800 MHz the RF out is low and not near the 100 watts obtained on the other band. More like 30 watts. with the ALC

> mid-scale.

>

> This is as far as I have gone but it indicates to me that I need some more alignment and thought that I would seek some new advice before digging in any farther. Does anyone on the group have any suggestions?

>

> Also, let me tell you . . those SMD resisters are small and it is no easy job replacing them with discrete 1/4 watt resistors!!! But I got the job done and the board looks neat.

>

> Hope someone out there can give me some advice.

>

> Tom

> WA0LRE

>

> [Non-text portions of this message have been removed]

>

>

>

>

>

> [Non-text portions of this message have been removed]

>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

7846. Re: [TS-850_450_690] DSP-100 (Kenwood450s)

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-04-22 14:24:14 UTC
From: Zack Widup
Topic: 7841 Message: 7846

You can buy an 850 for that much!

73, Zack W9SZ

On Tue, Apr 21, 2009 at 10:13 PM, Mike Blazek <mblazek@...> wrote:

>
>
> Yes, the prices on them are crazy - two recently sold on ebay - the
> first was what would normally be called a 'tech special'; untested,
> missing parts and all cables. It sold for $385.00. The second was listed
> as "perfect condition"; looked to be complete with all cables and manual
> - it sold for $705.00...
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> 73,
> Mike N5UKZ
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> John Parker wrote:
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> > Fred,
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> > Took me 6 months to find one. It happened to be on e-bay with a buy it
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> > Steep price but I just saw one go on the bay between 300-400.00.
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> > You just have to keep looking.
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> > 73,
> >
> > John
> >
> >
> >
> > _____
> >
> > From: TS-850_450_690@yahoogroups.com <TS-850_450_690%40yahoogroups.com>
> > <mailto:TS-850_450_690%40yahoogroups.com<TS-850_450_690%2540yahoogroups.com>>
>
> > [mailto:TS-850_450_690@yahoogroups.com<TS-850_450_690%40yahoogroups.com>
> > <mailto:TS-850_450_690%40yahoogroups.com<TS-850_450_690%2540yahoogroups.com>>]
>
> > On Behalf Of Fred Middleton
> > Sent: Tuesday, April 21, 2009 7:50 PM

> > To: TS-850_450_690@... <TS-850_450_690%40YAHOOGROUPS.COM>
> > <mailto:TS-850_450_690%40YAHOOGROUPS.COM<TS-850_450_690%2540YAHOOGROUPS.COM>>
>
> > Subject: [TS-850_450_690] DSP-100 (Kenwood450s)
> >
> > Does anyone know where I can find a dsp-100 for my Kenwood 450s?
> >
> > [Non-text portions of this message have been removed]
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> > [Non-text portions of this message have been removed]
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>

[Non-text portions of this message have been removed]

7847. Re: ALC issues

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-04-22 15:22:36 UTC
From: Clif
Topic: 944 Message: 7847

Very nice. The only comment is the ICL7660S has an absolute input voltage of 13v which makes the LTC part more suitable.

Clif

--- In TS-850_450_690@yahoogroups.com, "Mike Zwingl oe3mzc" <oe3mzc@...> wrote:
>
> Hi all TS-850 users,
> after modification of the two resistors the ALC problem still resisted,
> so I finally decided to use a ICL7660S or LTC1144 to produce the -6Volt of the DCDC board for proper stable HF-output.
> see: http://homepage2.nifty.com/yamada_radio_clinic/archive/850_dc_dc/850dcdc.htm
>
> It works perfectly.
> vy 73 de MIke
> oe3mzc
>
> ----- Original Message -----
> From: Mike Zwingl oe3mzc
> To: TS-850_450_690@yahoogroups.com
> Cc: TS-850 450 690
> Sent: Tuesday, March 03, 2009 7:56 PM
> Subject: Re: [TS-850_450_690] Re: ALC issues
>
>
> you are right! I was thinking too simple, sri.
> In this case it seems easier to change the two resistors on the DCDC board.
>
> 73 de Mike
> oe3mzc
>
> ----- Original Message -----
> From: k8isk@...
> To: TS-850 450 690
> Cc: TS-850 450 690
> Sent: Monday, March 02, 2009 9:15 PM
> Subject: Re: [TS-850_450_690] Re: ALC issues
>
> Use a 7660, it takes +12v in and creates -12v, then regulate down to -6 with a LM337.
>
> Terry
>
> ----- Original Message -----
>
> From: gt600020hp

>
> To: TS-850 450 690
>
> Sent: Mon, 2 Mar 2009 19:45:17 +0000 (UTC)
>
> Subject: [TS-850_450_690] Re: ALC issues
>
> It will not work. A -6V voltage regulator will not produce
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> -6vdc from a +13vdc source. If you feed it a -13vdc it will
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> provide you a -6vdc output. The DC to DC board is taking the
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> +13vdc input and switching it into an AC voltage then rectifying
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> replacing the stock part with a 3 terminal IC VRegulator.
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> Mike N0KDS
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> --- In TS-850_450_690@yahoogroups.com, "Mike Zwingl oe3mzc"
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> wrote:
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> >
>
> > but what about simply replacing the DCDC board by a negative voltage
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> regulator 7906.
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> > If the task of the DCDC board is simply to produce negative 6 Volt
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> out of 13Volt, this should work ...?
>
> >
>
> > Has anyone ever tried this?
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> >
>
> > vy 73 de Mike
>
> > oe3mzc
>
> >
>
> > ----- Original Message -----
>
> > From: kremper4-850@

>
> > To: TS-850_450_690@yahoogroups.com
>
> > Sent: Tuesday, February 24, 2009 8:07 PM
>
> > Subject: Re: [TS-850_450_690] ALC issues
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> > Tom,
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>
> > I've no advice to offer regarding the ALC/power issues, but rather
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> DC-DC converter board to change the resistor values? Did you cut the
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> PC-board pins?
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> > Those SMD resistors are indeed small -- unbelievably small when
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> viewed without eyeglasses aided by magnifiers capable of identifying
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> male flies from female flies on the moon... Stabilizing the motion of
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> the soldering iron is another matter.
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> > 73,
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> > Paul / N1FB
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> >
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> > --- On Mon, 2/23/09, Tom Kutz wrote:
>
> >
>
> > From: Tom Kutz
>
> > Subject: [TS-850_450_690] ALC issues

>
> > To: TS-850_450_690@yahoogroups.com
>
> > Date: Monday, February 23, 2009, 4:12 PM
>
> >
>
> > Hi all,
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> > I am new to this group having just joined last night. I am having
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> a little problem with my TS-850 that I have owned and has run
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> climbed up to maximum and then would return to normal of about 100
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> watts in a few seconds. I determined that the problem was the on the
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> Mhz and I was able to get the RF up to 100 watts out with the ALC
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> reading normal. BUT . . . . on 3.800 MHz the RF out is low and not
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>
> with the ALC
>
> > mid-scale.
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> > This is as far as I have gone but it indicates to me that I need
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> suggestions?
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>
> > Also, let me tell you . . those SMD resisters are small and it is
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> no easy job replacing them with discrete 1/4 watt resistors!!! But I
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> got the job done and the board looks neat.
>
> >
>
> > Hope someone out there can give me some advice.
>
> >
>
> > Tom
>
> > WA0LRE
>
> >
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7848. Re: [TS-850_450_690] DSP-100 (Kenwood450s)

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-04-23 01:33:18 UTC
From: Mike Blazek
Topic: 7841 Message: 7848

Yes. Yes, you can. Just out of curiosity, does anyone remember what they sold for new?

Mike

Zack Widup wrote:
>
> You can buy an 850 for that much!
>
> 73, Zack W9SZ
>
> On Tue, Apr 21, 2009 at 10:13 PM, Mike Blazek <mblazek@...
> <mailto:mblazek%40bellsouth.net>> wrote:
>
> >
> >
> > Yes, the prices on them are crazy - two recently sold on ebay - the
> > first was what would normally be called a 'tech special'; untested,
> > missing parts and all cables. It sold for $385.00. The second was listed
> > as "perfect condition"; looked to be complete with all cables and manual
> > - it sold for $705.00...
> >
> > 73,
> > Mike N5UKZ
> >
> > John Parker wrote:
> > > Fred,
> > >
> > > Took me 6 months to find one. It happened to be on e-bay with a
> buy it now feature.
> > >
> > > Steep price but I just saw one go on the bay between 300-400.00.
> > >
> > > You just have to keep looking.
> > >
> > > 73,
> > >
> > > John
>

7849. Re: DSP-100 (Kenwood450s)

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-04-23 03:04:18 UTC
From: Darl Deeds
Topic: 7841 Message: 7849

January 26, 1990 SN# 70,300,XXX $1750.00 Universal Radio, Columbus Ohio

Mine has worked perfectly since then everyday, no mods or updates.

Darl NA8W

--- In TS-850_450_690@yahoogroups.com, Mike Blazek <mblazek@...> wrote:
>
> Yes. Yes, you can. Just out of curiosity, does anyone remember what they
> sold for new?
>
> Mike
>

>
> Zack Widup wrote:
> >
> > You can buy an 850 for that much!
> >
> > 73, Zack W9SZ
> >
> > On Tue, Apr 21, 2009 at 10:13 PM, Mike Blazek <mblazek@...
> > <mailto:mblazek%40bellsouth.net>> wrote:
> >
> > >
> > >
> > > Yes, the prices on them are crazy - two recently sold on ebay - the
> > > first was what would normally be called a 'tech special'; untested,
> > > missing parts and all cables. It sold for $385.00. The second was listed
> > > as "perfect condition"; looked to be complete with all cables and manual
> > > - it sold for $705.00...
> > >
> > > 73,
> > > Mike N5UKZ
> > >
> > > John Parker wrote:
> > > > Fred,
> > > >
> > > > Took me 6 months to find one. It happened to be on e-bay with a
> > buy it now feature.
> > > >
> > > > Steep price but I just saw one go on the bay between 300-400.00.
> > > >
> > > > You just have to keep looking.
> > > >
> > > > 73,

> > > >
> > > > John
> >
>

7850. SP-31 Manual

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-04-25 15:20:15 UTC
From: kremper4-850@yahoo.com
Topic: 7850 Message: 7850


```
if (typeof YAHOO == "undefined") {
var YAHOO = {};
}
YAHOO.Shortcuts = YAHOO.Shortcuts || {};
YAHOO.Shortcuts.hasSensitiveText = false;
YAHOO.Shortcuts.sensitivityType = [];
YAHOO.Shortcuts.doUlt = false;
YAHOO.Shortcuts.location = "us";
YAHOO.Shortcuts.document_id = 0;
YAHOO.Shortcuts.document_type = "";
YAHOO.Shortcuts.document_title = "SP-31 Manual";
YAHOO.Shortcuts.document_publish_date = "";
YAHOO.Shortcuts.document_author = "ppagel@...";
YAHOO.Shortcuts.document_url = "";
YAHOO.Shortcuts.document_tags = "";
YAHOO.Shortcuts.document_language = "english";
YAHOO.Shortcuts.annotationSet = {

};
YAHOO.Shortcuts.headerID = "13bbb1acdda946bd12826f5c3872f05c";
```


Does anyone have a decent copy of a PS-31 Manual, or a pointer to one? I've located two such files, but they're poor photocopies.

73,

Paul / N1FB

[Non-text portions of this message have been removed]

7851. Re: [TS-850_450_690] SP-31 Manual

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-04-25 16:37:09 UTC
From: Dave wej
Topic: 7850 Message: 7851

did you check the service manual for the radio.. they are usually in there

where did you find yours, I may have it here, but want to make sure it is not the same file

Dave Garber
VE3WEJ/VE3IE

----- Original Message -----
From: kremper4-850@...
To: TS-850 Yahoo
Sent: Saturday, April 25, 2009 11:20 AM
Subject: [TS-850_450_690] SP-31 Manual


```
if (typeof YAHOO == "undefined") {
var YAHOO = {};
}
YAHOO.Shortcuts = YAHOO.Shortcuts || {};
YAHOO.Shortcuts.hasSensitiveText = false;
YAHOO.Shortcuts.sensitivityType = [];
YAHOO.Shortcuts.doUlt = false;
YAHOO.Shortcuts.location = "us";
YAHOO.Shortcuts.document_id = 0;
YAHOO.Shortcuts.document_type = "";
YAHOO.Shortcuts.document_title = "SP-31 Manual";
YAHOO.Shortcuts.document_publish_date = "";
YAHOO.Shortcuts.document_author = "ppagel@...";
YAHOO.Shortcuts.document_url = "";
YAHOO.Shortcuts.document_tags = "";
YAHOO.Shortcuts.document_language = "english";
YAHOO.Shortcuts.annotationSet = {

};
YAHOO.Shortcuts.headerID = "13bbb1acdda946bd12826f5c3872f05c";
```


Does anyone have a decent copy of a PS-31 Manual, or a pointer to one? I've located two such files, but they're poor photocopies.

73,

Paul / N1FB

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

7852. SP-31 Manual

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-04-25 19:03:08 UTC
From: kremper4-850@yahoo.com
Topic: 7850 Message: 7852

Dave,

No, I didn't -- but you're right, there is some SP-31 information in the Service Manual: the schematic and PC-board layouts.

The manual I was referring to evidently is supplied with the SP-31. It consists of two pages identifying the control buttons and showing drawings of the front and rear panels; the schematic is included, but not the PC-board patterns/overlays.

I downloaded that file so long ago that I don't recall where it came from. I think it might have come from ModsDK.com. Unfortunately, it's not a crisp scan and I was hoping to find something better.

73,

Paul / N1FB

did you check the service manual for the radio.. they are usually in there

where did you find yours, I may have it here, but want to make sure it is not the same file

Dave Garber
VE3WEJ/VE3IE

[Non-text portions of this message have been removed]

7853. RE: [TS-850_450_690] SP-31 Manual

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-04-25 22:32:04 UTC
From: kremper4-850@yahoo.com
Topic: 7850 Message: 7853

Thanks, Ron. I have that single sheet. I also have the attached two-sheet file. It's usable, but I'm trying to find a better copy.

73,

Paul / N1FB

--- On Sat, 4/25/09, Ron - AG1P <ag1p@...> wrote:

From: Ron - AG1P <ag1p@...>
Subject: RE: [TS-850_450_690] SP-31 Manual
To: kremper4-850@...
Date: Saturday, April 25, 2009, 4:31 PM

Sorry, got it mixed up. Attached SP-31 manual as it is small.

73 - Ron

From: Ron - AG1P [mailto:ag1p@...]
Sent: Saturday, April 25, 2009 3:22 PM
To: 'kremper4-850@...'
Subject: RE: [TS-850_450_690] SP-31 Manual

Paul,

If you can accept attachments, I can email you pdf of the owners manual. It covers PS-52 and PS-31.

73,

Ron – AG1P

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com] On Behalf Of kremper4-850@...
Sent: Saturday, April 25, 2009 2:03 PM
To: Dave wej; TS-850 Yahoo
Subject: [TS-850_450_690] SP-31 Manual

Dave,

No, I didn't -- but you're right, there is some SP-31 information in the Service Manual: the schematic and PC-board layouts.

The manual I was referring to evidently is supplied with the SP-31. It consists of two pages identifying the control buttons and showing drawings of the front and rear panels; the schematic is included, but not the PC-board patterns/overlays.

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something better.

73,

Paul / N1FB

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Dave Garber
VE3WEJ/VE3IE

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7854. Re: [TS-850_450_690] SP-31 Manual

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-04-26 00:36:31 UTC
From: Dave wej
Topic: 7850 Message: 7854

how are these

http://home.cogeco.ca/~dgarber9/

download the 2 bmp files, right from the ts-850 service manual, pg 205 and 206

Dave Garber
VE3WEJ/VE3IE
----- Original Message -----
From: kremper4-850@...
To: Ron - AG1P ; TS-850 Yahoo
Sent: Saturday, April 25, 2009 6:32 PM
Subject: RE: [TS-850_450_690] SP-31 Manual

Thanks, Ron. I have that single sheet. I also have the attached two-sheet file. It's usable, but I'm trying to find a better copy.

73,

Paul / N1FB

--- On Sat, 4/25/09, Ron - AG1P <ag1p@...> wrote:

From: Ron - AG1P <ag1p@...>
Subject: RE: [TS-850_450_690] SP-31 Manual
To: kremper4-850@...
Date: Saturday, April 25, 2009, 4:31 PM

Sorry, got it mixed up. Attached SP-31 manual as it is small.

73 - Ron

From: Ron - AG1P [mailto:ag1p@...]
Sent: Saturday, April 25, 2009 3:22 PM
To: 'kremper4-850@...'
Subject: RE: [TS-850_450_690] SP-31 Manual

Paul,

If you can accept attachments, I can email you pdf of the owners manual. It covers PS-52 and PS-31.

73,

Ron – AG1P

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com] On Behalf Of kremper4-850@...
Sent: Saturday, April 25, 2009 2:03 PM

To: Dave wej; TS-850 Yahoo
Subject: [TS-850_450_690] SP-31 Manual

Dave,

No, I didn't -- but you're right, there is some SP-31 information in the Service Manual: the schematic and PC-board layouts.

The manual I was referring to evidently is supplied with the SP-31. It consists of two pages identifying the control buttons and showing drawings of the front and rear panels; the schematic is included, but not the PC-board patterns/overlays.

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Paul / N1FB

did you check the service manual for the radio.. they are usually in there

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Dave Garber
VE3WEJ/VE3IE

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[Non-text portions of this message have been removed]

7855. Re: [TS-850_450_690] SP-31 Manual

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-04-26 14:27:10 UTC
From: kremper4-850@yahoo.com
Topic: 7850 Message: 7855

Hi Dave,

Thanks, those are the pages from the Service Manual. I'll attach my copies of those pages which I hauled into an old version of Paint Shop Pro and worked on. The other graphic shows the cover page of the SP-31 manual itself, which could use some help, but the original is so bad that even PSP can't help it.

I don't know if the Yahoo Group mail deamon lops off the attachments or not, but you should get a copy of this e-mail with the attachments intact as it is addressed to you.

73,

Paul / N1FB

--- On Sat, 4/25/09, Dave wej <ve3wej@...> wrote:

From: Dave wej <ve3wej@...>
Subject: Re: [TS-850_450_690] SP-31 Manual
To: TS-850_450_690@yahoogroups.com
Date: Saturday, April 25, 2009, 8:36 PM

how are these

http://home. cogeco.ca/ ~dgarber9/

download the 2 bmp files, right from the ts-850 service manual, pg 205 and 206

Dave Garber
VE3WEJ/VE3IE
----- Original Message -----
From: kremper4-850@ yahoo.com
To: Ron - AG1P ; TS-850 Yahoo
Sent: Saturday, April 25, 2009 6:32 PM
Subject: RE: [TS-850_450_ 690] SP-31 Manual

Thanks, Ron. I have that single sheet. I also have the attached two-sheet file. It's usable, but I'm trying to find a better copy.

73,

Paul / N1FB

--- On Sat, 4/25/09, Ron - AG1P <ag1p@arrl.net> wrote:

From: Ron - AG1P <ag1p@...>
Subject: RE: [TS-850_450_ 690] SP-31 Manual
To: kremper4-850@ yahoo.com
Date: Saturday, April 25, 2009, 4:31 PM

Sorry, got it mixed up. Attached SP-31 manual as it is small.

73 - Ron

From: Ron - AG1P [mailto:ag1p@...]
Sent: Saturday, April 25, 2009 3:22 PM
To: 'kremper4-850@ yahoo.com'
Subject: RE: [TS-850_450_ 690] SP-31 Manual

Paul,

If you can accept attachments, I can email you pdf of the owners manual. It covers PS-52 and PS-31.

73,

Ron – AG1P

From: TS-850_450_690@ yahoogroups. com [mailto:TS-850_450_690@ yahoogroups. com] On Behalf Of kremper4-850@ yahoo.com
Sent: Saturday, April 25, 2009 2:03 PM
To: Dave wej; TS-850 Yahoo
Subject: [TS-850_450_ 690] SP-31 Manual

Dave,

No, I didn't -- but you're right, there is some SP-31 information in the Service Manual: the schematic and PC-board layouts.

The manual I was referring to evidently is supplied with the SP-31. It consists of two pages identifying the control buttons and showing drawings of the front and rear panels; the schematic is included, but not the PC-board patterns/overlays.

I downloaded that file so long ago that I don't recall where it came from. I think it might have come from ModsDK.com. Unfortunately, it's not a crisp scan and I was hoping to find something better.

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Paul / N1FB

did you check the service manual for the radio.. they are usually in there

where did you find yours, I may have it here, but want to make sure it is not the same file

Dave Garber
VE3WEJ/VE3IE

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[Non-text portions of this message have been removed]

7856. TS-450S output reduced

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-04-27 04:10:29 UTC
From: yellow_kite
Topic: 7856 Message: 7856

Hi

This is VU2YK.

Last week I used my TS-450S and it was in perfect working condition. Amazing receiver and get unsolicited comments about nice TX audio with stock mic. The lightning fast relayless Rx/Tx switching is noiseless and any CW Ops delight. Full 100 watts out on all HF bands.

Yesterday I switched on the rig, and shock and awe ! Output power reduced to 40 watts ! All else remains same. Low SWR, Power supply rock steady. ALC indicator does not move, indicating some problem inside. I did not touch the rig in the last few days.

Will appreciate any help in diagnosing and rectifying the problem. Thanks !

73

Rahul
VU2YK

7857. Re: TS-450S output reduced

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-04-27 19:28:14 UTC
From: Clif
Topic: 7856 Message: 7857

Tighten the power cable connections on the power supply, change the fuses and make sure the power plug on the back of the radio is tight.

Clif

--- In TS-850_450_690@yahoogroups.com, "yellow_kite" <yellow_kite@...> wrote:
>
> Hi
>
> This is VU2YK.
>
> Last week I used my TS-450S and it was in perfect working condition. Amazing receiver and get unsolicited comments about nice TX audio with stock mic. The lightning fast relayless Rx/Tx switching is noiseless and any CW Ops delight. Full 100 watts out on all HF bands.
>
> Yesterday I switched on the rig, and shock and awe ! Output power reduced to 40 watts ! All else remains same. Low SWR, Power supply rock steady. ALC indicator does not move, indicating some problem inside. I did not touch the rig in the last few days.
>
> Will appreciate any help in diagnosing and rectifying the problem. Thanks !
>
> 73
>
> Rahul
> VU2YK
>

7858. Low Volume

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-04-28 01:52:01 UTC
From: Dan Tassell
Topic: 7858 Message: 7858

Howdy all!

I am sure this has been asked, and answered before, but I cannot seem to find the answer so here goes. I just picked up a fairly nice 850 to replace my possibly terminal 870 and I noticed that I have to turn the volume up more than I am used to with my 870 to get the same listening level. Receive signal levels are about the same, just the volume has to be turned up a bit more on the 850. I have read that there are issues with bad solder connections and wondered if I need to look into that as an issue. Just looking for a little advice. The radio's s/n is 21200901. Thanks! Dan KC5PCB

7859. Re: Low Volume

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-04-28 17:36:57 UTC
From: Clif
Topic: 7858 Message: 7859

You can't compare an apple to an orange. I can think of a number of reasons for that and none of them are a problem, just a different radio.

If it has plenty of volume when all the way up don't worry about it.

Clif

--- In TS-850_450_690@yahoogroups.com, "Dan Tassell" <dtassell@...> wrote:
>
> Howdy all!
>
> I am sure this has been asked, and answered before, but I cannot seem to find the answer so here goes. I just picked up a fairly nice 850 to replace my possibly terminal 870 and I noticed that I have to turn the volume up more than I am used to with my 870 to get the same listening level. Receive signal levels are about the same, just the volume has to be turned up a bit more on the 850. I have read that there are issues with bad solder connections and wondered if I need to look into that as an issue. Just looking for a little advice. The radio's s/n is 21200901. Thanks! Dan KC5PCB
>

7860. Re: [TS-850_450_690] Re: Low Volume

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-04-28 22:45:41 UTC
From: Daniel Tassell
Topic: 7858 Message: 7860

Hi Clif!

Thanks for the reply! It just seemed a lot different when I compared it to my TS-870 or my R-2000. When the volume control gets to a certain point, beyond that it just didn't seem to make much difference.

Dan

--- On Tue, 4/28/09, Clif <clif@...> wrote:
From: Clif <clif@avvid.com>
Subject: [TS-850_450_690] Re: Low Volume
To: TS-850_450_690@yahoogroups.com
Date: Tuesday, April 28, 2009, 12:36 PM

You can't compare an apple to an orange. I can think of a number of reasons for that and none of them are a problem, just a different radio.

If it has plenty of volume when all the way up don't worry about it.

Clif

--- In TS-850_450_690@ yahoogroups. com, "Dan Tassell" <dtassell@.. .> wrote:

>

> Howdy all!

>

> I am sure this has been asked, and answered before, but I cannot seem to find the answer so here goes. I just picked up a fairly nice 850 to replace my possibly terminal 870 and I noticed that I have to turn the volume up more than I am used to with my 870 to get the same listening level. Receive signal levels are about the same, just the volume has to be turned up a bit more on the 850. I have read that there are issues with bad solder connections and wondered if I need to look into that as an issue. Just looking for a little advice. The radio's s/n is 21200901. Thanks! Dan KC5PCB

>

[Non-text portions of this message have been removed]

7861. Re: [TS-850_450_690] Re: Low Volume

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-04-28 23:03:23 UTC
From: Dave wej
Topic: 7858 Message: 7861

again, check rf gain control

att buttons (my 6db reduces to zero) aip on ??? the obvious stuff

----- Original Message -----
From: Daniel Tassell
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, April 28, 2009 6:45 PM
Subject: Re: [TS-850_450_690] Re: Low Volume

Hi Clif!

Thanks for the reply! It just seemed a lot different when I compared it to my TS-870 or my R-2000. When the volume control gets to a certain point, beyond that it just didn't seem to make much difference.

Dan

--- On Tue, 4/28/09, Clif <clif@...> wrote:
From: Clif <clif@...>
Subject: [TS-850_450_690] Re: Low Volume
To: TS-850_450_690@yahoogroups.com
Date: Tuesday, April 28, 2009, 12:36 PM

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Clif

--- In TS-850_450_690@ yahoogroups. com, "Dan Tassell" <dtassell@.. .> wrote:

>

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>

> I am sure this has been asked, and answered before, but I cannot seem to find the answer so here goes. I just picked up a fairly nice 850 to replace my possibly terminal 870 and I noticed that I have to turn the volume up more than I am used to with my 870 to get the same listening level. Receive signal levels are about the same, just the volume has to be turned up a bit more on the 850. I have read that there are issues with bad solder connections and wondered if I need to look into that as an issue. Just looking for a little advice. The radio's s/n is 21200901. Thanks! Dan KC5PCB

>

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[Non-text portions of this message have been removed]

7862. Re: [TS-850_450_690] Re: Low Volume

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-04-28 23:19:05 UTC
From: Daniel Tassell
Topic: 7858 Message: 7862

Hi Dave!

Yes, I have checked "all of the above", but I do appreciate your comments because you just never know. It is just odd that a 1/4 volume setting was comfortable on my 870 and the 850 needs to be almost 1/2 volume to be comfortable. But as Clif stated, I can't compare apples to oranges. I just thought it was odd and something that might have been related to the bad solder joints associated with the 850.

Dan
--- On Tue, 4/28/09, Dave wej <ve3wej@...> wrote:
From: Dave wej <ve3wej@...>
Subject: Re: [TS-850_450_690] Re: Low Volume
To: TS-850_450_690@yahoogroups.com
Date: Tuesday, April 28, 2009, 6:03 PM

again, check rf gain control

att buttons (my 6db reduces to zero) aip on ??? the obvious stuff

----- Original Message -----

From: Daniel Tassell

To: TS-850_450_690@ yahoogroups. com

Sent: Tuesday, April 28, 2009 6:45 PM

Subject: Re: [TS-850_450_ 690] Re: Low Volume

Hi Clif!

Thanks for the reply! It just seemed a lot different when I compared it to my TS-870 or my R-2000. When the volume control gets to a certain point, beyond that it just didn't seem to make much difference.

Dan

--- On Tue, 4/28/09, Clif <clif@...> wrote:

From: Clif <clif@...>

Subject: [TS-850_450_ 690] Re: Low Volume

To: TS-850_450_690@ yahoogroups. com

Date: Tuesday, April 28, 2009, 12:36 PM

You can't compare an apple to an orange. I can think of a number of reasons for that and none of them are a problem, just a different radio.

If it has plenty of volume when all the way up don't worry about it.

Clif

--- In TS-850_450_690@ yahoogroups. com, "Dan Tassell" <dtassell@.. .> wrote:

>

> Howdy all!

>

> I am sure this has been asked, and answered before, but I cannot seem to find the answer so here goes. I just picked up a fairly nice 850 to replace my possibly terminal 870 and I noticed that I have to turn the volume up more than I am used to with my 870 to get the same listening level. Receive signal levels are about the same, just the volume has to be turned up a bit more on the 850. I have read that there are issues with bad solder connections and wondered if I need to look into that as an issue. Just looking for a little advice. The radio's s/n is 21200901. Thanks! Dan KC5PCB

>

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[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

7863. Re: Low Volume

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-04-29 00:53:57 UTC
From: Clif
Topic: 7858 Message: 7863

An external speaker will level the playing field a litle bit. Try one on all 3 and see what happens. Or headphones for that matter, just anything but comparing the internal speaker.

Clif

--- In TS-850_450_690@...m, Daniel Tassell <dtassell@...> wrote:
>
> Hi Clif!
>
> Thanks for the reply! It just seemed a lot different when I compared it to my TS-870 or my R-2000. When the volume control gets to a certain point, beyond that it just didn't seem to make much difference.
>
> Dan
>
>
> --- On Tue, 4/28/09, Clif <clif@...> wrote:
> From: Clif <clif@...>
> Subject: [TS-850_450_690] Re: Low Volume
> To: TS-850_450_690@yahoogroups.com
> Date: Tuesday, April 28, 2009, 12:36 PM
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>
> You can't compare an apple to an orange. I can think of a number of reasons for that and none of them are a problem, just a different radio.
>
>
>
> If it has plenty of volume when all the way up don't worry about it.
>

>
>
> Clif
>
>
>
> --- In TS-850_450_690@ yahoogroups. com, "Dan Tassell" <dtassell@ .> wrote:
>
> >
>
> > Howdy all!
>
> >
>
> > I am sure this has been asked, and answered before, but I cannot seem to find the answer so here goes. I just picked up a fairly nice 850 to replace my possibly terminal 870 and I noticed that I have to turn the volume up more than I am used to with my 870 to get the same listening level. Receive signal levels are about the same, just the volume has to be turned up a bit more on the 850. I have read that there are issues with bad solder connections and wondered if I need to look into that as an issue. Just looking for a little advice. The radio's s/n is 21200901. Thanks! Dan KC5PCB
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> [Non-text portions of this message have been removed]
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7864. Re: [TS-850_450_690] Re: Low Volume

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-04-29 01:12:59 UTC
From: Daniel Tassell
Topic: 7858 Message: 7864

Hi Clif!

I have the SP-31 on this 850 and I have compared it to the internal speaker. They seem to sound the same, but I will do some more testing just to make sure I am not chasing my tail.

Dan

--- On Tue, 4/28/09, Clif <clif@...> wrote:
From: Clif <clif@...>
Subject: [TS-850_450_690] Re: Low Volume
To: TS-850_450_690@yahoogroups.com
Date: Tuesday, April 28, 2009, 7:53 PM

An external speaker will level the playing field a litle bit. Try one on all 3 and see what happens. Or headphones for that matter, just anything but comparing the internal speaker.

Clif

--- In TS-850_450_690@ yahoogroups. com, Daniel Tassell <dtassell@.. .> wrote:

>

> Hi Clif!

>

> Thanks for the reply! It just seemed a lot different when I compared it to my TS-870 or my R-2000. When the volume control gets to a certain point, beyond that it just didn't seem to make much difference.

>

> Dan

>

>

> --- On Tue, 4/28/09, Clif <clif@...> wrote:

> From: Clif <clif@...>

> Subject: [TS-850_450_ 690] Re: Low Volume

> To: TS-850_450_690@ yahoogroups. com

> Date: Tuesday, April 28, 2009, 12:36 PM

>

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> You can't compare an apple to an orange. I can think of a number of reasons for that and none of them are a problem, just a different radio.

>

>

>

> If it has plenty of volume when all the way up don't worry about it.

>

>

>

> Clif

>

>

>

> --- In TS-850_450_690@ yahoogroups. com, "Dan Tassell" <dtassell@ .> wrote:

>

> >

>

> > Howdy all!

>

> >

>

> > I am sure this has been asked, and answered before, but I cannot seem to find the answer so here goes. I just picked up a fairly nice 850 to replace my possibly terminal 870 and I noticed that I have to turn the volume up more than I am used to with my 870 to get the same listening level. Receive signal levels are about the same, just the volume has to be turned up a bit more on the 850. I have read that there are issues with bad solder connections and wondered if I need to look into that as an issue. Just looking for a little advice. The radio's s/n is 21200901. Thanks! Dan KC5PCB

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> [Non-text portions of this message have been removed]

>

[Non-text portions of this message have been removed]

7865. TS-850SAT/DSP100 for sale

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-04-29 16:21:15 UTC
From: Joe Sands
Topic: 7865 Message: 7865

If you are looking for a TS-850SAT with DSP-100, I have an entire station listed on Ebay under my callsign.

73,

Joe Sands W7UV

7866. Re: TS-450S output reduced

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-04-29 16:24:51 UTC
From: yellow_kite
Topic: 7856 Message: 7866

Hi Cliff

Thanks. As you can I see I did all of that. How can you explain the fact that ALC does not move . Indicating reduced drive maybe ?

73

rahul
vu2yk

--- In TS-850_450_690@yahoogroups.com, "Clif" <clif@...> wrote:
>
> Tighten the power cable connections on the power supply, change the fuses and make sure the power plug on the back of the radio is tight.
>
> Clif
>
>
> --- In TS-850_450_690@yahoogroups.com, "yellow_kite" <yellow_kite@> wrote:
> >
> > Hi
> >
> > This is VU2YK.
> >
> > Last week I used my TS-450S and it was in perfect working condition. Amazing receiver and get unsolicited comments about nice TX audio with stock mic. The lightning fast relayless Rx/Tx switching is noiseless and any CW Ops delight. Full 100 watts out on all HF bands.
> >
> > Yesterday I switched on the rig, and shock and awe ! Output power reduced to 40 watts ! All else remains same. Low SWR, Power supply rock steady. ALC indicator does not move, indicating some problem inside. I did not touch the rig in the last few days.
> >
> > Will appreciate any help in diagnosing and rectifying the problem. Thanks !
> >
> > 73
> >
> > Rahul
> > VU2YK
> >
>

7867. Re: TS-450S output reduced

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-04-29 19:23:35 UTC
From: Clif
Topic: 7856 Message: 7867

Ham Radio 101:

ALC, Automatic Level Control, A circuit designed to limit power out to a preset maximum.

ALC Meter, Presence of ALC indicates the unit has reached the preset max power. As the ALC indication increases the unit is reducing gain to maintain no more than the preset power. The higher the ALC reading the more the gain is reduced.

In this case with the power out set to max, 100w, the ALC will not operate until the radio exceeds 100w of output power, then the higher the Car is set the higher the ALC reads to maintain the 100w setting.

Clif

--- In TS-850_450_690@yahoogroups.com, "yellow_kite" <yellow_kite@...> wrote:
>
> Hi Cliff
>
> Thanks. As you can I see I did all of that. How can you explain the fact that ALC does not move . Indicating reduced drive maybe ?
>
> 73
>
> rahul
> vu2yk
>
>
> --- In TS-850_450_690@yahoogroups.com, "Clif" <clif@> wrote:
> >
> > Tighten the power cable connections on the power supply, change the fuses and make sure the power plug on the back of the radio is tight.
> >
> > Clif
> >
> >
> > --- In TS-850_450_690@yahoogroups.com, "yellow_kite" <yellow_kite@> wrote:
> > >
> > > Hi
> > >
> > > This is VU2YK.
> > >
> > > Last week I used my TS-450S and it was in perfect working condition. Amazing receiver and get unsolicited comments about nice TX audio with stock mic. The lightning fast relayless Rx/Tx switching is noiseless and any CW Ops delight. Full 100 watts out on all HF bands.
> > >

> > > Yesterday I switched on the rig, and shock and awe ! Output power reduced to 40 watts ! All else remains same. Low SWR, Power supply rock steady. ALC indicator does not move, indicating some problem inside. I did not touch the rig in the last few days.
> > >
> > > Will appreciate any help in diagnosing and rectifying the problem. Thanks !
> > >
> > > 73
> > >
> > > Rahul
> > > VU2YK
> > >
> >
>

7868. TS-450 being donated and needs checkup - need advice

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-04-29 21:10:57 UTC
From: Grant Hopper
Topic: 7868 Message: 7868

Kenwood TS-850_450_690Hi all,

I'm helping to facilitate the creation of a Amateur Radio station in a local adult living and assisted care facility. The HF radio will be a TS-450S, currently owned, but not used recently, by the resident of the facility that has been pushing to create such a station/opportunity for the residents.

We are pretty much done with the planning and approval, and now are going to build things out (which pretty much means install the antennas and then mount the equipment in a secure area.) I wanted to make sure the radio works properly prior to installation. The owner thinks he might have the service manual (and if he does not, I imagine that I can d/l it off the 'net') and has no idea what filters are in the radio (give him a break, he's 92 and at least he remembers his call and what he had for breakfast.) It has not been used reciently and the exact condition is unknown.

Our local club, will be "trustee" for the equipment but isn't in a position to spend any money on it right now, but I suspect the facility might be, and we have the time right now so I want to deal with any problems prior to installation. What issues does the TS-450 have. I read this list regularly (I have receiently acquired a TS-850SAT - that needs filters) but haven't seen too much in the way of regular problems on the 450. Someone is planning on doing the regualr basic stuff: check output power, 2-tone, on the air checks, but what else should get special attention. I really want this radio to be a resource for the residents who are hams (there are at least three.) With that in mind, I want to make sure that it arrives in a working condition and not sit there needing repairs or upgrades to be usable.

Thanks for any advice and guidance.

73,
Grant

Grant Hopper, J.D.
KB7WSD
Immediate Past President, Education Program Coordinator, Snohomish County Hams Club, WA7LAW visit us at: www.wa7law.com

[Non-text portions of this message have been removed]

7869. Re: [TS-850_450_690] TS-450 being donated and needs checkup - need advice

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-04-29 21:46:54 UTC
From: John Geiger
Topic: 7868 Message: 7869

Hi Grant,

Which filters do you need for your TS850SAT? I have some CW ones available.

73s John AA5JG

--- On Wed, 4/29/09, Grant Hopper <ghopper@...> wrote:

From: Grant Hopper <ghopper@...>
Subject: [TS-850_450_690] TS-450 being donated and needs checkup - need advice
To: "TS-850_450_690 Yahoo group" <TS-850_450_690@yahoogroups.com>
Date: Wednesday, April 29, 2009, 4:10 PM

Kenwood TS-850_450_690Hi all,

I'm helping to facilitate the creation of a Amateur Radio station in a local adult living and assisted care facility. The HF radio will be a TS-450S, currently owned, but not used recently, by the resident of the facility that has been pushing to create such a station/opportunity for the residents.

We are pretty much done with the planning and approval, and now are going to build things out (which pretty much means install the antennas and then mount the equipment in a secure area.) I wanted to make sure the radio works properly prior to installation. The owner thinks he might have the service manual (and if he does not, I imagine that I can d/l it off the 'net') and has no idea what filters are in the radio (give him a break, he's 92 and at least he remembers his call and what he had for breakfast.) It has not been used reciently and the exact condition is unknown.

Our local club, will be "trustee" for the equipment but isn't in a position to spend any money on it right now, but I suspect the facility might be, and we have the time right now so I want to deal with any problems prior to installation. What issues does the TS-450 have. I read this list regularly (I have receiently acquired a TS-850SAT - that needs filters) but haven't seen too much in the way of regular problems on the 450. Someone is planning on doing the regualr basic stuff: check output power, 2-tone, on the air checks, but what else should get special attention. I really want this radio to be a resource for the residents who are hams (there are at least three.) With that in mind, I want to make sure that it arrives in a working condition and not sit there needing repairs or upgrades to be usable.

Thanks for any advice and guidance.

73,
Grant

Grant Hopper, J.D.
KB7WSD
Immediate Past President, Education Program Coordinator, Snohomish County Hams Club, WA7LAW visit us at: www.wa7law.com

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

7870. CW filters for sale

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-04-29 21:52:30 UTC
From: John Geiger
Topic: 7870 Message: 7870

I have for sale the Kenwood YK-88C-1 500hz CW for $60 plus shipping, the Kenwood YG-455-C-1 500hz for $80 plus shipping, and the INRAD #22 (250hz at 8.83IF) for $70 plus shipping.

73s John AA5JG

7871. Re: TS-450 being donated and needs checkup - need advice

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-04-30 01:45:01 UTC
From: Clif
Topic: 7868 Message: 7871

Unless you have some contesters or avid CW buffs just run it as is. No need for filters. If someone feels they are an absolute necessity they are plug-in filters thru the trap door on the bottom, 10 minute job with a coffee break in the middle.

Clif

--- In TS-850_450_690@yahoogroups.com, "Grant Hopper" <ghopper@...> wrote:
>
> Kenwood TS-850_450_690Hi all,
>
> I'm helping to facilitate the creation of a Amateur Radio station in a local
> adult living and assisted care facility. The HF radio will be a TS-450S,
> currently owned, but not used recently, by the resident of the facility that
> has been pushing to create such a station/opportunity for the residents.
>
> We are pretty much done with the planning and approval, and now are going to
> build things out (which pretty much means install the antennas and then
> mount the equipment in a secure area.) I wanted to make sure the radio
> works properly prior to installation. The owner thinks he might have the
> service manual (and if he does not, I imagine that I can d/l it off the
> 'net') and has no idea what filters are in the radio (give him a break, he's
> 92 and at least he remembers his call and what he had for breakfast.) It
> has not been used reciently and the exact condition is unknown.
>
> Our local club, will be "trustee" for the equipment but isn't in a position
> to spend any money on it right now, but I suspect the facility might be, and
> we have the time right now so I want to deal with any problems prior to
> installation. What issues does the TS-450 have. I read this list regularly
> (I have receiently acquired a TS-850SAT - that needs filters) but haven't
> seen too much in the way of regular problems on the 450. Someone is
> planning on doing the regualr basic stuff: check output power, 2-tone, on
> the air checks, but what else should get special attention. I really want
> this radio to be a resource for the residents who are hams (there are at
> least three.) With that in mind, I want to make sure that it arrives in a
> working condition and not sit there needing repairs or upgrades to be
> usable.
>
> Thanks for any advice and guidance.
>
> 73,
> Grant
>
> Grant Hopper, J.D.
> KB7WSD
> Immediate Past President, Education Program Coordinator, Snohomish County

> Hams Club, WA7LAW visit us at: www.wa7law.com
>
>
>
> [Non-text portions of this message have been removed]
>

7872. Re: [TS-850_450_690] Re: Parts source for a MC54581P (relay driver for xmit filter board)?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-04-30 03:46:37 UTC
From: Rob Frohne
Topic: 7825 Message: 7872

Thanks Clif,

I decided since I had only fried the 20 meter darlington, that I'd put a quick and dirty TIP127 circuit in there instead. Thanks for the help! These parts are getting hard to find and expensive too.

73,

Rob, KL7NA

Clif wrote:
>
>
> Try Kenwood..
>
> LB1745 is the replacement @ $7.81
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>, Rob Frohne <rob.frohne@...>
> wrote:
> >
> > Hi,
> >
> > I was using the output of the relay driver (a M54581P) to select my
> > antenna, and shorted it out accidentally. So I'm looking for a new
> > M54581P. I guess if I can't find one somewhere, I will lift the leg and
> > build my own transistor driver (only one of the eight drivers burned
> > up). Anyone have any suggestions as to where to look. Google didn't
> > provide me much on this other than a data sheet which is helpful, but
> > not quite all I was really hoping for.
> >
> > 73,
> >
> > Rob, KL7NA
> >
> > --
> > Rob Frohne, Ph.D., P.E.
> > E.F. Cross School of Engineering
> > Walla Walla University
> > 100 SW 4th Street
> > College Place, WA 99324
> > (509) 527-2075 http://people.walllawalla.edu/~rob.frohne
> <http://people.walllawalla.edu/%7Erob.frohne>

> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>
>

--
Rob Frohne, Ph.D., P.E.
E.F. Cross School of Engineering
Walla Walla University
100 SW 4th Street
College Place, WA 99324
(509) 527-2075 http://people.walllawalla.edu/~rob.frohne

[Non-text portions of this message have been removed]

7873. TS-450S IF Output

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-04-30 04:41:54 UTC
From: w7smj
Topic: 7873 Message: 7873

Hi Group,

Does anyone know if it is possible to get the IF out of the 450? I don't see any way, but was curious if there is an easy mod or if it might be available from the DSP 1, DSP 2 or DSP 3 port.

Thanks & 73,
Scott

7874. No transmit on a ts-450sat

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-05-03 14:18:22 UTC
From: N2MHO
Topic: 7874 Message: 7874

Hello all,

I bought a TS-450SAT from a dealer after upgrading three years ago, but never transmitted on it because I didn't have an HF antenna at home (that's another story). The receiver worked OK with a random wire antenna.

Today I brought it to a buddy's house to try it out on his OCF dipole. I turned the transmit "on" in Menu 19, and can hear the tuner working and see the tuner light. However, the radio doesn't appear to be transmitting and the light doesn't come on.

Rechecking the user manual, I was surprised to find to find it had fewer tips in it than I thought.

Any tips would be appreciated, thanks.

Mike, n2mho in SNJ

7875. Re: [TS-850_450_690] No transmit on a ts-450sat

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-05-03 15:48:05 UTC
From: Dave wej
Topic: 7874 Message: 7875

what mode are you checking transmit on....

whatare you using to key the rig with, send button, hand mike, cw key ????

does the ptt light come on, but no output (needs audio)

IF i had bought a radio for hf prices, i would have at least tried it on a dummy load, but oh well. good luck

----- Original Message -----
From: N2MHO
To: TS-850_450_690@yahoogroups.com
Sent: Sunday, May 03, 2009 10:18 AM
Subject: [TS-850_450_690] No transmit on a ts-450sat

Hello all,

I bought a TS-450SAT from a dealer after upgrading three years ago,
but never transmitted on it because I didn't have an HF antenna at
home (that's another story). The receiver worked OK with a random
wire antenna.

Today I brought it to a buddy's house to try it out on his OCF dipole.
I turned the transmit "on" in Menu 19, and can hear the tuner working
and see the tuner light. However, the radio doesn't appear to be
transmitting and the light doesn't come on.

Rechecking the user manual, I was surprised to find to find it had
fewer tips in it than I thought.

Any tips would be appreciated, thanks.

Mike, n2mho in SNJ

[Non-text portions of this message have been removed]

7876. Re: [TS-850_450_690] No transmit on a ts-450sat

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-05-04 00:18:02 UTC
From: Rob Frohne
Topic: 7874 Message: 7876

Hi Mike,

Make sure the carrier is turned up. There is no output without any
carrier injected for tuning.

73,

Rob, KL7NA

N2MHO wrote:
>
>
> Hello all,
>
> I bought a TS-450SAT from a dealer after upgrading three years ago,
> but never transmitted on it because I didn't have an HF antenna at
> home (that's another story). The receiver worked OK with a random
> wire antenna.
>
> Today I brought it to a buddy's house to try it out on his OCF dipole.
> I turned the transmit "on" in Menu 19, and can hear the tuner working
> and see the tuner light. However, the radio doesn't appear to be
> transmitting and the light doesn't come on.
>
> Rechecking the user manual, I was surprised to find to find it had
> fewer tips in it than I thought.
>
> Any tips would be appreciated, thanks.
>
> Mike, n2mho in SNJ
>
>

--
Rob Frohne, Ph.D., P.E.
E.F. Cross School of Engineering
Walla Walla University
100 SW 4th Street
College Place, WA 99324
(509) 527-2075 http://people.walllawalla.edu/~rob.frohne

[Non-text portions of this message have been removed]

7877. Re: No transmit on a ts-450sat

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-05-04 02:45:17 UTC
From: Clif
Topic: 7874 Message: 7877

It's Japanese logic. Off means on and on means off.

Menu 19 is Transmit inhibit. They just didn't explain it.

ON = TX Inhibit
OFF = Normal TX.

Clif

--- In TS-850_450_690@yahoogroups.com, N2MHO <michael.harla@...> wrote:
>
> Hello all,
>
> I bought a TS-450SAT from a dealer after upgrading three years ago,
> but never transmitted on it because I didn't have an HF antenna at
> home (that's another story). The receiver worked OK with a random
> wire antenna.
>
> Today I brought it to a buddy's house to try it out on his OCF dipole.
> I turned the transmit "on" in Menu 19, and can hear the tuner working
> and see the tuner light. However, the radio doesn't appear to be
> transmitting and the light doesn't come on.
>
> Rechecking the user manual, I was surprised to find to find it had
> fewer tips in it than I thought.
>
> Any tips would be appreciated, thanks.
>
>
> Mike, n2mho in SNJ
>

7878. Re: [TS-850_450_690] No transmit on a ts-450sat

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-05-04 01:25:11 UTC
From: N2MHO
Topic: 7874 Message: 7878

Ron and Dave,

This could turn out to be simple, although simple-minded on my part.

Following my understanding of the manual, I set MENU 19 to "on" before
my problems as described before.
I didn't think to change it back to "off" until I got home and tried
it with a dummyload.
-- This seems to work, and I am going to try some air tests tomorrow.

Thanks for your comments and suggestions.

Mike, n2mho
****

> Hi Mike,
>
> Make sure the carrier is turned up. There is no output without any
> carrier injected for tuning.
>
> 73,
>
> Rob, KL7NA
>
>
> N2MHO wrote:
> >
> >
> > Hello all,
> >
> > I bought a TS-450SAT from a dealer after upgrading three years ago,
> > but never transmitted on it because I didn't have an HF antenna at
> > home (that's another story). The receiver worked OK with a random
> > wire antenna.
> >
> > Today I brought it to a buddy's house to try it out on his OCF dipole.
> > I turned the transmit "on" in Menu 19, and can hear the tuner working
> > and see the tuner light. However, the radio doesn't appear to be
> > transmitting and the light doesn't come on.
> >
> > Rechecking the user manual, I was surprised to find to find it had
> > fewer tips in it than I thought.
> >
> > Any tips would be appreciated, thanks.
> >
> > Mike, n2mho in SNJ

> >
> >
>
> --
> Rob Frohne, Ph.D., P.E.
> E.F. Cross School of Engineering
> Walla Walla University
> 100 SW 4th Street
> College Place, WA 99324
> (509) 527-2075 http://people.walllawalla.edu/~rob.frohne
>

7879. Re: [TS-850_450_690] Re: No transmit on a ts-450sat

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-05-04 11:05:06 UTC
From: N2MHO
Topic: 7874 Message: 7879

In the TS480 manual, the equivalent item is clearly labelled as
"transmit inhibit."

Thanks to all....

On 5/3/09, Clif <clif@...> wrote:
> >
>
> It's Japanese logic. Off means on and on means off.
>
> Menu 19 is Transmit inhibit. They just didn't explain it.
>
> ON = TX Inhibit
> OFF = Normal TX.
>
> Clif
>
>

7880. DSP100 ON don't RX

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-05-04 20:00:50 UTC
From: CT1EEK Nuno
Topic: 7880 Message: 7880

Hi

My DSP-100 don't RX.

I think something went wrong.

Any help?

Many Thanks!

Nuno CT1EEK
IM59HD

[Non-text portions of this message have been removed]

7881. Re: PA7TWO KWD-TS850Sat terrible smell after short transmit

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-05-04 21:08:30 UTC
From: f5rds
Topic: 7082 Message: 7881

Dear all,

First mail on this forum so first hello to everyone !

I just experienced the same issue as described below (smell, no TX, no red LED when keying, although the smell came but without more issue, then no TX appeared curriously several months after the smell !) so my great thanks to the contributors of this post which helped me to find quite rapidely the causes !

First, I checked C1 on CAR unit which was dead so I replaced it and checked the board under it. This did not solved the issue.
Then, I checked on IF unit the small board TRX X59-3680-01: Q152 seems to have exploded ! When trying to transmit, pin 2 goes to 3.2V (normal), but pin 5 stays at 0V and pin 10 stays at 8V so clearly the TRX board needs repair.
Before ordering a new one, I would like to be sure I can unsolder properly the dead board. I found a note from K0BX explaining that for the board DC-DC X59-1100-00, it should not be unsoldered but the pins must be cut, and then unsoldered on by one after being cut.
I was wondering if this is the best approach for the TRX board because pins 1 to 4 seems hard to access ? I would be happy to get feedback from those who have removed this board adn how they have done it.
Just for information, I have a good temp controled ESD safe soldering iron but do not have an unsoldering station, just plan to use solder wick and a solder sucker.
Many thanks in advance for your possible help.

Best 73,
Olivier, F5RDS

--- In TS-850_450_690@yahoogroups.com, "pa7two" <pa7two@...> wrote:
>
> Dear all,
>
> This is becoming a real horror story :-(I've added a folder in the
> files section named " Leaky_caps_repair" . Added some photos of the LF
> and CAR board caps.
>
> Beside the CAR board CAPs which I all replaced, I found C187
> (10v/470uF) & C182 (16v/470uF) leaking on the LF board labeled
> "X48-3080-00 A/5". At the moment not fully sure exact what function
> these caps have, though. Anyone can tell me that? Are voltages at this
> junction higher than 10v and could that be the reason why the CAP
> started to leak (exploded)?
>
> The spot on the PCB was damaged, but trace was still OK. Cleaned with
> some cleaning agent (special fluid to clean a PCB).
>
> This radio is fully loaded with these kinda CAPs, I wonder wonder

> wonder when the next will say bye bye and damages some of the other
> components...
>
> On Monday I'll go to the electronic parts shop here in town for the
> parts...
>
> In the mean time I performed the BCB mod. Photo's in the "BCB_mod
> section" .
>
> Vy 73, de Kees - pa7two
>
>
>
> --- In TS-850_450_690@yahoogroups.com, "pa7two" <pa7two@> wrote:
> >
> > Hi Clif,
> >
> > Could you please tell me in what direction I need to search for these
> > capacitors? Maybe the printed cap number on PCB or specific location
> > near the audio amp on the IF unit?
> >
> > Thanks a million in advance,
> >
> > Vy 73, de Kees
> >
> >
> > --- In TS-850_450_690@yahoogroups.com, "Clif" <clif@> wrote:
> > >
> > > Check the IF unit around the audio amp. Those caps have been known to
> > > leak.
> > >
> > > Clif
> > >
> > >
> > > --- In TS-850_450_690@yahoogroups.com, "pa7two" <pa7two@> wrote:
> > > >
> > > > Dear all,
> > > >
> > > > Could it be that there are more of this leaky CAPs in the TS850 like
> > > > on the CAR PCB (Which I all replaced) ?
> > > >
> > > > Still every time when I switch on the radio I smell the stank...
> > > >
> > > > Much less in strenght, sure, but still present... Any ideas please?
> > > >
> > > > Kees- pa7two
> > > >
> > > >
> > > >
> > > > --- In TS-850_450_690@yahoogroups.com, "pa7two" <pa7two@> wrote:

> > > > >
> > > > > Hi to all,
> > > > >
> > > > > Thanks for the great response, I was able to find the culprit!
> > > > >
> > > > > The next day I examined again the CAR PCB and I observed some
> > > > > electrolite acid on the PCB just under 4 of the capacitors... Too
> > > > > late, because it damaged some of the traces :-(
> > > > >
> > > > > I repaired the PCB lot by replacing the original CAPs by a
> ordinairy
> > > > > type capacitors (10 x 16v/10uF and 1 x 36v/47uF) which all fitted
> > > > > exactly in the original plastic sockets.
> > > > >
> > > > > My hint to all who did not do this exercise yet : REMOVE ALL
> > > > > CAPACITORS on the CAR PCB!
> > > > >
> > > > > Anyone has an idea what to put on the green soldermask that
> has been
> > > > > damaged by the acid? I have removed the bad parts, shiny copper is
> > > > > displayed now... have to covered by something I suppose.
> > > > >
> > > > > Again, THANKS for all the comments en observations!
> > > > >
> > > > > Vy 73, de Kees.
> > > > >
> > > > >
> > > > > --- In TS-850_450_690@yahoogroups.com, Rob Frohne <rob.frohne@>
> > wrote:
> > > > > >
> > > > > > Hi All,
> > > > > >
> > > > > > I found some notes on the web at:
> > > > > >
> > > > > > http://www.cqham.ru/ts850repair.htm
> > > > > >
> > > > > > Those suggested it might be D31 and it was!
> > > > > >
> > > > > > Thanks everyone for the tips!
> > > > > >
> > > > > > 73,
> > > > > >
> > > > > > Rob, KL7NA
> > > > > >
> > > > > > On Wed, 2008-05-14 at 23:08 -0700, Rob Frohne wrote:
> > > > > > > Hi Everyone,
> > > > > > >
> > > > > > > One more note. I don't think it is the Carrier board
> putting the
> > > > 0.88

> > > > > > > volts on the TXB line, as I removed the white ribbon cable
> > > that TXB
> > > > > > > comes in on and the 0.88 volts remained. I forgot to note that
> > > in my
> > > > > > > previous post.
> > > > > > > >
> > > > > > > 73,
> > > > > > > >
> > > > > > > Rob
> > > > > > > >
> > > > > > > On Wed, 2008-05-14 at 22:53 -0700, Rob Frohne wrote:
> > > > > > > > Hi Clif, et. al.,
> > > > > > > >
> > > > > > > > You were dead right on the C1 leaking and shorting out TXB.
> > > Way to
> > > > > > > go
> > > > > > > > Clif!
> > > > > > > >
> > > > > > > > I still have a problem though. Something on the TXB line is
> > > putting
> > > > > > > 0.88 volts on it during receive, which doesn't allow RXB to
> > > turn on
> > > > > > > to
> > > > > > > > 8
> > > > > > > > volts. If I short TXB to ground, there is 30 mA that flows
> > > through
> > > > > > > the
> > > > > > > > short and RXB comes on and the receiver appears to work
> > > fine. The
> > > > > > > > problem I face is that TXB goes to a lot of different places
> > > in the
> > > > > > > > rig,
> > > > > > > > and figuring out which one is putting the 0.88 volts on
> > the line
> > > > > > > during
> > > > > > > > receive is very tedious at best. Does anyone have any ideas
> > > on how
> > > > > > > best
> > > > > > > > to chase this down?
> > > > > > > >
> > > > > > > > When the problem was still intermittent I found that
> > cycling to
> > > > > > > transmit
> > > > > > > > and back to receive would often get it receiving again.
> > Now, it
> > > > > > > appears
> > > > > > > > to be pretty solid not receiving (unless I ground TXB).
> > > > > > > >
> > > > > > > > Thanks & 73,
> > > > > > > >

> > > > > > > > Rob, KL7NA
> > > > > > > > >
> > > > > > > > > On Thu, 2008-05-15 at 00:36 +0000, Clif wrote:
> > > > > > > > > > Glad to be of help. It's a common problem that I've seen a
> > > > lot of.
> > > > > > > > > > >
> > > > > > > > > > Clif
> > > > > > > > > > >
> > > > > > > > > > --- In TS-850_450_690@yahoogroups.com, Rob Frohne
> > > <rob.frohne@>
> > > > > > > > > > wrote:
> > > > > > > > > > >
> > > > > > > > > > > Hi Clif,
> > > > > > > > > > >
> > > > > > > > > > > Thanks for the tip! I think this very same thing has
> > > happened to
> > > > > > > > > > my
> > > > > > > > > > > TS-850SAT. I had traced it back to the transistor on
> > the TRX
> > > > > > > > > > sub-board
> > > > > > > > > > > (which is in turn on the IF board) which turns on
> TXB. It
> > > got so
> > > > > > > > > > hot
> > > > > > > > > > > that it melted right off the board on two terminals. I
> > > soldered
> > > > > > > > > > it
> > > > > > > > > > back
> > > > > > > > > > > in and the TXB signal turns on again, but only to 4.8
> > > volts or
> > > > > > > > > > so,
> > > > > > > > > > and
> > > > > > > > > > > the transistor is very hot in a hurry. So something is
> > > drawing a
> > > > > > > > > > ton
> > > > > > > > > > > of
> > > > > > > > > > > current from TXB. I did that tracing last night, but
> > > didn't get
> > > > > > > > > > to
> > > > > > > > > > > figuring out what cable/s took TXB off the IF board to
> > start
> > > > > > > > > > isolating
> > > > > > > > > > > the "leak." I'll check C1 on the carrier board to see if
> > > it is
> > > > > > > > > > the
> > > > > > > > > > > culprit tonight. You may have just saved me a lot of
> > > hunting for
> > > > > > > > > > the
> > > > > > > > > > > "leak."
> > > > > > > > > > >

> > > > > > > > > > 73,
> > > > > > > > > > >
> > > > > > > > > > > Rob, KL7NA
> > > > > > > > > > >
> > > > > > > > > > > On Wed, 2008-05-14 at 17:14 +0000, Clif wrote:
> > > > > > > > > > > > My money is on C1 on the carrier board. The TXB line
> > goes
> > > > > > > > under
> > > > > > > > it
> > > > > > > > and
> > > > > > > > > > > > when it leaks it shorts it to ground and you get the
> > > smell.
> > > > > > > Keep
> > > > > > > > > > > > keying it and it will take out the Tx/Rx board on
> the IF
> > > > unit.
> > > > > > > > > > > >
> > > > > > > > > > > > Clif
> > > > > > > > > > > >

7882. TS850 output power drop vs band

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-05-05 14:21:59 UTC
From: Patrick Egloff
Topic: 7882 Message: 7882

Hi All,

I have been asked for a problem on a TS850.
The power drops when going up in frequency 3.5MHz (100W) 14MHz (60W) and 28 MHz (30W).

I suggested to look for a stable ALC voltage.

Any other suggestion to cure this problem ?

73,
Patrick

--
Patrick Egloff - TK5EP
email : pegloff@...
Web page : http://tk5ep.free.fr

[Non-text portions of this message have been removed]

7884. TS-850 RTTY behavior ("Down surge" when intial xmit)

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-05-09 20:30:54 UTC
From: Bruce Sawtelle
Topic: 7884 Message: 7884

Recently, I've been seeing my TS0850 "down surge" when I first start to transmit. In th past, it usually kicks up to the 30-40 W level once it's keyed. I'm using MixW and a S/B USB sound card that all works well in other modes from what I can tell. At first I thought it might be high SWR, but I re-verifed ~1.3:1 in the 20M RTY band. I'm seeing similar behavior on the other bands as well, though. If I keep the PWR control at ~1 o'clock and mic gain at 9 o'clock, it seems to run fine. However, if I move the PWR control to 2-3 o'clock, I get this behavior. Thought I might be getting some RF back into the USB soundcard, but haven't determined that.

Anyone seen this behavior before? Almost seems like a cap in the audio path needing to be charged on the initial PTT closure.

tnx es 73
Bruce -W3NJ

7885. Update - Re: TS-850 RTTY behavior ("Down surge" when intial xmit)

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-05-09 20:43:41 UTC
From: Bruce Sawtelle
Topic: 7884 Message: 7885

I forgot to mention that if I immediately re-transmit (i.e .within 1-2 seconds), it comes up to the normal levels, thus the reason I think it's some capacitive-charging type action. f I wait 3-4 seconds, I get the same "down surge" then recovery for the balance of the transmission. Also, I just confirmed the same action when I run MFSK16, so it's not RTTY specific.

--- In TS-850_450_690@yahoogroups.com, "Bruce Sawtelle" <W3NJ@...> wrote:
>
> Recently, I've been seeing my TS0850 "down surge" when I first start to transmit. In th past, it usually kicks up to the 30-40 W level once it's keyed. I'm using MixW and a S/B USB sound card that all works well in other modes from what I can tell. At first I thought it might be high SWR, but I re-verifed ~1.3:1 in the 20M RTY band. I'm seeing similar behavior on the other bands as well, though. If I keep the PWR control at ~1 o'clock and mic gain at 9 o'clock, it seems to run fine. However, if I move the PWR control to 2-3 o'clock, I get this behavior. Thought I might be getting some RF back into the USB soundcard, but haven't determined that.
>
> Anyone seen this behavior before? Almost seems like a cap in the audio path needing to be charged on the initial PTT closure.
>
> tnx es 73
> Bruce -W3NJ
>

7886. Re: TS-850 RTTY behavior ("Down surge" when intial xmit)

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-05-09 22:35:17 UTC
From: Dave wej
Topic: 7884 Message: 7886

if it does it on voice, there is a service bulletin about alc variances and it sounds like your is doing it.

check the carrier board caps, for leakage

Dave Garber
VE3WEJ/VE3IE

info should be in the files area of the user group website

Dave Garber
VE3WEJ/VE3IE

[Non-text portions of this message have been removed]

7887. Update - Re: TS-850 RTTY behavior ("Down surge" when intial xmit)

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-05-09 22:38:23 UTC
From: Clif
Topic: 7884 Message: 7887

Put it in CW mode and key it down at 100w. If the power out goes up and down search for DC/DC converter in this group, tells all about it.

Clif

--- In TS-850_450_690@yahoogroups.com, "Bruce Sawtelle" <W3NJ@...> wrote:
>
> I forgot to mention that if I immediately re-transmit (i.e .within 1-2 seconds), it comes up to the normal levels, thus the reason I think it's some capacitive-charging type action. f I wait 3-4 seconds, I get the same "down surge" then recovery for the balance of the transmission. Also, I just confirmed the same action when I run MFSK16, so it's not RTTY specific.
>
> --- In TS-850_450_690@yahoogroups.com, "Bruce Sawtelle" <W3NJ@> wrote:
> >
> > Recently, I've been seeing my TS0850 "down surge" when I first start to transmit. In th past, it usually kicks up to the 30-40 W level once it's keyed. I'm using MixW and a S/B USB sound card that all works well in other modes from what I can tell. At first I thought it might be high SWR, but I re-verifed ~1.3:1 in the 20M RTY band. I'm seeing similar behavior on the other bands as well, though. If I keep the PWR control at ~1 o'clock and mic gain at 9 o'clock, it seems to run fine. However, if I move the PWR control to 2-3 o'clock, I get this behavior. Thought I might be getting some RF back into the USB soundcard, but haven't determined that.
> >
> > Anyone seen this behavior before? Almost seems like a cap in the audio path needing to be charged on the initial PTT closure.
> >
> > tnx es 73
> > Bruce -W3NJ
> >
>

7888. TS850 receive start up problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-05-10 08:48:15 UTC
From: Tracey Gardner
Topic: 7888 Message: 7888

I have acquired a TS850 which has been in storage for some three years since its previous owner passed away.
On powering it up, I just get a load of wideband noise for the first 90 seconds or so and then it sounds as though the tuning is being turned very rapidly with stations whizzing through the passband.
It sounds very much to me as though the synthesiser is not locking?
After about 90 seconds, signals are received but tuning the receiver too quickly seems to "unlock" the synthesiser again and it takes a full 5 minutes before it settles down completely and works as expected.

I know that this fault existed when its previous owner had it but he didn't get round to having it fixed due to his circumstances at that time.

Before I start delving into the rig, is this fault a common one and if so what is causing it etc.

I haven't fired it up yet on transmit as I thought that I had better get the receiver working as it should do, first.

Many thanks

Tracey G5VU

7889. TS-850 RTTY behavior ("Down surge" when intiial xmit)

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-05-10 15:16:20 UTC
From: W3NJ@aol.com
Topic: 7889 Message: 7889

Thanks Dave and Clif for the info.

I may have the answer after some testing this morning.

?I noticed yesterday it's was a bit windy. Even though I didn't see a change in SWR yesterday (with antenna tuner disabled naturally), I did notice with key down CW it would "wiggle" at a slow rate of about a 1 Hz over one meter "segment" (i.e. 100W to 90W). Somewhat in time with the coax going to the antenna.

When I tested this morning with virtually no wind, I don't see the" wiggle" and the initial RTTY amplitude is right at 40W as expected, no downsurge

So I'm going to keep your suggestions in mind and when I open up the 850 again, check out the caps and DC-DC converter. But for the short term, looks like I need to do some maintenance on mymultiband dipole (I'm thinking the balun may have some issues, as we experienced some 2-3" hail that beat the daylights out of my roof? and trees....suspect the balun may be damaged.)

tnx agn es 73

Bruce-W3NJ

-----Original Message-----
From: TS-850_450_690@yahoogroups.com
To: TS-850_450_690@yahoogroups.com
Sent: Sun, 10 May 2009 2:56 am
Subject: [TS-850_450_690] Digest Number 2028

There are 4 messages in this issue.

Topics in this digest:

1a. TS-850 RTTY behavior ("Down surge" when intial xmit)
From: Bruce Sawtelle
1b. Update - Re: TS-850 RTTY behavior ("Down surge" when intial xmit)
From: Bruce Sawtelle
1c. Re: TS-850 RTTY behavior ("Down surge" when intial xmit)
From: Dave wej
1d. Update - Re: TS-850 RTTY behavior ("Down surge" when intial xmit)
From: Clif

Messages

1a. TS-850 RTTY behavior ("Down surge" when intial xmit)
Posted by: "Bruce Sawtelle" W3NJ@... w3njbruce
Date: Sat May 9, 2009 1:31 pm ((PDT))

Recently, I've been seeing my TS0850 "down surge" when I first start to transmit. In th past, it usually kicks up to the 30-40 W level once it's keyed. I'm using MixW and a S/B USB sound card that all works well in other modes from what I can tell. At first I thought it might be high SWR, but I re-verifed ~1.3:1 in the 20M RTY band. I'm seeing similar behavior on the other bands as well, though. If I keep the PWR control at ~1 o'clock and mic gain at 9 o'clock, it seems to run fine. However, if I move the PWR control to 2-3 o'clock, I get this behavior. Thought I might be getting some RF back into the USB soundcard, but haven't determined that.

Anyone seen this behavior before? Almost seems like a cap in the audio path needing to be charged on the initial PTT closure.

tnx es 73
Bruce -W3NJ

Messages in this topic (4)

1b. Update - Re: TS-850 RTTY behavior ("Down surge" when intial xmit)
Posted by: "Bruce Sawtelle" W3NJ@... w3njbruce
Date: Sat May 9, 2009 1:44 pm ((PDT))

I forgot to mention that if I immediately re-transmit (i.e .within 1-2 seconds), it comes up to the normal levels, thus the reason I think it's some capacitive-charging type action. f I wait 3-4 seconds, I get the same "down surge" then recovery for the balance of the transmission. Also, I just confirmed the same action when I run MFSK16, so it's not RTTY specific.

--- In TS-850_450_690@yahoogroups.com, "Bruce Sawtelle" <W3NJ@...> wrote:
>
> Recently, I've been seeing my TS0850 "down surge" when I first start to transmit. In th past, it usually kicks up to the 30-40 W level once it's keyed. I'm using MixW and a S/B USB sound card that all works well in other modes from what I can tell. At first I thought it might be high SWR, but I re-verifed ~1.3:1 in the 20M RTY band. I'm seeing similar behavior on the other bands as well, though. If I keep the PWR control at ~1 o'clock and mic gain at 9 o'clock, it seems to run fine. However, if I move the PWR control to 2-3 o'clock, I get this behavior. Thought I might be getting some RF back into the USB soundcard, but haven't determined that.
>
> Anyone seen this behavior before? Almost seems like a cap in the audio path needing to be charged on the initial PTT closure.
>
> tnx es 73
> Bruce -W3NJ
>

Messages in this topic (4)

1c. Re: TS-850 RTTY behavior ("Down surge" when intial xmit)
Posted by: "Dave wej" ve3wej@... ve3wej
Date: Sat May 9, 2009 3:36 pm ((PDT))

if it does it on voice, there is a service bulletin about alc variances and it sounds like your is doing it.

check the carrier board caps, for leakage

Dave Garber
VE3WEJ/VE3IE

info should be in the files area of the user group website

Dave Garber
VE3WEJ/VE3IE

[Non-text portions of this message have been removed]

Messages in this topic (4)

1d. Update - Re: TS-850 RTTY behavior ("Down surge" when intial xmit)
Posted by: "Clif" clif@... avvidclif
Date: Sat May 9, 2009 3:38 pm ((PDT))

Put it in CW mode and key it down at 100w. If the power out goes up and down search for DC/DC converter in this group, tells all about it.

Clif

--- In TS-850_450_690@yahoogroups.com, "Bruce Sawtelle" <W3NJ@...> wrote:
>
> I forgot to mention that if I immediately re-transmit (i.e .within 1-2 seconds), it comes up to the normal levels, thus the reason I think it's some capacitive-charging type action. f I wait 3-4 seconds, I get the same "down surge" then recovery for the balance of the transmission. Also, I just confirmed the same action when I run MFSK16, so it's not RTTY specific.
> >
> > --- In TS-850_450_690@yahoogroups.com, "Bruce Sawtelle" <W3NJ@> wrote:
> > >
> > > Recently, I've been seeing my TS0850 "down surge" when I first start to transmit. In th past, it usually kicks up to the 30-40 W level once it's keyed. I'm using MixW and a S/B USB sound card that all works well in other modes from what I can tell. At first I thought it might be high SWR, but I re-verifed ~1.3:1 in the 20M RTY band. I'm seeing similar behavior on the other bands as well, though. If I keep the PWR control at ~1 o'clock and mic gain at 9 o'clock, it seems to run fine. However, if I move the PWR control to 2-3 o'clock, I get this behavior. Thought I might be getting some RF back into the USB soundcard, but haven't determined that.
> > >
> > > Anyone seen this behavior before? Almost seems like a cap in the audio path needing to be charged on the initial PTT closure.
> > >
> > > tnx es 73
> > > Bruce -W3NJ
> > >
> >

Messages in this topic (4)

THANKS FOR USING TS-850_450_690@...

Yahoo! Groups Links

[Non-text portions of this message have been removed]

7890. Then again (DC- DC) .....Re: TS-850 RTTY behavior ("Down surge" on intiial xmit)

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-05-10 21:05:27 UTC
From: Bruce Sawtelle
Topic: 7889 Message: 7890

OK, I can tell Dave and Clif are definitely seasoned on the TS-850. After reading their messages more, I tried another test but letting the TS-850 cool down for an hour. Despite the wind picking up this afternoon and the antenna/coax swaying, I had a solid signal (CW and RTTY) for the first 30 minutes or so. After 30 minutes, I started to see the "pulsing" associated with the DC-DC converter board failure I've read about in the Files section as well.

Considering the unit is over 20 years old, can't complain about replacing a ~$10 board. While I'm at it, I'm going to check on caps, batteries, gas discharge tube, and see if I can do the noise blanker mod. Already have the all band xmit for MARS operations.

Guess I'll need to dig out my old Atlas while I have the Kenwood on the bench :-)

tnx agn Dave and Clif for your insights.

--- In TS-850_450_690@yahoogroups.com, W3NJ@... wrote:
>
>
> Thanks Dave and Clif for the info.
>
>
>
> I may have the answer after some testing this morning.
>
>
>
> ?I noticed yesterday it's was a bit windy. Even though I didn't see a change in SWR yesterday (with antenna tuner disabled naturally), I did notice with key down CW it would "wiggle" at a slow rate of about a 1 Hz over one meter "segment" (i.e. 100W to 90W). Somewhat in time with the coax going to the antenna.
>
>
>
> When I tested this morning with virtually no wind, I don't see the" wiggle" and the initial RTTY amplitude is right at 40W as expected, no downsurge
>
> So I'm going to keep your suggestions in mind and when I open up the
> 850 again, check out the caps and DC-DC converter. But for the short
> term, looks like I need to do some maintenance on mymultiband dipole (I'm thinking the balun may have some issues, as we experienced some 2-3" hail that beat the daylights out of my roof? and trees....suspect the balun may be damaged.)
>
>
>
> tnx agn es 73

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>
>
> Bruce-W3NJ
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>
> -----Original Message-----
> From: TS-850_450_690@yahoogroups.com
> To: TS-850_450_690@yahoogroups.com
> Sent: Sun, 10 May 2009 2:56 am
> Subject: [TS-850_450_690] Digest Number 2028
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>
> There are 4 messages in this issue.
>
> Topics in this digest:
>
> 1a. TS-850 RTTY behavior ("Down surge" when intial xmit)
> From: Bruce Sawtelle
> 1b. Update - Re: TS-850 RTTY behavior ("Down surge" when intial xmit)
> From: Bruce Sawtelle
> 1c. Re: TS-850 RTTY behavior ("Down surge" when intial xmit)
> From: Dave wej
> 1d. Update - Re: TS-850 RTTY behavior ("Down surge" when intial xmit)
> From: Clif
>
>
> Messages
> ____
> 1a. TS-850 RTTY behavior ("Down surge" when intial xmit)
> Posted by: "Bruce Sawtelle" W3NJ@... w3njbruce
> Date: Sat May 9, 2009 1:31 pm ((PDT))
>
> Recently, I've been seeing my TS0850 "down surge" when I first start to
> transmit. In th past, it usually kicks up to the 30-40 W level once it's keyed.
> I'm using MixW and a S/B USB sound card that all works well in other modes from
> what I can tell. At first I thought it might be high SWR, but I re-verifed
> ~1.3:1 in the 20M RTY band. I'm seeing similar behavior on the other bands as

> well, though. If I keep the PWR control at ~1 o'clock and mic gain at 9 o'clock,
> it seems to run fine. However, if I move the PWR control to 2-3 o'clock, I get
> this behavior. Thought I might be getting some RF back into the USB soundcard,
> but haven't determined that.
>
> Anyone seen this behavior before? Almost seems like a cap in the audio path
> needing to be charged on the initial PTT closure.
>
> tnx es 73
> Bruce -W3NJ
>
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>
> Messages in this topic (4)
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> 1b. Update - Re: TS-850 RTTY behavior ("Down surge" when intial xmit)
> Posted by: "Bruce Sawtelle" W3NJ@... w3njbruce
> Date: Sat May 9, 2009 1:44 pm ((PDT))
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> I forgot to mention that if I immediately re-transmit (i.e .within 1-2 seconds),
> it comes up to the normal levels, thus the reason I think it's some
> capacitive-charging type action. f I wait 3-4 seconds, I get the same "down
> surge" then recovery for the balance of the transmission. Also, I just confirmed
> the same action when I run MFSK16, so it's not RTTY specific.
>
> --- In TS-850_450_690@yahoogroups.com, "Bruce Sawtelle" <W3NJ@> wrote:
> >
> > Recently, I've been seeing my TS0850 "down surge" when I first start to
> transmit. In th past, it usually kicks up to the 30-40 W level once it's keyed.
> I'm using MixW and a S/B USB sound card that all works well in other modes from
> what I can tell. At first I thought it might be high SWR, but I re-verifed
> ~1.3:1 in the 20M RTY band. I'm seeing similar behavior on the other bands as
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> it seems to run fine. However, if I move the PWR control to 2-3 o'clock, I get
> this behavior. Thought I might be getting some RF back into the USB soundcard,
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> needing to be charged on the initial PTT closure.
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> > tnx es 73
> > Bruce -W3NJ
> >
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>
> Messages in this topic (4)
> --
> 1c. Re: TS-850 RTTY behavior ("Down surge" when intial xmit)
> Posted by: "Dave wej" ve3wej@... ve3wej
> Date: Sat May 9, 2009 3:36 pm ((PDT))
>
> if it does it on voice, there is a service bulletin about alc variances and it
> sounds like your is doing it.
>
>
> check the carrier board caps, for leakage
>
> Dave Garber
> VE3WEJ/VE3IE
>
> info should be in the files area of the user group website
>
> Dave Garber
> VE3WEJ/VE3IE
>
> [Non-text portions of this message have been removed]
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>
> Messages in this topic (4)
> --
> 1d. Update - Re: TS-850 RTTY behavior ("Down surge" when intial xmit)
> Posted by: "Clif" clif@... avvidclif
> Date: Sat May 9, 2009 3:38 pm ((PDT))
>
> Put it in CW mode and key it down at 100w. If the power out goes up and down
> search for DC/DC converter in this group, tells all about it.
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "Bruce Sawtelle" <W3NJ@> wrote:
> >
> > I forgot to mention that if I immediately re-transmit (i.e .within 1-2
> seconds), it comes up to the normal levels, thus the reason I think it's some
> capacitive-charging type action. f I wait 3-4 seconds, I get the same "down
> surge" then recovery for the balance of the transmission. Also, I just confirmed
> the same action when I run MFSK16, so it's not RTTY specific.
> >
> > --- In TS-850_450_690@yahoogroups.com, "Bruce Sawtelle" <W3NJ@> wrote:

> > >
> > > Recently, I've been seeing my TS0850 "down surge" when I first start to
> transmit. In th past, it usually kicks up to the 30-40 W level once it's keyed.
> I'm using MixW and a S/B USB sound card that all works well in other modes from
> what I can tell. At first I thought it might be high SWR, but I re-verifed
> ~1.3:1 in the 20M RTY band. I'm seeing similar behavior on the other bands as
> well, though. If I keep the PWR control at ~1 o'clock and mic gain at 9 o'clock,
> it seems to run fine. However, if I move the PWR control to 2-3 o'clock, I get
> this behavior. Thought I might be getting some RF back into the USB soundcard,
> but haven't determined that.
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> > > Anyone seen this behavior before? Almost seems like a cap in the audio path
> needing to be charged on the initial PTT closure.
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> > > Bruce -W3NJ
> > >
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> Messages in this topic (4)
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> THANKS FOR USING TS-850_450_690@...
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> --
> Yahoo! Groups Links
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> [Non-text portions of this message have been removed]
>

7891. sending a e-mail

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-05-10 22:58:33 UTC
From: mark smith
Topic: 7891 Message: 7891

thanks
mark
N8FTX

[Non-text portions of this message have been removed]

7892. Re: [TS-850_450_690] Then again (DC- DC) .....Re: TS-850 RTTY behavior ("Down surge" on intiial xmit)

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-05-11 13:48:30 UTC
From: kremper4-850@yahoo.com
Topic: 7889 Message: 7892

Bruce, you'll find this group is well informed. The mods are worthwhile, especially those involving moving the location of the CMOS memory backup battery and adding the ability to use a second CW key alongside the internal one. I've also done the MONI mode for CW, the noise-blanker mod, transverter interconnection, separate receive antenna and others I can't recall now. Take care when working on the rig and all should come out well. If you don't feel comfortable doing the mods yourself, err on the side of caution.

I recommend you use a digital camera and take lots of pictures of the various sections of your rig before and after the mods.

We're especially blessed to have Clif Hollander's input on so much of the Kenwood material.

73,

Paul / N1FB

--- On Sun, 5/10/09, Bruce Sawtelle <W3NJ@...> wrote:

From: Bruce Sawtelle <W3NJ@...>
Subject: [TS-850_450_690] Then again (DC- DC) .....Re: TS-850 RTTY behavior ("Down surge" on intiial xmit)
To: TS-850_450_690@yahoogroups.com
Date: Sunday, May 10, 2009, 5:05 PM

OK, I can tell Dave and Clif are definitely seasoned on the TS-850. After reading their messages more, I tried another test but letting the TS-850 cool down for an hour. Despite the wind picking up this afternoon and the antenna/coax swaying, I had a solid signal (CW and RTTY) for the first 30 minutes or so. After 30 minutes, I started to see the "pulsing" associated with the DC-DC converter board failure I've read about in the Files section as well.

Considering the unit is over 20 years old, can't complain about replacing a ~$10 board. While I'm at it, I'm going to check on caps, batteries, gas discharge tube, and see if I can do the noise blanker mod. Already have the all band xmit for MARS operations.

Guess I'll need to dig out my old Atlas while I have the Kenwood on the bench :-)

tnx agn Dave and Clif for your insights.

--- In TS-850_450_690@ yahoogroups. com, W3NJ@... wrote:
>
>
> Thanks Dave and Clif for the info.
>
>
>

> I may have the answer after some testing this morning.
>
>
>
> ?I noticed yesterday it's was a bit windy. Even though I didn't see a change in SWR yesterday (with antenna tuner disabled naturally), I did notice with key down CW it would "wiggle" at a slow rate of about a 1 Hz over one meter "segment" (i.e. 100W to 90W). Somewhat in time with the coax going to the antenna.
>
>
>
> When I tested this morning with virtually no wind, I don't see the" wiggle" and the initial RTTY amplitude is right at 40W as expected, no downsurge
>
> So I'm going to keep your suggestions in mind and when I open up the
> 850 again, check out the caps and DC-DC converter. But for the short
> term, looks like I need to do some maintenance on mymultiband dipole (I'm thinking the balun may have some issues, as we experienced some 2-3" hail that beat the daylights out of my roof? and trees....suspect the balun may be damaged.)
>
>
>
> tnx agn es 73
>
>
>
> Bruce-W3NJ
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>
> -----Original Message-----
> From: TS-850_450_690@ yahoogroups. com
> To: TS-850_450_690@ yahoogroups. com
> Sent: Sun, 10 May 2009 2:56 am
> Subject: [TS-850_450_ 690] Digest Number 2028
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> Topics in this digest:
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> 1a. TS-850 RTTY behavior ("Down surge" when intial xmit)
> From: Bruce Sawtelle
> 1b. Update - Re: TS-850 RTTY behavior ("Down surge" when intial xmit)
> From: Bruce Sawtelle
> 1c. Re: TS-850 RTTY behavior ("Down surge" when intial xmit)
> From: Dave wej
> 1d. Update - Re: TS-850 RTTY behavior ("Down surge" when intial xmit)
> From: Clif
>
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> Messages
> _____ _____ _____ _____ _____ _____ _
> 1a. TS-850 RTTY behavior ("Down surge" when intial xmit)
> Posted by: "Bruce Sawtelle" W3NJ@... w3njbruce
> Date: Sat May 9, 2009 1:31 pm ((PDT))
>
> Recently, I've been seeing my TS0850 "down surge" when I first start to
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> Messages in this topic (4)
> _____ _____ _____ _____ _____ _____ _
> 1b. Update - Re: TS-850 RTTY behavior ("Down surge" when intial xmit)
> Posted by: "Bruce Sawtelle" W3NJ@... w3njbruce
> Date: Sat May 9, 2009 1:44 pm ((PDT))
>
> I forgot to mention that if I immediately re-transmit (i.e .within 1-2 seconds),
> it comes up to the normal levels, thus the reason I think it's some
> capacitive-charging type action. f I wait 3-4 seconds, I get the same "down
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> the same action when I run MFSK16, so it's not RTTY specific.

>
> --- In TS-850_450_690@ yahoogroups. com, "Bruce Sawtelle" <W3NJ@> wrote:
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> > Recently, I've been seeing my TS0850 "down surge" when I first start to
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> > Bruce -W3NJ
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>
> Messages in this topic (4)
> ___________ _________ _________ _________ _________ _________ _
> 1c. Re: TS-850 RTTY behavior ("Down surge" when intial xmit)
> Posted by: "Dave wej" ve3wej@... ve3wej
> Date: Sat May 9, 2009 3:36 pm ((PDT))
>
> if it does it on voice, there is a service bulletin about alc variances and it
> sounds like your is doing it.
>
>
> check the carrier board caps, for leakage
>
> Dave Garber
> VE3WEJ/VE3IE
>
> info should be in the files area of the user group website
>
> Dave Garber
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>
> [Non-text portions of this message have been removed]
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> Messages in this topic (4)
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> 1d. Update - Re: TS-850 RTTY behavior ("Down surge" when intial xmit)
> Posted by: "Clif" clif@... avvidclif
> Date: Sat May 9, 2009 3:38 pm ((PDT))
>
> Put it in CW mode and key it down at 100w. If the power out goes up and down
> search for DC/DC converter in this group, tells all about it.
>
> Clif
>
> --- In TS-850_450_690@ yahoogroups. com, "Bruce Sawtelle" <W3NJ@> wrote:
> >
> > I forgot to mention that if I immediately re-transmit (i.e .within 1-2
> seconds), it comes up to the normal levels, thus the reason I think it's some
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> > --- In TS-850_450_690@ yahoogroups. com, "Bruce Sawtelle" <W3NJ@> wrote:
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> > > Recently, I've been seeing my TS0850 "down surge" when I first start to
> transmit. In th past, it usually kicks up to the 30-40 W level once it's keyed.
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> Messages in this topic (4)
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>
> THANKS FOR USING TS-850_450_690@ ...
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> ------------ --------- --------- --------- --------- --------- -
> Yahoo! Groups Links
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> [Non-text portions of this message have been removed]
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[Non-text portions of this message have been removed]

7893. Part source for X59-3680-01 sub-unit TRX in Europe ???

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-05-12 20:07:48 UTC
From: f5rds
Topic: 7893 Message: 7893

Hello,

This TRX sub-unit has failed on my TS-850s (Q152 has exploded following a C1 failure on CAR unit). I have found this small board available on www.partstore.com and on www.pacparts.com. However, none of these sites seems to accept to ship outside of US.
Does anyone know how to get this from France ?
Many thanks for your possible help.

Regards,
Olivier, F5RDS

7894. Re: [TS-850_450_690] Part source for X59-3680-01 sub-unit TRX in Europe ???

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-05-12 20:26:51 UTC
From: Dave wej
Topic: 7893 Message: 7894

try one of these places

Please see below our network of Amateur Radio Repair Agents in the UK.

Dealers are listed in county order.

ESSEX

Waters & Stanton
22 Main Road Hockley
Essex
SS5 4QS
Tel: 01702 206835
Fax: 01702 205843
E-mail: service@...
Website: www.wsplc.com

MONTGOMERYSHIRE

Castle Electronics
Tanybryn
Pool Road
Llanfair Caereinion
Welshpool, Powys
SY21 0HN
Tel no: 01938 810778
E-mail: geoffcastleelectronics@...

HAMPSHIRE

Nevada Electronics
Unit 1 Fitzherbert Spur
Farlington
Portsmouth
PO6 1TT
E-mail: sales@...
Tel: 02392 313090
Fax: 02392 313091

SURREY

Martin Lynch & Sons
Outline House
Guildford Street
Chertsey
Surrey

KT16 9AS
E-mail: sales@...
Tel: 0845 2300 599
Fax: 01932 567 222

Dave Garber
VE3WEJ/VE3IE

Does anyone know how to get this from France ?
Many thanks for your possible help.

Regards,
Olivier, F5RDS

7895. Re: [TS-850_450_690] Part source for X59-3680-01 sub-unit TRX in Europe ???

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-05-12 20:47:39 UTC
From: Colin Thomson
Topic: 7893 Message: 7895

Hi,

> This TRX sub-unit has failed on my TS-850s (Q152 has exploded following a C1
> failure on CAR unit). I have found this small board available on
> www.partstore.com and on www.pacparts.com. However, none of these sites
> seems to accept to ship outside of US.
> Does anyone know how to get this from France ?
> Many thanks for your possible help.

I have used East Coast Transistor many many times and they ship to the
EU, they do show the part in stock:.

http://www.kenwoodparts.com/index.htm

73 Colin - G6AVK

7896. Re: [TS-850_450_690] Part source for X59-3680-01 sub-unit TRX in Europe ???

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-05-12 21:18:07 UTC
From: John McCash
Topic: 7893 Message: 7896

Oliver,
East Coast Transistor ship to Europe with no probs i have used them many times for parts and they ship very quick. click on link for more info...
cheers......John

http://www.kenwoodparts.com/index.htm

--- On Tue, 12/5/09, f5rds <f5rds@...> wrote:

From: f5rds <f5rds@...>
Subject: [TS-850_450_690] Part source for X59-3680-01 sub-unit TRX in Europe ???
To: TS-850_450_690@yahoogroups.com
Date: Tuesday, 12 May, 2009, 8:07 PM

Hello,

This TRX sub-unit has failed on my TS-850s (Q152 has exploded following a C1 failure on CAR unit). I have found this small board available on www.partstore. com and on www.pacparts. com. However, none of these sites seems to accept to ship outside of US.
Does anyone know how to get this from France ?
Many thanks for your possible help.

Regards,
Olivier, F5RDS

[Non-text portions of this message have been removed]

7897. TS-850 Main Tuning Knob Set Screw Size

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-05-13 19:36:18 UTC
From: kremper4-850@yahoo.com
Topic: 7897 Message: 7897

Can someone identify the wrench type and size used on the TS-850 main tuning knob?

I've tried about 20 Allen and Bristo wrenches and they're all apparently either too small, too large or the wrong type; I don't want to force anything. From what I can determine, the Service Manual doesn't identify the setscrew used.

Tnx es 73,

Paul / N1FB

[Non-text portions of this message have been removed]

7898. Re: TS-850 Main Tuning Knob Set Screw Size

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-05-13 20:38:04 UTC
From: Clif
Topic: 7897 Message: 7898

1.5mm

Clif

--- In TS-850_450_690@yahoogroups.com, kremper4-850@... wrote:
>
> Can someone identify the wrench type and size used on the TS-850 main tuning knob?
>
> I've tried about 20 Allen and Bristo wrenches and they're all apparently either too small, too large or the wrong type; I don't want to force anything. From what I can determine, the Service Manual doesn't identify the setscrew used.
>
> Tnx es 73,
>
> Paul / N1FB
>
>
> [Non-text portions of this message have been removed]
>

7899. Re: [TS-850_450_690] Re: TS-850 Main Tuning Knob Set Screw Size

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-05-13 21:22:02 UTC
From: kremper4-850@yahoo.com
Topic: 7897 Message: 7899

I knew if anyone had the answer, it would be you.

Thanks again, Clif!

73,

Paul / N1FB

--- On Wed, 5/13/09, Clif <clif@...> wrote:

From: Clif <clif@...>
Subject: [TS-850_450_690] Re: TS-850 Main Tuning Knob Set Screw Size
To: TS-850_450_690@yahoogroups.com
Date: Wednesday, May 13, 2009, 4:38 PM

1.5mm

Clif

--- In TS-850_450_690@ yahoogroups. com, kremper4-850@ ... wrote:
>
> Can someone identify the wrench type and size used on the TS-850 main tuning knob?
>
> I've tried about 20 Allen and Bristo wrenches and they're all apparently either too small, too large or the wrong type; I don't want to force anything. From what I can determine, the Service Manual doesn't identify the setscrew used.
>
> Tnx es 73,
>
> Paul / N1FB
>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

7900. Ym 66312

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-05-14 13:17:14 UTC
From: ha5ti_1
Topic: 7900 Message: 7900

Hello,

I would like to buy 4 or 8 YM 66312 IC-s. There are only some pixels on the display of my TS850 from x.323 KHz to x.499 na x.823 to x.999 KHz and UL in morse , PLL is not locking. It is working from x.500 to x.823, but there is no good received signal. Transmitter is working everywhere. Signal on test point TP1 carrier board 1.75V.

73 DX Pista HA5TI

7901. Re: [TS-850_450_690] Ym 66312

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-05-14 20:00:34 UTC
From: kremper4-850@yahoo.com
Topic: 7900 Message: 7901

Pista, sorry to say, you are going to find those ICs very difficult to locate. Kenwood no longer has any stock, the manufacturer who made them for Kenwood is no longer making those ICs, and no Kenwood parts suppliers of which I am aware has them in stock or is able to get them.

If you find such ICs offered for sale, you had better ensure they are *really* those ICs and not bogus ones that are other types and have had their identity changed.

In the recent past, there has been a flood of messages concerning those ICs (check the Yahoo group archives) and no one, to my knowledge, has found a legitimate source for the real YM6631 (early version) or YM66312 (later version) ICs.

I wish you good luck! You may need to purchase a CAR Unit from someone who is parting out a TS-850.

73,

Paul / N1FB

--- On Thu, 5/14/09, ha5ti_1 <rofike@...> wrote:

From: ha5ti_1 <rofike@...>
Subject: [TS-850_450_690] Ym 66312
To: TS-850_450_690@yahoogroups.com
Date: Thursday, May 14, 2009, 9:17 AM

Hello,

I would like to buy 4 or 8 YM 66312 IC-s. There are only some pixels on the display of my TS850 from x.323 KHz to x.499 na x.823 to x.999 KHz and UL in morse , PLL is not locking. It is working from x.500 to x.823, but there is no good received signal. Transmitter is working everywhere. Signal on test point TP1 carrier board 1.75V.

73 DX Pista HA5TI

[Non-text portions of this message have been removed]

7902. sm220 station monitor

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-05-17 01:50:19 UTC
From: spark500001
Topic: 7902 Message: 7902

hi was wondering what radios would work best with the kenwood sm 220 im sure someone must have one.
thanks in advance
Mark
N8FTX

7903. Re: [TS-850_450_690] sm220 station monitor

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-05-17 02:01:08 UTC
From: Dave wej
Topic: 7902 Message: 7903

depends on how you are hooking it up....

Dave Garber
VE3WEJ/VE3IE

----- Original Message -----
From: spark500001
To: TS-850_450_690@yahoogroups.com
Sent: Saturday, May 16, 2009 9:50 PM
Subject: [TS-850_450_690] sm220 station monitor

hi was wondering what radios would work best with the kenwood sm 220 im sure someone must have one.
thanks in advance
Mark
N8FTX

[Non-text portions of this message have been removed]

7904. Re: sm220 station monitor

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-05-17 02:41:49 UTC
From: k2bk_1
Topic: 7902 Message: 7904

--- In TS-850_450_690@yahoogroups.com, "spark500001" <spark500001@...> wrote:
>
> hi was wondering what radios would work best with the kenwood sm 220 im sure someone must have one.
> thanks in advance
> Mark
> N8FTX
>

I have two of them (with BS-8s).

They work 830, 850. 940, 950, and perhaps others - plus they are great for trapezoid tuning with linear amplifiers.

K2BK

7905. new member with question.

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-05-20 22:47:00 UTC
From: k2vi
Topic: 7905 Message: 7905

Hello to all.

I just purchased a real nice 450sAT. The serial # is 610000131 so it was made in late 1994. Question is how hard of a job is it to remove the litium battery and run wires to relocate the battery with a battery holder and where would i get the holder and battery? Maybe i should just drive it up to kenwood 4 miles from my QTH. What would they charge to do this. I hate to leave it in there and have it damage the radio.Thanks to all.

tony k2vi

[Non-text portions of this message have been removed]

7906. Re: [TS-850_450_690] new member with question.

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-05-21 21:28:23 UTC
From: Dave wej
Topic: 7905 Message: 7906

1: why change the battery, is the memory dead.
2: battery holders and sometimes batteries are free if you take the (unsolder) from most computers
3: cost at kenwood??? ask them.. they may only replace original, not move it

most electronic places have the battery holder and a cr2032 battery

good luck

----- Original Message -----
From: k2vi
To: TS-850_450_690@yahoogroups.com
Sent: Wednesday, May 20, 2009 6:47 PM
Subject: [TS-850_450_690] new member with question.

Hello to all.

I just purchased a real nice 450sAT. The serial # is 610000131 so it was made in late 1994. Question is how hard of a job is it to remove the litium battery and run wires to relocate the battery with a battery holder and where would i get the holder and battery? Maybe i should just drive it up to kenwood 4 miles from my QTH. What would they charge to do this. I hate to leave it in there and have it damage the radio.Thanks to all.

tony k2vi

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

7907. TS 850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-05-21 23:11:50 UTC
From: wdwd1999
Topic: 769 Message: 7907

How much is a as new ts 850sat 61 mill with ssb yk88sn and yk88c filters the matching speakers and the power supply worth? this stuff is as close to out of the box new as a man can get. Thanks Harold n5tog

7908. Re: [TS-850_450_690] TS 850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-05-22 03:09:33 UTC
From: Crownhaven
Topic: 769 Message: 7908

A grand, $1200?????????? Depends on whether the battery has leaked all
over the circuit board or not. If that is the case, less.

Steve, N4JQQ

wdwd1999 wrote:
>
>
> How much is a as new ts 850sat 61 mill with ssb yk88sn and yk88c
> filters the matching speakers and the power supply worth? this stuff
> is as close to out of the box new as a man can get. Thanks Harold n5tog
>
>

7909. DC-DC converter (X59-1100-00

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-05-23 18:18:34 UTC
From: Bruce Sawtelle
Topic: 7909 Message: 7909

Based on my ALC "pumping" when I transmit, I've ordered a replacement DC-DC converter. Wanted to let folks know that the ship date is June 24th, so they must have a big demand or they are building them in batches with nothing in stock.

As some background, has anyone debugged the board to confirm what the failed component is? I've seen some mention of the caps and a rumor that some had them in backwards. With the little circuitry on the board, I assume it must be a single component failure. Once I get mine replaced, I think I'll do a bit of probing on the old one to see what's what.

tnx es 73

Bruce - W3NJ

7910. Re: [TS-850_450_690] DC-DC converter (X59-1100-00

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-05-23 20:24:19 UTC
From: Tom Kutz
Topic: 7909 Message: 7910

Bruce,

Check out :
http://n6tr.jzap.com/850repair.html#ALC_voltage_problem

ON7GO describes the problem and an easy fix to the tee. I replaced R2 and R3 with 18K 1/4 watt ones right on the board and my ALC returned to normal operation. Fix took about 15 minutes.

Tom

----- Original Message -----
From: Bruce Sawtelle
To: TS-850_450_690@yahoogroups.com
Sent: Saturday, May 23, 2009 1:18 PM
Subject: [TS-850_450_690] DC-DC converter (X59-1100-00

Based on my ALC "pumping" when I transmit, I've ordered a replacement DC-DC converter. Wanted to let folks know that the ship date is June 24th, so they must have a big demand or they are building them in batches with nothing in stock.

As some background, has anyone debugged the board to confirm what the failed component is? I've seen some mention of the caps and a rumor that some had them in backwards. With the little circuitry on the board, I assume it must be a single component failure. Once I get mine replaced, I think I'll do a bit of probing on the old one to see what's what.

tnx es 73

Bruce - W3NJ

[Non-text portions of this message have been removed]

7911. TS-850 Receiver dies

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-05-24 00:20:57 UTC
From: kremper4-850@yahoo.com
Topic: 7911 Message: 7911

I wonder if anyone has experienced a TS-850 receiver problem such as the one I'm trying to troubleshoot. A friend's TS-850 developed this problem during Field Day 2008.

The problem manifests itself in different, albeit similar, ways. Intermittently, the receiver will fail to return after transmit. In each instance, there is just dead silence. Tapping the key to produce a dot or dash, or pressing the mike PTT button, will generally bring the receiver back to life. The audio section is functioning during the receiver failure.

Many times, just turning on the transceiver results in no receiver activity. Again, tapping the key or pressing the mike's PTT switch will wake the receiver.

In SSB mode, I've noticed that the receiver will suddenly die; I've not experienced this happening in CW mode.

I noticed, too, that without a ground connection to the transceiver, merely disconnecting and reconnecting the antenna PL-259 to the SO-239 socket (be it a dummy load or other antenna) results in killing the receiver.

I've tried bypassing the T-R relay and internal antenna tuner without benefit. The CAR Unit board caps are OK.

The TXB and RXB voltages on the RF board appear to be right on.

I'd appreciate any input that can steer me in the proper direction.

73,

Paul / N1FB

[Non-text portions of this message have been removed]

7912. Re: TS-850 Receiver dies

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-05-24 01:14:08 UTC
From: dsh_0403
Topic: 7911 Message: 7912

--- In TS-850_450_690@yahoogroups.com, kremper4-850@... wrote:
>
> I wonder if anyone has experienced a TS-850 receiver problem such as the one I'm trying to troubleshoot. A friend's TS-850 developed this problem during Field Day 2008.
>
> The problem manifests itself in different, albeit similar, ways. Intermittently, the receiver will fail to return after transmit. In each instance, there is just dead silence. Tapping the key to produce a dot or dash, or pressing the mike PTT button, will generally bring the receiver back to life. The audio section is functioning during the receiver failure.
>
> Many times, just turning on the transceiver results in no receiver activity. Again, tapping the key or pressing the mike's PTT switch will wake the receiver.
>
> In SSB mode, I've noticed that the receiver will suddenly die; I've not experienced this happening in CW mode.
>
> I noticed, too, that without a ground connection to the transceiver, merely disconnecting and reconnecting the antenna PL-259 to the SO-239 socket (be it a dummy load or other antenna) results in killing the receiver.
>
> I've tried bypassing the T-R relay and internal antenna tuner without benefit. The CAR Unit board caps are OK.
>
> The TXB and RXB voltages on the RF board appear to be right on.
>
> I'd appreciate any input that can steer me in the proper direction.
>
> 73,
>
> Paul / N1FB
>
> [Non-text portions of this message have been removed]
>

This is a long shot since all your symptoms do not exactly fit mine, but I had a problem with the audio completely disappearing, often when the 850 was first turned on. Sometimes rotating the volume control back and forth helped - other times it didn't. In any case, I found my problem to be that the contacts on the external speaker jack located on the rear apron that routes the audio to the internal speaker, when there is no external speaker, were intermittent. I had a hard time figuring it out because I normally never used the rig with an external speaker. You might try plugging in an external speaker of some sort and see if the problem disappears. As I said a long shot, but it shouldn't take much effort to rule it out for sure.

7913. Re: [TS-850_450_690] Re: TS-850 Receiver dies

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-05-24 11:50:03 UTC
From: kremper4-850@yahoo.com
Topic: 7911 Message: 7913

Thanks for your suggestion. I had experienced the external-speaker jack and dirty volume control problems on another rig, so thse are two more of the items I tried with the current one, but they didn't pan out.

I suspected the squelch control and hear a "thump" as it's rotated, so I'm eliminating that, too.

73,

Paul / N1FB

--- On Sat, 5/23/09, dsh_0403 <kenwoodts850@...> wrote:

From: dsh_0403 <kenwoodts850@hsd.ignorelist.com>
Subject: [TS-850_450_690] Re: TS-850 Receiver dies
To: TS-850_450_690@yahoogroups.com
Date: Saturday, May 23, 2009, 9:14 PM

--- In TS-850_450_690@ yahoogroups. com, kremper4-850@ ... wrote:
>
> I wonder if anyone has experienced a TS-850 receiver problem such as the one I'm trying to troubleshoot. A friend's TS-850 developed this problem during Field Day 2008.
>
> The problem manifests itself in different, albeit similar, ways. Intermittently, the receiver will fail to return after transmit. In each instance, there is just dead silence. Tapping the key to produce a dot or dash, or pressing the mike PTT button, will generally bring the receiver back to life. The audio section is functioning during the receiver failure.
>
> Many times, just turning on the transceiver results in no receiver activity. Again, tapping the key or pressing the mike's PTT switch will wake the receiver.
>
> In SSB mode, I've noticed that the receiver will suddenly die; I've not experienced this happening in CW mode.
>
> I noticed, too, that without a ground connection to the transceiver, merely disconnecting and reconnecting the antenna PL-259 to the SO-239 socket (be it a dummy load or other antenna) results in killing the receiver.
>
> I've tried bypassing the T-R relay and internal antenna tuner without benefit. The CAR Unit board caps are OK.
>
> The TXB and RXB voltages on the RF board appear to be right on.
>
> I'd appreciate any input that can steer me in the proper direction.
>

> 73,
>
> Paul / N1FB
>
> [Non-text portions of this message have been removed]
>

This is a long shot since all your symptoms do not exactly fit mine, but I had a problem with the audio completely disappearing, often when the 850 was first turned on. Sometimes rotating the volume control back and forth helped - other times it didn't. In any case, I found my problem to be that the contacts on the external speaker jack located on the rear apron that routes the audio to the internal speaker, when there is no external speaker, were intermittent. I had a hard time figuring it out because I normally never used the rig with an external speaker. You might try plugging in an external speaker of some sort and see if the problem disappears. As I said a long shot, but it shouldn't take much effort to rule it out for sure.

[Non-text portions of this message have been removed]

7914. Re: DC-DC converter (X59-1100-00

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-05-24 12:36:15 UTC
From: Bruce Sawtelle
Topic: 7909 Message: 7914

Thanks Tom,

Great link, very informative. I calculated the multivibrator freq tobe ~ 15KHz, so will confirm that as well. I see a note about the caps on the board may also be suspect, so I'll get a few of those just in case.

tnx agn es 73

Bruce-W3NJ

--- In TS-850_450_690@yahoogroups.com, "Tom Kutz" <tkutz@...> wrote:
>
> Bruce,
>
> Check out :
> http://n6tr.jzap.com/850repair.html#ALC_voltage_problem
>
> ON7GO describes the problem and an easy fix to the tee. I replaced R2 and R3 with 18K 1/4 watt ones right on the board and my ALC returned to normal operation. Fix took about 15 minutes.
>
> Tom
>
>
>
> ----- Original Message -----
> From: Bruce Sawtelle
> To: TS-850_450_690@yahoogroups.com
> Sent: Saturday, May 23, 2009 1:18 PM
> Subject: [TS-850_450_690] DC-DC converter (X59-1100-00
>
>
>
>
>
>
> Based on my ALC "pumping" when I transmit, I've ordered a replacement DC-DC converter. Wanted to let folks know that the ship date is June 24th, so they must have a big demand or they are building them in batches with nothing in stock.
>
> As some background, has anyone debugged the board to confirm what the failed component is? I've seen some mention of the caps and a rumor that some had them in backwards. With the little circuitry on the board, I assume it must be a single component failure. Once I get mine replaced, I think I'll do a bit of probing on the old one to see what's what.
>
> tnx es 73
>

> Bruce - W3NJ
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

7915. Re: TS-850 Receiver dies

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-05-24 11:28:42 UTC
From: simmonsroh
Topic: 7911 Message: 7915

Check the connection from the SO-239 to the circuit board. I had the same exact symptoms 2 years ago on my TS-450S and it turned to be a cold solder joint.

73,

NX8G

--- In TS-850_450_690@yahoogroups.com, kremper4-850@... wrote:
>
> I wonder if anyone has experienced a TS-850 receiver problem such as the one I'm trying to troubleshoot. A friend's TS-850 developed this problem during Field Day 2008.
>
> The problem manifests itself in different, albeit similar, ways. Intermittently, the receiver will fail to return after transmit. In each instance, there is just dead silence. Tapping the key to produce a dot or dash, or pressing the mike PTT button, will generally bring the receiver back to life. The audio section is functioning during the receiver failure.
>
> Many times, just turning on the transceiver results in no receiver activity. Again, tapping the key or pressing the mike's PTT switch will wake the receiver.
>
> In SSB mode, I've noticed that the receiver will suddenly die; I've not experienced this happening in CW mode.
>
> I noticed, too, that without a ground connection to the transceiver, merely disconnecting and reconnecting the antenna PL-259 to the SO-239 socket (be it a dummy load or other antenna) results in killing the receiver.
>
> I've tried bypassing the T-R relay and internal antenna tuner without benefit. The CAR Unit board caps are OK.
>
> The TXB and RXB voltages on the RF board appear to be right on.
>
> I'd appreciate any input that can steer me in the proper direction.
>
> 73,
>
> Paul / N1FB
>
> [Non-text portions of this message have been removed]
>

7916. Re: TS-850 Receiver dies

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-05-24 16:56:43 UTC
From: Clif
Topic: 7911 Message: 7916

Q15 on the IF unit.

Clif

--- In TS-850_450_690@yahoogroups.com, kremper4-850@... wrote:
>
> I wonder if anyone has experienced a TS-850 receiver problem such as the one I'm trying to troubleshoot. A friend's TS-850 developed this problem during Field Day 2008.
>
> The problem manifests itself in different, albeit similar, ways. Intermittently, the receiver will fail to return after transmit. In each instance, there is just dead silence. Tapping the key to produce a dot or dash, or pressing the mike PTT button, will generally bring the receiver back to life. The audio section is functioning during the receiver failure.
>
> Many times, just turning on the transceiver results in no receiver activity. Again, tapping the key or pressing the mike's PTT switch will wake the receiver.
>
> In SSB mode, I've noticed that the receiver will suddenly die; I've not experienced this happening in CW mode.
>
> I noticed, too, that without a ground connection to the transceiver, merely disconnecting and reconnecting the antenna PL-259 to the SO-239 socket (be it a dummy load or other antenna) results in killing the receiver.
>
> I've tried bypassing the T-R relay and internal antenna tuner without benefit. The CAR Unit board caps are OK.
>
> The TXB and RXB voltages on the RF board appear to be right on.
>
> I'd appreciate any input that can steer me in the proper direction.
>
> 73,
>
> Paul / N1FB
>
> [Non-text portions of this message have been removed]
>

7917. Re: [TS-850_450_690] Re: TS-850 Receiver dies

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-05-24 21:08:17 UTC
From: kremper4-850@yahoo.com
Topic: 7911 Message: 7917

I was praying you'd provide a suggestion, Clif. I'm off to the Service Manual now.

73,

Paul / N1FB

--- On Sun, 5/24/09, Clif <clif@avvid.com> wrote:

From: Clif <clif@...>
Subject: [TS-850_450_690] Re: TS-850 Receiver dies
To: TS-850_450_690@yahoogroups.com
Date: Sunday, May 24, 2009, 12:56 PM

Q15 on the IF unit.

Clif

--- In TS-850_450_690@ yahoogroups. com, kremper4-850@ ... wrote:
>
> I wonder if anyone has experienced a TS-850 receiver problem such as the one I'm trying to troubleshoot. A friend's TS-850 developed this problem during Field Day 2008.
>
> The problem manifests itself in different, albeit similar, ways. Intermittently, the receiver will fail to return after transmit. In each instance, there is just dead silence. Tapping the key to produce a dot or dash, or pressing the mike PTT button, will generally bring the receiver back to life. The audio section is functioning during the receiver failure.
>
> Many times, just turning on the transceiver results in no receiver activity. Again, tapping the key or pressing the mike's PTT switch will wake the receiver.
>
> In SSB mode, I've noticed that the receiver will suddenly die; I've not experienced this happening in CW mode.
>
> I noticed, too, that without a ground connection to the transceiver, merely disconnecting and reconnecting the antenna PL-259 to the SO-239 socket (be it a dummy load or other antenna) results in killing the receiver.
>
> I've tried bypassing the T-R relay and internal antenna tuner without benefit. The CAR Unit board caps are OK.
>
> The TXB and RXB voltages on the RF board appear to be right on.
>
> I'd appreciate any input that can steer me in the proper direction.
>
> 73,
>

> Paul / N1FB
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

7918. ACC 4

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-05-25 15:32:19 UTC
From: David
Topic: 7918 Message: 7918

I would like to power an external digital device from my TS-850. I suspect that the ACC4 may have 12v, but I can not find it in the Instruction Manual schematics. Does ACC4 have 12v DC on any of it's pins?

7919. Re: [TS-850_450_690] ACC 4

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-05-25 15:54:53 UTC
From: kremper4-850@yahoo.com
Topic: 7918 Message: 7919

Check this

http://www.radioamateur.eu/schemi/ACC_matching/Kenwood_AT-300_user.pdf

73,

Paul / N1FB

--- On Mon, 5/25/09, David <wa9c@yahoo.com> wrote:

From: David <wa9c@...>
Subject: [TS-850_450_690] ACC 4
To: TS-850_450_690@yahoogroups.com
Date: Monday, May 25, 2009, 11:32 AM

I would like to power an external digital device from my TS-850. I suspect that the ACC4 may have 12v, but I can not find it in the Instruction Manual schematics. Does ACC4 have 12v DC on any of it's pins?

[Non-text portions of this message have been removed]

7920. Re: [TS-850_450_690] Re: TS-850 Receiver dies

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-05-25 15:56:37 UTC
From: kremper4-850@yahoo.com
Topic: 7911 Message: 7920

Thanks for your suggestion. I think Clif's nailed the problem as being Q15 on the IF board.

73,

Paul / N1FB

--- On Sun, 5/24/09, simmonsroh <simmonsr@...> wrote:

From: simmonsroh <simmonsr@...>
Subject: [TS-850_450_690] Re: TS-850 Receiver dies
To: TS-850_450_690@yahoogroups.com
Date: Sunday, May 24, 2009, 7:28 AM

Check the connection from the SO-239 to the circuit board. I had the same exact symptoms 2 years ago on my TS-450S and it turned to be a cold solder joint.

73,

NX8G

--- In TS-850_450_690@ yahoogroups. com, kremper4-850@ ... wrote:
>
> I wonder if anyone has experienced a TS-850 receiver problem such as the one I'm trying to troubleshoot. A friend's TS-850 developed this problem during Field Day 2008.
>
> The problem manifests itself in different, albeit similar, ways. Intermittently, the receiver will fail to return after transmit. In each instance, there is just dead silence. Tapping the key to produce a dot or dash, or pressing the mike PTT button, will generally bring the receiver back to life. The audio section is functioning during the receiver failure.
>
> Many times, just turning on the transceiver results in no receiver activity. Again, tapping the key or pressing the mike's PTT switch will wake the receiver.
>
> In SSB mode, I've noticed that the receiver will suddenly die; I've not experienced this happening in CW mode.
>
> I noticed, too, that without a ground connection to the transceiver, merely disconnecting and reconnecting the antenna PL-259 to the SO-239 socket (be it a dummy load or other antenna) results in killing the receiver.
>
> I've tried bypassing the T-R relay and internal antenna tuner without benefit. The CAR Unit board caps are OK.
>
> The TXB and RXB voltages on the RF board appear to be right on.
>
> I'd appreciate any input that can steer me in the proper direction.

>
> 73,
>
> Paul / N1FB
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

7921. TS-850 ACC 4 Socket Info

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-05-25 18:00:20 UTC
From: kremper4-850@yahoo.com
Topic: 7921 Message: 7921

Probing the ACC 4 socket with my voltmeter shows that the bottom-right socket hole provides 13.8 V dc. Because the AT-300 manual states that that tuner requires a maximum of 2 A, it seems logical to assume that ACC 4 will supply that amount of current.

This document I found likely provides the information you need

http://www.ham-kits.com/KWTuner/KWT%20technical%20description.pdf

better than the AT-300 manual I referred you to earlier.

73,

Paul / N1FB

[Non-text portions of this message have been removed]

7922. Re: [TS-850_450_690] TS-850 ACC 4 Socket Info

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-05-25 20:08:48 UTC
From: Dave ve3wej
Topic: 7921 Message: 7922

that plug is also why there is a 3 amp ato fuse on the rear of the radio...

I got lucky to find the connector, and wired the if232c and my tnc to it... no my radio controls those devices....

Dave ve3wej

----- Original Message -----
From: kremper4-850@...
To: wa9c@... ; TS-850 Yahoo
Sent: Monday, May 25, 2009 1:00 PM
Subject: [TS-850_450_690] TS-850 ACC 4 Socket Info

Probing the ACC 4 socket with my voltmeter shows that the bottom-right socket hole provides 13.8 V dc. Because the AT-300 manual states that that tuner requires a maximum of 2 A, it seems logical to assume that ACC 4 will supply that amount of current.

This document I found likely provides the information you need

http://www.ham-kits.com/KWTuner/KWT%20technical%20description.pdf

better than the AT-300 manual I referred you to earlier.

73,

Paul / N1FB

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

7923. TS-850S Lithium Battery Replacement

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-05-25 22:02:15 UTC
From: k9nk@sbcglobal.net
Topic: 7923 Message: 7923

How important is it to replace the Lithum battery on a TS-850S if I do not intent to use any memory functions. I was thinking of removing it and not replacing it. Can I get some comments if this is not a good idea. The battery is fine and is still working, but it is the original battery on a rig that was originally bought in 1996. I just wanted to remove it before a battery leak happens.

Thanks for the feedback -- Norm K9NK

7924. Re: [TS-850_450_690] TS-850S Lithium Battery Replacement

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-05-25 22:28:04 UTC
From: kremper4-850@yahoo.com
Topic: 7923 Message: 7924

Norm, I suggest you move it and replace it; the cells are cheap enough.

73,

Paul / N1FB

--- On Mon, 5/25/09, k9nk@... <k9nk@sbcglobal.net> wrote:

From: k9nk@... <k9nk@...>
Subject: [TS-850_450_690] TS-850S Lithium Battery Replacement
To: TS-850_450_690@yahoogroups.com
Date: Monday, May 25, 2009, 6:02 PM

How important is it to replace the Lithum battery on a TS-850S if I do not intent to use any memory functions. I was thinking of removing it and not replacing it. Can I get some comments if this is not a good idea. The battery is fine and is still working, but it is the original battery on a rig that was originally bought in 1996. I just wanted to remove it before a battery leak happens.

Thanks for the feedback -- Norm K9NK

[Non-text portions of this message have been removed]

7925. More TS-850 ACC 4 Socket Info

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-05-25 22:35:01 UTC
From: kremper4-850@yahoo.com
Topic: 7925 Message: 7925

Here's a scan of the Service Manual schematic regarding the "EXT.AT" connector. Unfortunately, I've not been able to locate a Kenwood part number for it!

73,

Paul / N1FB

--- On Mon, 5/25/09, kremper4-850@...m <kremper4-850@...> wrote:

From: kremper4-850@... <kremper4-850@...>
Subject: TS-850 ACC 4 Socket Info
To: wa9c@..., "TS-850 Yahoo" <TS-850_450_690@yahoogroups.com>
Date: Monday, May 25, 2009, 2:00 PM

Probing the ACC 4 socket with my voltmeter shows that the bottom-right socket hole provides 13.8 V dc. Because the AT-300 manual states that that tuner requires a maximum of 2 A, it seems logical to assume that ACC 4 will supply that amount of current.

This document I found likely provides the information you need

http://www.ham-kits.com/KWTuner/KWT%20technical%20description.pdf

better than the AT-300 manual I referred you to earlier.

73,

Paul / N1FB

[Non-text portions of this message have been removed]

7926. RE: [TS-850_450_690] TS-850S Lithium Battery Replacement

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-05-26 11:35:24 UTC
From: Robert Hunter
Topic: 7923 Message: 7926

I replaced mine last year and it was still good. Someone somewhere had one leak and ruin the PCB so I decided to pull mine.

It was a major disassembly to get to it and so I jumpered some wires to a R.S. battery holder so I can get to it easily next time. Also I have a DRU-2 and replaced that battery as well. The battery there I might add never worked, the memory did if I left the radio on.

There are some helpful hint in this groups Yahoo site.

Bob NG2P

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com] On Behalf Of k9nk@...
Sent: Monday, May 25, 2009 6:02 PM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] TS-850S Lithium Battery Replacement

How important is it to replace the Lithum battery on a TS-850S if I do not intent to use any memory functions. I was thinking of removing it and not replacing it. Can I get some comments if this is not a good idea. The battery is fine and is still working, but it is the original battery on a rig that was originally bought in 1996. I just wanted to remove it before a battery leak happens.

Thanks for the feedback -- Norm K9NK

[Non-text portions of this message have been removed]

7927. Re: TS-850S Lithium Battery Replacement

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-05-26 19:48:17 UTC
From: mm3cbo
Topic: 7923 Message: 7927

--- In TS-850_450_690@yahoogroups.com, "k9nk@..." <k9nk@...> wrote:
>
> How important is it to replace the Lithum battery on a TS-850S if I do not intent to use any memory functions. I was thinking of removing it and not replacing it. Can I get some comments if this is not a good idea. The battery is fine and is still working, but it is the original battery on a rig that was originally bought in 1996. I just wanted to remove it before a battery leak happens.
>
> Thanks for the feedback -- Norm K9NK
>
its a good idea to re-locate the battery if you are going to hang on to the radio for a long time,prevention is better than cure as they say, ive already done the job for a friend and didnt find it difficult,ive posted photos in the photo section of the job i done and the radio was an 850s....jm

7928. TS850 low SSB power

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-05-26 21:19:09 UTC
From: rovntoma
Topic: 7928 Message: 7928

Hallo,my 850SAT on 10m band(I have only 10m antenna) get in SSB mode 50-70w only.In CW and FM is going over 100w.I tried set VR6,7(alc) with no luck.Start TX with strong voice is 100w OK(ALC meter is going ower zone)but then with normal voice output is peaking to 70w.I am using mc60 without preamp and increased mic gain is not increase power,only audio level.How is possible set output power properly to 100w?
My 850SAT is S/N 3040XXXX and SWR is 1:1,5
(My secondary 450SAT give little over 100w with the same antenna,PS and mic.I remeber,that I must set VR15 to 100w power a few years ago)

7929. Re: TS850 low SSB power

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-05-27 11:09:54 UTC
From: javijust
Topic: 7928 Message: 7929

Same problem at mine. In 10 meters at full power SSB only 50W in SSB.

Any sugestions?

EA3EYD

7930. Re: TS850 low SSB power

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-05-27 15:50:09 UTC
From: Clif
Topic: 7928 Message: 7930

Buy a true peak reading meter.

100w in CW on an average reading meter will show 100w, it's a constant level. In SSB it will usually only show 30-50w because the voice level is not constant therefore the power level is constantly changing but the averaging meter cannot respond that fast so only show the AVG power. If the ALC is moving then the radio is putting out 100w on peaks. The ALC indicates how much the radio has to turn down to not exceed 100w. The harder you shout the higher it reads because it's turning down to not exceed 100w.

Clif

--- In TS-850_450_690@yahoogroups.com, "javijust" <vxjf@...> wrote:
>
> Same problem at mine. In 10 meters at full power SSB only 50W in SSB.
>
> Any sugestions?
>
> EA3EYD
>

7931. Re: TS850 low SSB power

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-05-27 16:12:24 UTC
From: rovntoma
Topic: 7928 Message: 7931

Thanks for answer Clif.I know about it,but anyway I need little more
SSB power.Simple question:It is possible get a little more power on SSB without seting VR6,7 or MIC gain?

--- In TS-850_450_690@yahoogroups.com, "Clif" <clif@...> wrote:
>
> Buy a true peak reading meter.
>
> 100w in CW on an average reading meter will show 100w, it's a constant level. In SSB it will usually only show 30-50w because the voice level is not constant therefore the power level is constantly changing but the averaging meter cannot respond that fast so only show the AVG power. If the ALC is moving then the radio is putting out 100w on peaks. The ALC indicates how much the radio has to turn down to not exceed 100w. The harder you shout the higher it reads because it's turning down to not exceed 100w.
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "javijust" <vxjf@> wrote:
> >
> > Same problem at mine. In 10 meters at full power SSB only 50W in SSB.
> >
> > Any sugestions?
> >
> > EA3EYD
> >
>

7932. SV: [TS-850_450_690] Re: TS850 low SSB power

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-05-27 16:20:04 UTC
From: Samir Popaja
Topic: 7928 Message: 7932

Is any chance to see ALC moving when TS-850S is in TRANSVERTER (p50 in manual: 4-19 When used as the master machine for the transverter) mode?

73☐ SM7VZX

Från: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
För rovntoma
Skickat: den 27 maj 2009 18:12
Till: TS-850_450_690@yahoogroups.com
Ämne: [TS-850_450_690] Re: TS850 low SSB power

Thanks for answer Clif.I know about it,but anyway I need little more SSB power.Simple question:It is possible get a little more power on SSB without seting VR6,7 or MIC gain?

--- In TS-850_450_690@yahoogroups.com <mailto:TS-850_450_690%40yahoogroups.com> , "Clif" <clif@...> wrote:
>
> Buy a true peak reading meter.
>
> 100w in CW on an average reading meter will show 100w, it's a constant level. In SSB it will usually only show 30-50w because the voice level is not constant therefore the power level is constantly changing but the averaging meter cannot respond that fast so only show the AVG power. If the ALC is moving then the radio is putting out 100w on peaks. The ALC indicates how much the radio has to turn down to not exceed 100w. The harder you shout the higher it reads because it's turning down to not exceed 100w.
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com <mailto:TS-850_450_690%40yahoogroups.com> , "javijust" <vxjf@> wrote:
> >
> > Same problem at mine. In 10 meters at full power SSB only 50W in SSB.
> >
> > Any sugestions?
> >
> > EA3EYD
> >
>

_____ Information from ESET Smart Security, version of virus signature database 4107 (20090527) _____

The message was checked by ESET Smart Security.

http://www.eset.com

[Non-text portions of this message have been removed]

7933. Re: TS850 low SSB power

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-05-28 01:45:36 UTC
From: Clif
Topic: 7928 Message: 7933

Sure, buy an amp or a TS480HX. When the power is turned up past design level they tend to get dirty, not making you very popular on the bands. Unless of course, you are a US Childrens Bander and they won't notice...

Clif

--- In TS-850_450_690@yahoogroups.com, "rovntoma" <330at112@...> wrote:
>
> Thanks for answer Clif.I know about it,but anyway I need little more
> SSB power.Simple question:It is possible get a little more power on SSB without seting VR6,7 or MIC gain?
>
>
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>
> --- In TS-850_450_690@yahoogroups.com, "Clif" <clif@> wrote:
> >
> > Buy a true peak reading meter.
> >
> > 100w in CW on an average reading meter will show 100w, it's a constant level. In SSB it will usually only show 30-50w because the voice level is not constant therefore the power level is constantly changing but the averaging meter cannot respond that fast so only show the AVG power. If the ALC is moving then the radio is putting out 100w on peaks. The ALC indicates how much the radio has to turn down to not exceed 100w. The harder you shout the higher it reads because it's turning down to not exceed 100w.
> >
> > Clif
> >
> > --- In TS-850_450_690@yahoogroups.com, "javijust" <vxjf@> wrote:
> > >
> > > Same problem at mine. In 10 meters at full power SSB only 50W in SSB.
> > >
> > > Any sugestions?
> > >
> > > EA3EYD
> > >
> >
>

7934. Re: new member with question.

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-05-28 05:32:16 UTC
From: w4jz
Topic: 7905 Message: 7934

Tony,I would take the top cover off & look to see if it is leaking. If not measure the voltage & if around 3 volts I would put the cover back on.

My in-laws was bought in December of 94 & I just took the cover off theirs for the first time to fix the PLL circuit & battery was in good condition and had 3.4 volts.

Mine was bought in Sept. of 95 & when I checked it a few years ago it had just started to leak. It still had over 3 volts. I cut the old one out leaving enough metal to solder a battery holder. I ran wires to holder & believe I placed it in the opening near antenna tuner. Taped it up real good to keep it from shorting to the tuner or case.

I got holder & battery at Radio Shack. I believe I used CR2032 battery. Funny my TS-50s battery only lasted around 5 years. I had to use the solder type battery with it. Kenwood charged me a nice price for the solder type. I couldn't find one here locally.

You'll enjoy the 450! They are great rigs! I use a Heil mike element (non dx element) with mine & get great audio reports.

Reed W4JZ

--- In TS-850_450_690@yahoogroups.com, "k2vi" <k2vi@...> wrote:
>
> Hello to all.
>
> I just purchased a real nice 450sAT. The serial # is 610000131 so it was made in late 1994. Question is how hard of a job is it to remove the litium battery and run wires to relocate the battery with a battery holder and where would i get the holder and battery? Maybe i should just drive it up to kenwood 4 miles from my QTH. What would they charge to do this. I hate to leave it in there and have it damage the radio.Thanks to all.
>
> tony k2vi
>
> [Non-text portions of this message have been removed]
>

7935. Re: TS850 low SSB power

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-05-28 05:47:53 UTC
From: rovntoma
Topic: 7928 Message: 7935

Thanks Clif
I compare 450S and 850S face to face.The 450 getting peak SSB 100w with measured 20A peaking current,the 850 peaking 70w with 15A current drain.It is a comparable radios,contains the same finals and comparable circuits.I think problem will be in ALC circuit or any caps leaks,when VR7 not helped.I will try VR1 in filter unit for ALC frequency charakteristic accordind service manual.
Any peoples getting over 100w (120-130)from this radios,but it is not good for the finals life and "clean" output.I looking for standart factory SSB adjustments with 100w peaking with normal speaking voice when 20A peaking current is draining.

--- In TS-850_450_690@yahoogroups.com, "Clif" <clif@...> wrote:
>
> Sure, buy an amp or a TS480HX. When the power is turned up past design level they tend to get dirty, not making you very popular on the bands. Unless of course, you are a US Childrens Bander and they won't notice...
>
> Clif
>
>
> --- In TS-850_450_690@yahoogroups.com, "rovntoma" <330at112@> wrote:
> >
> > Thanks for answer Clif.I know about it,but anyway I need little more
> > SSB power.Simple question:It is possible get a little more power on SSB without seting VR6,7 or MIC gain?
> >
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> > --- In TS-850_450_690@yahoogroups.com, "Clif" <clif@> wrote:
> > >
> > > Buy a true peak reading meter.
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> > > 100w in CW on an average reading meter will show 100w, it's a constant level. In SSB it will usually only show 30-50w because the voice level is not constant therefore the power level is constantly changing but the averaging meter cannot respond that fast so only show the AVG power. If the ALC is moving then the radio is putting out 100w on peaks. The ALC indicates how much the radio has to turn down to not exceed 100w. The harder you shout the higher it reads because it's turning down to not exceed 100w.
> > >
> > > Clif
> > >
> > > --- In TS-850_450_690@yahoogroups.com, "javijust" <vxjf@> wrote:

> > > >
> > > > Same problem at mine. In 10 meters at full power SSB only 50W in SSB.
> > > >
> > > > Any sugestions?
> > > >
> > > > EA3EYD
> > > >
> > >
> >
>

7936. Re: TS850 low SSB power

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-05-28 07:12:33 UTC
From: rovntoma
Topic: 7928 Message: 7936

With my pot VR7 is no possible settings power.It means setting this pot has absolutely no effect change power.(Maybe DC-DC board?)

--- In TS-850_450_690@yahoogroups.com, "rovntoma" <330at112@...> wrote:
>
> Thanks Clif
> I compare 450S and 850S face to face.The 450 getting peak SSB 100w with measured 20A peaking current,the 850 peaking 70w with 15A current drain.It is a comparable radios,contains the same finals and comparable circuits.I think problem will be in ALC circuit or any caps leaks,when VR7 not helped.I will try VR1 in filter unit for ALC frequency charakteristic accordind service manual.
> Any peoples getting over 100w (120-130)from this radios,but it is not good for the finals life and "clean" output.I looking for standart factory SSB adjustments with 100w peaking with normal speaking voice when 20A peaking current is draining.
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>
> --- In TS-850_450_690@...m, "Clif" <clif@> wrote:
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> >
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> > > > 100w in CW on an average reading meter will show 100w, it's a constant level. In SSB it will usually only show 30-50w because the voice level is not constant therefore the power level is constantly changing but the averaging meter cannot respond that fast so only

show the AVG power. If the ALC is moving then the radio is putting out 100w on peaks. The ALC indicates how much the radio has to turn down to not exceed 100w. The harder you shout the higher it reads because it's turning down to not exceed 100w.
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> > > > >
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> >
>

7937. Re: TS850 low SSB power

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-05-28 15:24:20 UTC
From: Clif
Topic: 7928 Message: 7937

What is the power output of each rig in CW mode into a dummy load?

The controls you are messing with have nothing to do with power out, one is the ALC meter adjustment and the other is a power limiting pot.

Clif

--- In TS-850_450_690@yahoogroups.com, "rovntoma" <330at112@...> wrote:
>
> Thanks Clif
> I compare 450S and 850S face to face.The 450 getting peak SSB 100w with measured 20A peaking current,the 850 peaking 70w with 15A current drain.It is a comparable radios,contains the same finals and comparable circuits.I think problem will be in ALC circuit or any caps leaks,when VR7 not helped.I will try VR1 in filter unit for ALC frequency charakteristic accordind service manual.
> Any peoples getting over 100w (120-130)from this radios,but it is not good for the finals life and "clean" output.I looking for standart factory SSB adjustments with 100w peaking with normal speaking voice when 20A peaking current is draining.
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>
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> --- In TS-850_450_690@yahoogroups.com, "Clif" <clif@> wrote:
> >
> > Sure, buy an amp or a TS480HX. When the power is turned up past design level they tend to get dirty, not making you very popular on the bands. Unless of course, you are a US Childrens Bander and they won't notice...
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> > Clif
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> >
> > --- In TS-850_450_690@yahoogroups.com, "rovntoma" <330at112@> wrote:
> > >
> > > Thanks for answer Clif.I know about it,but anyway I need little more
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> > > --- In TS-850_450_690@yahoogroups.com, "Clif" <clif@> wrote:
> > > >
> > > > Buy a true peak reading meter.
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> > > > 100w in CW on an average reading meter will show 100w, it's a constant level. In SSB it will usually only show 30-50w because the voice level is not constant therefore the power level is constantly changing but the averaging meter cannot respond that fast so only show the AVG power. If the ALC is moving then the radio is putting out 100w on peaks. The ALC indicates how much the radio has to turn down to not exceed 100w. The harder you shout the higher it reads because it's turning down to not exceed 100w.
> > > >
> > > > Clif
> > > >
> > > > --- In TS-850_450_690@yahoogroups.com, "javijust" <vxjf@> wrote:
> > > > >
> > > > > Same problem at mine. In 10 meters at full power SSB only 50W in SSB.
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> > > > > Any sugestions?
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> > > > > EA3EYD
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7938. Re: TS850 low SSB power

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-05-28 16:39:51 UTC
From: rovntoma
Topic: 7928 Message: 7938

Many thanks Clif
it is true,that not will be a common power problem.Previous owner (silent key)used it with linear amplifier.Maybe something set a little down.There is no posibility get output power in SSB mode over 75w.Increased mic gain only distorted audio,no increase SSB power.ALC is little agresive I think.The same I can get from my ts450.When I set output power knob to 75%.(No full)Then ALC is little over zone and power is 70w.

--- In TS-850_450_690@yahoogroups.com, "Clif" <clif@...> wrote:
>
> What is the power output of each rig in CW mode into a dummy load?
>
> The controls you are messing with have nothing to do with power out, one is the ALC meter adjustment and the other is a power limiting pot.
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "rovntoma" <330at112@> wrote:
> >
> > Thanks Clif
> > I compare 450S and 850S face to face.The 450 getting peak SSB 100w with measured 20A peaking current,the 850 peaking 70w with 15A current drain.It is a comparable radios,contains the same finals and comparable circuits.I think problem will be in ALC circuit or any caps leaks,when VR7 not helped.I will try VR1 in filter unit for ALC frequency charakteristic accordind service manual.
> > Any peoples getting over 100w (120-130)from this radios,but it is not good for the finals life and "clean" output.I looking for standart factory SSB adjustments with 100w peaking with normal speaking voice when 20A peaking current is draining.
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> >
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> > --- In TS-850_450_690@yahoogroups.com, "Clif" <clif@> wrote:
> > >
> > > Sure, buy an amp or a TS480HX. When the power is turned up past design level they tend to get dirty, not making you very popular on the bands. Unless of course, you are a US Childrens Bander and they won't notice...
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> > > --- In TS-850_450_690@yahoogroups.com, "rovntoma" <330at112@> wrote:
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> > > > Thanks for answer Clif.I know about it,but anyway I need little more
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> > > > >
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> > > > >
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> > > > >
> > > > > --- In TS-850_450_690@yahoogroups.com, "javijust" <vxjf@> wrote:
> > > > > >
> > > > > > Same problem at mine. In 10 meters at full power SSB only 50W in SSB.
> > > > > >
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7939. Re: TS850 low SSB power

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-05-29 00:08:33 UTC
From: Clif
Topic: 7928 Message: 7939

SHOUTING: WHAT IS THE POWER IN CW MODE? Power all the way up and car all the way up?

Clif

--- In TS-850_450_690@yahoogroups.com, "rovntoma" <330at112@...> wrote:
>
> Many thanks Clif
> it is true,that not will be a common power problem.Previous owner (silent key)used it with linear amplifier.Maybe something set a little down.There is no posibility get output power in SSB mode over 75w.Increased mic gain only distorted audio,no increase SSB power.ALC is little agresive I think.The same I can get from my ts450.When I set output power knob to 75%.(No full)Then ALC is little over zone and power is 70w.
>
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> --- In TS-850_450_690@yahoogroups.com, "Clif" <clif@> wrote:
> >
> > What is the power output of each rig in CW mode into a dummy load?
> >
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> >
> > Clif
> >
> > --- In TS-850_450_690@yahoogroups.com, "rovntoma" <330at112@> wrote:
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> > > Thanks Clif
> > > I compare 450S and 850S face to face.The 450 getting peak SSB 100w with measured 20A peaking current,the 850 peaking 70w with 15A current drain.It is a comparable radios,contains the same finals and comparable circuits.I think problem will be in ALC circuit or any caps leaks,when VR7 not helped.I will try VR1 in filter unit for ALC frequency charakteristic accordind service manual.
> > > Any peoples getting over 100w (120-130)from this radios,but it is not good for the finals life and "clean" output.I looking for standart factory SSB adjustments with 100w peaking with normal speaking voice when 20A peaking current is draining.
> > >
> > >
> > >
> > > --- In TS-850_450_690@yahoogroups.com, "Clif" <clif@> wrote:
> > > >
> > > > Sure, buy an amp or a TS480HX. When the power is turned up past design level they tend to get dirty, not making you very popular on the bands. Unless of course, you are a US Childrens Bander and they won't notice...
> > > >
> > > > Clif

> > > >
> > > >
> > > > --- In TS-850_450_690@yahoogroups.com, "rovntoma" <330at112@> wrote:
> > > > >
> > > > > Thanks for answer Clif.I know about it,but anyway I need little more
> > > > > SSB power.Simple question:It is possible get a little more power on SSB without seting VR6,7 or MIC gain?
> > > > > >
> > > > > >
> > > > > >
> > > > > >
> > > > > >
> > > > > >
> > > > > >
> > > > > > --- In TS-850_450_690@yahoogroups.com, "Clif" <clif@> wrote:
> > > > > > >
> > > > > > > Buy a true peak reading meter.
> > > > > > >
> > > > > > > 100w in CW on an average reading meter will show 100w, it's a constant level. In SSB it will usually only show 30-50w because the voice level is not constant therefore the power level is constantly changing but the averaging meter cannot respond that fast so only show the AVG power. If the ALC is moving then the radio is putting out 100w on peaks. The ALC indicates how much the radio has to turn down to not exceed 100w. The harder you shout the higher it reads because it's turning down to not exceed 100w.
> > > > > > >
> > > > > > > Clif
> > > > > > >
> > > > > > > --- In TS-850_450_690@yahoogroups.com, "javijust" <vxjf@> wrote:
> > > > > > > >
> > > > > > > > Same problem at mine. In 10 meters at full power SSB only 50W in SSB.
> > > > > > > >
> > > > > > > > Any sugestions?
> > > > > > > >
> > > > > > > > EA3EYD
> > > > > > > >
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7940. Re: [TS-850_450_690] Re: TS850 low SSB power

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-05-29 00:16:34 UTC
From: WW3S
Topic: 7928 Message: 7940

you can always inject a steady tone into the mic to check the output in SSB.

On 5/28/2009 8:08:33 PM, Clif (clif@...) wrote:
> SHOUTING: WHAT IS THE POWER IN CW MODE? Power all the way up and car all
> the way up?
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "rovntoma" <330at112@...> wrote:
> >
> > Many thanks Clif
> > it is true,that not will be a common power problem.Previous owner
> (silent key)used it with linear amplifier.Maybe something set a little
> down.
> There is no posibility get output power in SSB mode over 75w.Increased mic
> gain only distorted audio,no increase SSB power.ALC is little agresive I
> think.The same I can get from my ts450.When I set output power knob to
> 75%.
> (No full)Then ALC is little over zone and power is 70w.
> >
> >
> >
> > --- In TS-850_450_690@yahoogroups.com, "Clif" <clif@> wrote:
> > >
> > > What is the power output of each rig in CW mode into a dummy load?
> > >
> > > The controls you are messing with have nothing to do with power out,
> one is the ALC meter adjustment and the other is a power limiting pot.
> > >
> > > Clif
> > >
> > > --- In TS-850_450_690@yahoogroups.com, "rovntoma" <330at112@> wrote:
> > > >
> > > > Thanks Clif
> > > > I compare 450S and 850S face to face.The 4

7941. Re: TS850 low SSB power

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-05-29 06:30:27 UTC
From: rovntoma
Topic: 7928 Message: 7941

to Clif:I don have dummy load.When PWR knob is full and CAR knob is about half position (12 o clock)I get full CW output(100w).
Inject steady tone 1khz to microphone get constantly 100w SSB with good ALC,but speaking to MIC peaking 70w with ALC over zone.I think
that something with ALC settings is wrong.

-- In TS-850_450_690@yahoogroups.com, "WW3S" <ww3s@...> wrote:
>
> you can always inject a steady tone into the mic to check the output in SSB.
>
> On 5/28/2009 8:08:33 PM, Clif (clif@...) wrote:
> > SHOUTING: WHAT IS THE POWER IN CW MODE? Power all the way up and car all
> > the way up?
> >
> > Clif
> >
> > --- In TS-850_450_690@yahoogroups.com, "rovntoma" <330at112@> wrote:
> > >
> > > Many thanks Clif
> > > it is true,that not will be a common power problem.Previous owner
> > (silent key)used it with linear amplifier.Maybe something set a little
> > down.
> > There is no posibility get output power in SSB mode over 75w.Increased mic
> > gain only distorted audio,no increase SSB power.ALC is little agresive I
> > think.The same I can get from my ts450.When I set output power knob to
> > 75%.
> > (No full)Then ALC is little over zone and power is 70w.
> > >
> > >
> > >
> > > --- In TS-850_450_690@yahoogroups.com, "Clif" <clif@> wrote:
> > > >
> > > > What is the power output of each rig in CW mode into a dummy load?
> > > >
> > > > The controls you are messing with have nothing to do with power out,
> > one is the ALC meter adjustment and the other is a power limiting pot.
> > > >
> > > > Clif
> > > >
> > > > --- In TS-850_450_690@yahoogroups.com, "rovntoma" <330at112@> wrote:
> > > > >
> > > > > Thanks Clif
> > > > > I compare 450S and 850S face to face.The 4
>

7942. Re: [TS-850_450_690] Re: TS850 low SSB power

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-05-29 09:32:47 UTC
From: WW3S
Topic: 7928 Message: 7942

if you get a constant 100w reading when injecting a tone, everything is fine....the meter wont read fast enough to keep up with the voice peaks...I cant remember how to do it, but there is a menu option to set the meter to a peak reading meter, you may try that and see if you dont get a peak reading at 100w out, but it sounds like the radio is fine. Ask someone how it sounds on the air, thats the key, if it sounds overdriven, it is....

73, Jamie WW3S

On 5/29/2009 2:30:27 AM, rovntoma (330at112@...) wrote:
> to Clif:I don have dummy load.When PWR knob is full and CAR knob is about
> half position (12 o clock)I get full CW output(100w).
> Inject steady tone 1khz to microphone get constantly 100w SSB with good
> ALC,but speaking to MIC peaking 70w with ALC over zone.I think
> that something with ALC settings is wrong.
>
>
>
> -- In TS-850_450_690@yahoogroups.com, "WW3S" <ww3s@...> wrote:
> >
> > you can always inject a steady tone into the mic to check the output in
> SSB.
> >
> > On 5/28/2009 8:08:33 PM, Clif (clif@...) wrote:
> > > SHOUTING: WHAT IS THE POWER IN CW MODE? Power all the way up and car
> all
> > > the way up?
> > >
> > > Clif
> > >
> > > --- In TS-850_450_690@yahoogroups.com, "rovntoma" <330at112@> wrote:
> > > >
> > > > Many thanks Clif
> > > > it is true,that not will be a common power problem.Previous owner
> > > (silent key)used it with linear amplifier.Maybe something set a little
> >
> > > down.
> > > There is no posibility get output power in SSB mode over 75w.Increased
> mic
> > > gain only distorted audio,no increase SSB power.ALC is little agresive
> I
> > > think.The same

7943. Re: TS850 low SSB power

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-05-29 14:05:57 UTC
From: Clif
Topic: 7928 Message: 7943

It's working perfectly, leave it alone. Go study the difference between average power and peak power in regards to SSB transmission.

Clif

--- In TS-850_450_690@yahoogroups.com, "rovntoma" <330at112@...> wrote:
>
> to Clif:I don have dummy load.When PWR knob is full and CAR knob is about half position (12 o clock)I get full CW output(100w).
> Inject steady tone 1khz to microphone get constantly 100w SSB with good ALC,but speaking to MIC peaking 70w with ALC over zone.I think
> that something with ALC settings is wrong.
>
>
>
> -- In TS-850_450_690@yahoogroups.com, "WW3S" <ww3s@> wrote:
> >
> > you can always inject a steady tone into the mic to check the output in SSB.
> >
> > On 5/28/2009 8:08:33 PM, Clif (clif@) wrote:
> > > SHOUTING: WHAT IS THE POWER IN CW MODE? Power all the way up and car all
> > > the way up?
> > >
> > > Clif
> > >
> > > --- In TS-850_450_690@yahoogroups.com, "rovntoma" <330at112@> wrote:
> > > >
> > > > Many thanks Clif
> > > > it is true,that not will be a common power problem.Previous owner
> > > (silent key)used it with linear amplifier.Maybe something set a little
> > > down.
> > > There is no posibility get output power in SSB mode over 75w.Increased mic
> > > gain only distorted audio,no increase SSB power.ALC is little agresive I
> > > think.The same I can get from my ts450.When I set output power knob to
> > > 75%.
> > > (No full)Then ALC is little over zone and power is 70w.
> > > >
> > > >
> > > >
> > > > --- In TS-850_450_690@yahoogroups.com, "Clif" <clif@> wrote:
> > > > >
> > > > > What is the power output of each rig in CW mode into a dummy load?
> > > > >
> > > > > The controls you are messing with have nothing to do with power out,
> > > one is the ALC meter adjustment and the other is a power limiting pot.

> > > > >
> > > > > Clif
> > > > > >
> > > > > --- In TS-850_450_690@yahoogroups.com, "rovntoma" <330at112@> wrote:
> > > > > > >
> > > > > > Thanks Clif
> > > > > > I compare 450S and 850S face to face.The 4
> >
>

7944. Re: TS850 low SSB power

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-05-29 16:33:45 UTC
From: rovntoma
Topic: 7928 Message: 7944

Thanks guys
It seems good,but...
Why injected tone (stronger than voice) has good ALC?
Normal speaking voice has bad ALC.(over zone)
I have a funkcion peak meter always turned on.
I dont want nothing more only this:
(look for this video in 3 minutes and 30 seconds)
http://www.youtube.com/watch?v=_pdhyjWZyNQ
Nice peaking to 100w ALC is stable and only little over zone.My radio peaking only max to half "red zone" between 50 and 100w.My ALC started over scale after turn PTT.Peaking ALC is very high and going quickly up and down.Its not stable.Tomorow I will try measure and set ALC voltage according manual.
Thanks for any idea.
73 Tom

--- In TS-850_450_690@yahoogroups.com, "Clif" <clif@...> wrote:
>
> It's working perfectly, leave it alone. Go study the difference between average power and peak power in regards to SSB transmission.
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "rovntoma" <330at112@> wrote:
> >
> > to Clif:I don have dummy load.When PWR knob is full and CAR knob is about half position (12 o clock)I get full CW output(100w).
> > Inject steady tone 1khz to microphone get constantly 100w SSB with good ALC,but speaking to MIC peaking 70w with ALC over zone.I think
> > that something with ALC settings is wrong.
> >
> >
> >
> > -- In TS-850_450_690@yahoogroups.com, "WW3S" <ww3s@> wrote:
> > >
> > > you can always inject a steady tone into the mic to check the output in SSB.
> > >
> > > On 5/28/2009 8:08:33 PM, Clif (clif@) wrote:
> > > > SHOUTING: WHAT IS THE POWER IN CW MODE? Power all the way up and car all
> > > > the way up?
> > > >
> > > > Clif
> > > >
> > > > --- In TS-850_450_690@yahoogroups.com, "rovntoma" <330at112@> wrote:
> > > > >
> > > > > Many thanks Clif

> > > > > it is true,that not will be a common power problem.Previous owner
> > > > (silent key)used it with linear amplifier.Maybe something set a little
> > > > down.
> > > > There is no posibility get output power in SSB mode over 75w.Increased mic
> > > > gain only distorted audio,no increase SSB power.ALC is little agresive I
> > > > think.The same I can get from my ts450.When I set output power knob to
> > > > 75%.
> > > > (No full)Then ALC is little over zone and power is 70w.
> > > > >
> > > > >
> > > > >
> > > > > --- In TS-850_450_690@yahoogroups.com, "Clif" <clif@> wrote:
> > > > > >
> > > > > > What is the power output of each rig in CW mode into a dummy load?
> > > > > >
> > > > > > The controls you are messing with have nothing to do with power out,
> > > > one is the ALC meter adjustment and the other is a power limiting pot.
> > > > > >
> > > > > > Clif
> > > > > >
> > > > > > --- In TS-850_450_690@yahoogroups.com, "rovntoma" <330at112@> wrote:
> > > > > > >
> > > > > > Thanks Clif
> > > > > > I compare 450S and 850S face to face.The 4
> > > >
> > >
>

7945. Which filter?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-05-29 17:23:57 UTC
From: MM3XXW
Topic: 7945 Message: 7945

Now I know this may be a wee bit of a strange question to you more experienced type chappies but here goes!
I've recently acquired a really nice TS-450 (only the second owner!) which compliments my 850 very nicely thank-you.
It didn't come with any filters apart from the stock, now I don't use cw I'm exclusively SSB phone so I'm looking for advice on the best SSB filter to add.
Would one of the optional Kenwood filters suit or would it be worth paying a bit more for an Inrad for instance?
Any thoughts!

Regards,
Martyn
MM3XXW

7946. Re: Which filter?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-05-29 17:57:37 UTC
From: Roland Spoon
Topic: 7945 Message: 7946

Go with the Inrads they are much better than the Kenwood Filters.
By the way the Inrad Roofing filter in my 850 has made the radio 100% better on contest day on the bands.

Roland AH6RR

--- In TS-850_450_690@yahoogroups.com, "MM3XXW" <mm3xxw@...> wrote:
>
> Now I know this may be a wee bit of a strange question to you more experienced type chappies but here goes!
> I've recently acquired a really nice TS-450 (only the second owner!) which compliments my 850 very nicely thank-you.
> It didn't come with any filters apart from the stock, now I don't use cw I'm exclusively SSB phone so I'm looking for advice on the best SSB filter to add.
> Would one of the optional Kenwood filters suit or would it be worth paying a bit more for an Inrad for instance?
> Any thoughts!
>
> Regards,
> Martyn
> MM3XXW
>

7947. Re: TS850 low SSB power

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-05-29 19:23:46 UTC
From: Clif
Topic: 7928 Message: 7947

I give up. Someone else want to try???? My 2x4 is worn out.

Clif

--- In TS-850_450_690@yahoogroups.com, "rovntoma" <330at112@...> wrote:
>
> Thanks guys
> It seems good,but...
> Why injected tone (stronger than voice) has good ALC?
> Normal speaking voice has bad ALC.(over zone)
> I have a funkcion peak meter always turned on.
> I dont want nothing more only this:
> (look for this video in 3 minutes and 30 seconds)
> http://www.youtube.com/watch?v=_pdhyjWZyNQ
> Nice peaking to 100w ALC is stable and only little over zone.My radio peaking only max to half "red zone" between 50 and 100w.My ALC started over scale after turn PTT.Peaking ALC is very high and going quickly up and down.Its not stable.Tomorow I will try measure and set ALC voltage according manual.
> Thanks for any idea.
> 73 Tom
>
>
>
> --- In TS-850_450_690@yahoogroups.com, "Clif" <clif@> wrote:
> >
> > It's working perfectly, leave it alone. Go study the difference between average power and peak power in regards to SSB transmission.
> >
> > Clif
> >
> > --- In TS-850_450_690@yahoogroups.com, "rovntoma" <330at112@> wrote:
> > >
> > > to Clif:I don have dummy load.When PWR knob is full and CAR knob is about half position (12 o clock)I get full CW output(100w).
> > > Inject steady tone 1khz to microphone get constantly 100w SSB with good ALC,but speaking to MIC peaking 70w with ALC over zone.I think
> > > that something with ALC settings is wrong.
> > >
> > >
> > >
> > > -- In TS-850_450_690@yahoogroups.com, "WW3S" <ww3s@> wrote:
> > > >
> > > > you can always inject a steady tone into the mic to check the output in SSB.
> > > >
> > > > On 5/28/2009 8:08:33 PM, Clif (clif@) wrote:

> > > > > SHOUTING: WHAT IS THE POWER IN CW MODE? Power all the way up and car all
> > > > > the way up?
> > > > >
> > > > > Clif
> > > > >
> > > > > --- In TS-850_450_690@yahoogroups.com, "rovntoma" <330at112@> wrote:
> > > > > >
> > > > > Many thanks Clif
> > > > > it is true,that not will be a common power problem.Previous owner
> > > > > (silent key)used it with linear amplifier.Maybe something set a little
> > > > > down.
> > > > > There is no posibility get output power in SSB mode over 75w.Increased mic
> > > > > gain only distorted audio,no increase SSB power.ALC is little agresive I
> > > > > think.The same I can get from my ts450.When I set output power knob to
> > > > > 75%.
> > > > > (No full)Then ALC is little over zone and power is 70w.
> > > > > >
> > > > > >
> > > > > >
> > > > > > --- In TS-850_450_690@yahoogroups.com, "Clif" <clif@> wrote:
> > > > > > >
> > > > > > What is the power output of each rig in CW mode into a dummy load?
> > > > > > >
> > > > > > The controls you are messing with have nothing to do with power out,
> > > > > one is the ALC meter adjustment and the other is a power limiting pot.
> > > > > > >
> > > > > > Clif
> > > > > > >
> > > > > > --- In TS-850_450_690@yahoogroups.com, "rovntoma" <330at112@> wrote:
> > > > > > > >
> > > > > > Thanks Clif
> > > > > > I compare 450S and 850S face to face.The 4
> > > > > >
> > > > >
> > > >
> > >
>

7948. Re: Which filter?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-05-29 19:26:51 UTC
From: kb1kox
Topic: 7945 Message: 7948

Thanks Roland for that update on the roofing filter....
Let us know if you still feel the same on Monday.....
Maybe I'll get lucky and hear you this weekend
in the CQWPX!

73
Neil
AE1P

--- In TS-850_450_690@yahoogroups.com, "Roland Spoon" <Toesonnose@...> wrote:
>
> Go with the Inrads they are much better than the Kenwood Filters.
> By the way the Inrad Roofing filter in my 850 has made the radio 100% better on contest day on the bands.
>
> Roland AH6RR
>
>
> --- In TS-850_450_690@yahoogroups.com, "MM3XXW" <mm3xxw@> wrote:
> >
> > Now I know this may be a wee bit of a strange question to you more experienced type chappies but here goes!
> > I've recently acquired a really nice TS-450 (only the second owner!) which compliments my 850 very nicely thank-you.
> > It didn't come with any filters apart from the stock, now I don't use cw I'm exclusively SSB phone so I'm looking for advice on the best SSB filter to add.
> > Would one of the optional Kenwood filters suit or would it be worth paying a bit more for an Inrad for instance?
> > Any thoughts!
> >
> > Regards,
> > Martyn
> > MM3XXW
> >
>

7949. Re: [TS-850_450_690] Re: TS850 low SSB power

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-05-30 01:23:13 UTC
From: WW3S
Topic: 7928 Message: 7949

the horse is dead, just bury it....

On 5/29/2009 3:23:46 PM, Clif (clif@...) wrote:
> I give up. Someone else want to try???? My 2x4 is worn out.
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "rovntoma" <330at112@...> wrote:
> >
> > Thanks guys
> > It seems good,but...
> > Why injected tone (stronger than voice) has good ALC?
> > Normal speaking voice has bad ALC.(over zone)
> > I have a funkcion peak meter always turned on.
> > I dont want nothing more only this:
> > (look for this video in 3 minutes and 30 seconds)
> > http://www.youtube.com/watch?v=_pdhyjWZyNQ
> > Nice peaking to 100w ALC is stable and only little over zone.My radio
> peaking only max to half "red zone" between 50 and 100w.My ALC started
> over scale after turn PTT.Peaking ALC is very high and going quickly up
> and
> down.Its not stable.Tomorow I will try measure and set ALC voltage
> according manual.
> > Thanks for any idea.
> > 73 Tom
> >
> >
> >
> > --- In TS-850_450_690@yahoogroups.com, "Clif" <clif@> wrote:
> > >
> > > It's working perfectly, leave it alone. Go study the difference
> > > between average power and peak power in regards to SSB transmission.
> > >
> > > Clif
> > >
> > > --- In TS-850_450_690@yahoogroups.com, "rovntoma"

7950. Re: TS850 low SSB power

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-05-30 10:21:48 UTC
From: rovntoma
Topic: 7928 Message: 7950

Thanks for poetics answers,but "problem" persist.
see my upload (sorry for poor picture quality)
http://www.youtube.com/watch?v=RGSoRmEWmCo
I think ALC charakteristic is no good.

--- In TS-850_450_690@yahoogroups.com, "WW3S" <ww3s@...> wrote:
>
> the horse is dead, just bury it....
>
> On 5/29/2009 3:23:46 PM, Clif (clif@...) wrote:
> > I give up. Someone else want to try???? My 2x4 is worn out.
> >
> > Clif
> >
> > --- In TS-850_450_690@yahoogroups.com, "rovntoma" <330at112@> wrote:
> > >
> > > Thanks guys
> > > It seems good,but...
> > > Why injected tone (stronger than voice) has good ALC?
> > > Normal speaking voice has bad ALC.(over zone)
> > > I have a funkcion peak meter always turned on.
> > > I dont want nothing more only this:
> > > (look for this video in 3 minutes and 30 seconds)
> > > http://www.youtube.com/watch?v=_pdhyjWZyNQ
> > > Nice peaking to 100w ALC is stable and only little over zone.My radio
> > peaking only max to half "red zone" between 50 and 100w.My ALC started
> > over scale after turn PTT.Peaking ALC is very high and going quickly up
> > and
> > down.Its not stable.Tomorow I will try measure and set ALC voltage
> > according manual.
> > > Thanks for any idea.
> > > 73 Tom
> > >
> > >
> > >
> > > --- In TS-850_450_690@yahoogroups.com, "Clif" <clif@> wrote:
> > > >
> > > > It's working perfectly, leave it alone. Go study the difference
> > > > between average power and peak power in regards to SSB transmission.
> > > >
> > > > Clif
> > > >
> > > > --- In TS-850_450_690@yahoogroups.com, "rovntoma"
>

7951. Re: TS850 low SSB power

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-05-30 14:10:04 UTC
From: Dan Janda
Topic: 7928 Message: 7951

Tom,

You need to really watch that You-Tube carefully. After the long comments from the DX station with nice, steady S9+20 S-meter readings, when the local begins to transmit, we see the power meter fluctuating just like you say yours does. You may have a bit too much gain in your audio channel, or your voice processing is turned up too high, but I agree with Clif -- it's working as designed, and exactly the way SSB should work, if you see variation in power output as you speak into the microphone.

Again, the You-tube video shows the fluctuations in power during the first transmission from the local.

Dan AA3LS

--- In TS-850_450_690@yahoogroups.com, "rovntoma" <330at112@...> wrote:
>
> Thanks guys
> It seems good,but...
> Why injected tone (stronger than voice) has good ALC?
> Normal speaking voice has bad ALC.(over zone)
> I have a funkcion peak meter always turned on.
> I dont want nothing more only this:
> (look for this video in 3 minutes and 30 seconds)
> http://www.youtube.com/watch?v=_pdhyjWZyNQ
> Nice peaking to 100w ALC is stable and only little over zone.My radio peaking only max to half "red zone" between 50 and 100w.My ALC started over scale after turn PTT.Peaking ALC is very high and going quickly up and down.Its not stable.Tomorow I will try measure and set ALC voltage according manual.
> Thanks for any idea.
> 73 Tom
>
>
>
> --- In TS-850_450_690@yahoogroups.com, "Clif" <clif@> wrote:
> >
> > It's working perfectly, leave it alone. Go study the difference between average power and peak power in regards to SSB transmission.
> >
> > Clif
> >
> > --- In TS-850_450_690@yahoogroups.com, "rovntoma" <330at112@> wrote:
> > >
> > > to Clif:I don have dummy load.When PWR knob is full and CAR knob is about half position (12 o clock)I get full CW output(100w).
> > > Inject steady tone 1khz to microphone get constantly 100w SSB with good ALC,but speaking to MIC peaking 70w with ALC over zone.I think

> > > that something with ALC settings is wrong.
> > >
> > >
> > >
> > > -- In TS-850_450_690@yahoogroups.com, "WW3S" <ww3s@> wrote:
> > > >
> > > > you can always inject a steady tone into the mic to check the output in SSB.
> > > >
> > > > On 5/28/2009 8:08:33 PM, Clif (clif@) wrote:
> > > > > SHOUTING: WHAT IS THE POWER IN CW MODE? Power all the way up and car all
> > > > > the way up?
> > > > >
> > > > > Clif
> > > > >
> > > > > --- In TS-850_450_690@yahoogroups.com, "rovntoma" <330at112@> wrote:
> > > > > >
> > > > > > Many thanks Clif
> > > > > > it is true,that not will be a common power problem.Previous owner
> > > > > > (silent key)used it with linear amplifier.Maybe something set a little
> > > > > > down.
> > > > > > There is no posibility get output power in SSB mode over 75w.Increased mic
> > > > > > gain only distorted audio,no increase SSB power.ALC is little agresive I
> > > > > > think.The same I can get from my ts450.When I set output power knob to
> > > > > > 75%.
> > > > > > (No full)Then ALC is little over zone and power is 70w.
> > > > > >
> > > > > >
> > > > > >
> > > > > > --- In TS-850_450_690@yahoogroups.com, "Clif" <clif@> wrote:
> > > > > > >
> > > > > > > What is the power output of each rig in CW mode into a dummy load?
> > > > > > >
> > > > > > > The controls you are messing with have nothing to do with power out,
> > > > > > > one is the ALC meter adjustment and the other is a power limiting pot.
> > > > > > >
> > > > > > > Clif
> > > > > > >
> > > > > > > --- In TS-850_450_690@yahoogroups.com, "rovntoma" <330at112@> wrote:
> > > > > > > >
> > > > > > > > Thanks Clif
> > > > > > > > I compare 450S and 850S face to face.The 4
> > > > >
> > > > >
> > > >
> > >
> >

7952. Re: TS850 low SSB power

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-05-30 14:23:40 UTC
From: Dan Janda
Topic: 7928 Message: 7952

I think you may have your voice processing set up with too much gain. The radio otherwise looks like it is working fine. What do other stations you work say? (barefoot, of course).

By the way, the "I want it like this" You-tube video with the ZL station looks like he uses a good amount of speach processing, but his audio level is much more consistent (in the recording) than yours. You have a lot more variation in your speech level than he did.

I suggest you follow the speech processor setup and power setup instructions in the Kenwood manual carefully before worrying about this. Again, the meter activity in your video seems fine for normal use. If you use more speech processing (compresses the high points, boost the low) you'll see less fluctuation, but somewhat unnatural sound quality at the other end.

Another idea is to invite a nearby ham to come run your rig while you go to his or her shack and listen to your rig. TS-850s sound very good when not overdriven.

Dan AA3LS

--- In TS-850_450_690@yahoogroups.com, "rovntoma" <330at112@...> wrote:
>
> Thanks for poetics answers,but "problem" persist.
> see my upload (sorry for poor picture quality)
> http://www.youtube.com/watch?v=RGSoRmEWmCo
> I think ALC charakteristic is no good.
>
>
> --- In TS-850_450_690@yahoogroups.com, "WW3S" <ww3s@> wrote:
> >
> > the horse is dead, just bury it....
> >
> > On 5/29/2009 3:23:46 PM, Clif (clif@) wrote:
> > > I give up. Someone else want to try???? My 2x4 is worn out.
> > >
> > > Clif
> > >
> > > --- In TS-850_450_690@yahoogroups.com, "rovntoma" <330at112@> wrote:
> > > >
> > > > Thanks guys
> > > > It seems good,but...
> > > > Why injected tone (stronger than voice) has good ALC?
> > > > Normal speaking voice has bad ALC.(over zone)
> > > > I have a funkcion peak meter always turned on.
> > > > I dont want nothing more only this:
> > > > (look for this video in 3 minutes and 30 seconds)
> > > > http://www.youtube.com/watch?v=_pdhyjWZyNQ
> > > > Nice peaking to 100w ALC is stable and only little over zone.My radio

> > > peaking only max to half "red zone" between 50 and 100w.My ALC started
> > > over scale after turn PTT.Peaking ALC is very high and going quickly up
> > > and
> > > down.Its not stable.Tomorow I will try measure and set ALC voltage
> > > according manual.
> > > > Thanks for any idea.
> > > > 73 Tom
> > > >
> > > >
> > > >
> > > > --- In TS-850_450_690@yahoogroups.com, "Clif" <clif@> wrote:
> > > > >
> > > > > It's working perfectly, leave it alone. Go study the difference
> > > > > between average power and peak power in regards to SSB transmission.
> > > > >
> > > > > Clif
> > > > >
> > > > > --- In TS-850_450_690@yahoogroups.com, "rovntoma"
> >
>

7954. Re: TS850 low SSB power

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-05-30 15:45:37 UTC
From: rovntoma
Topic: 7928 Message: 7954

My idea was use this radio as ESSB "HiFi" TX SSB sound quality.
I tried original mic,MC60 and Behringer MIC2200+DSP110 compressor with Nady microphone.In all cases was not possible going over 70w without overload ALC or audio quality.TX audio is not bad,but is little "dry" weak and flat.My ts450 has better audio.(more punchy and clear).The radio was not used more than two years.Still I replace caps in carier and display board.Maybe it need replace all elyts complette.

--- In TS-850_450_690@yahoogroups.com, "Dan Janda" <birchardvilleobservatory@...> wrote:
>
> I think you may have your voice processing set up with too much gain. The radio otherwise looks like it is working fine. What do other stations you work say? (barefoot, of course).
>
> By the way, the "I want it like this" You-tube video with the ZL station looks like he uses a good amount of speach processing, but his audio level is much more consistent (in the recording) than yours. You have a lot more variation in your speech level than he did.
>
> I suggest you follow the speech processor setup and power setup instructions in the Kenwood manual carefully before worrying about this. Again, the meter activity in your video seems fine for normal use. If you use more speech processing (compresses the high points, boost the low) you'll see less fluctuation, but somewhat unnatural sound quality at the other end.
>
> Another idea is to invite a nearby ham to come run your rig while you go to his or her shack and listen to your rig. TS-850s sound very good when not overdriven.
>
> Dan AA3LS
>
>
>
> --- In TS-850_450_690@yahoogroups.com, "rovntoma" <330at112@> wrote:
> >
> > Thanks for poetics answers,but "problem" persist.
> > see my upload (sorry for poor picture quality)
> > http://www.youtube.com/watch?v=RGSoRmEWmCo
> > I think ALC charakteristic is no good.
> >
> >
> > --- In TS-850_450_690@yahoogroups.com, "WW3S" <ww3s@> wrote:
> > >
> > > the horse is dead, just bury it....
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> > > On 5/29/2009 3:23:46 PM, Clif (clif@) wrote:
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> > > >
> > > > --- In TS-850_450_690@yahoogroups.com, "rovntoma" <330at112@> wrote:
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> > > > > Thanks guys
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> > > > down.Its not stable.Tomorow I will try measure and set ALC voltage
> > > > according manual.
> > > > > Thanks for any idea.
> > > > > 73 Tom
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> > > > > >
> > > > > > --- In TS-850_450_690@yahoogroups.com, "Clif" <clif@> wrote:
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> > > > > > > between average power and peak power in regards to SSB transmission.
> > > > > > >
> > > > > > > Clif
> > > > > > >
> > > > > > > --- In TS-850_450_690@yahoogroups.com, "rovntoma"
> > > >
> > >
> >

7955. ts-850 problem with uninstalled tuner & cw side tone - in plain text

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-05-30 17:07:48 UTC
From: barnabas0223
Topic: 7955 Message: 7955

De Jim, KI6UP in Panama City FL. Sorry the orig posting was in HTML I guess. I forgot to use plain text - sorry

Couple real quick questions ☐ please

I just got a ts-850 ☐ and have a few issue maybe you know the solutions to.

The guy I got it from removed the internal tuner before sending it. I set it up ☐ and all modes ☐ all bands, MAX SWR and no power out. All other functions seem to be fine ☐ except no side tone on CW. I mean ☐ none. \\

I read the manual and to install the auto tuner, page 70, instruction 3 says carefully remove the coax. It looks to me like the rig with no tuner comes with a coax jumper between the cable jacks that the internal auto-tuner cables go to??? If this is the case ☐ mine has no cable and, no tuner

A crazy switch in the back ☐ SW-1, for internal tuner ☐ set to int ☐ for ext tuner ☐ set to ext (at-300 kenwood etc) - what about for use with a real tuner ☐one that only connects to the rig with coax☐ is it int or ext on the sw-1????

I cant live with no side tone ☐ ideas there? I thought maybe because of the max swr (dead short), and no output equals no side tone. All other tones work, cw for mode changes, messages etc.. The monitor works fb with voice. Pitch is at 700. No voice unit. In menu, mine jumps from 19-to-21, so no control on tuner there? Keyer is on - and when sending cw - it sends fine on the tx - just no side tone - in the head phone or speaker.

Please Help

Jim - KI6UP

7956. Re: [TS-850_450_690] ts-850 problem with uninstalled tuner & cw side tone

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-05-30 18:35:43 UTC
From: Dave ve3wej
Topic: 7956 Message: 7956

side tone audio is volume controlled, maybe it is turned down..
if the previous was using a ext keyer, it may have had the tone on it

check pg 65 of the manual for level

----- Original Message -----
From: MIster Barnabas
To: TS-850_450_690@yahoogroups.com
Sent: Saturday, May 30, 2009 10:00 AM
Subject: [TS-850_450_690] ts-850 problem with uninstalled tuner & cw side tone

Couple real quick questions –
please

I just got a ts-850 – and have a
few issue maybe you guys know the solutions to.

The guy I got it from removed the
internal tuner before sending it. I set it up – and all modes – all bands, MAX
SWR and no power out. All other functions seem to be fine – except no side tone
on CW. I mean – none. \\

I read the manual and to install the
auto tuner, page 70, instruction 3 says carefully remove the coax. It looks to
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that the internal auto-tuner cables go to??? If this is the case – mine has no
cable and, no tuner…

A crazy switch in the back – SW-1,
for internal tuner – set to int – for ext tuner – set to ext (at-300 kenwood
etc) - what about for use with a real tuner –one that only connects to the rig
with coax– is it int or ext on the sw-1????

I cant live with no side tone –
ideas there? I thought maybe because of the max swr (dead short), and no output equals no
side tone. All other tones work, cw for mode changes, messages
etc.. The monitor works fb with voice. Pitch is at 700. No voice unit. In menu, mine jumps
from 19-to-21, so no control on tuner there? Keyer is on - and when sending cw - it sends
fine on the tx - just no side tone - in the head phone or speaker.

Please Help

In Him

Jim Reynolds

apo pantos eidous ponèrou apechesthe

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

7957. Re: TS850 low SSB power

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-05-31 14:26:53 UTC
From: rovntoma
Topic: 7928 Message: 7957

So guys
solution is very simple.Big mistake on my side.I set VRs on IF no RF unit.Now radio decently peaking 100w as in video no1.Thanks for
help and sorry again.

--- In TS-850_450_690@yahoogroups.com, "rovntoma" <330at112@...> wrote:
>
> My idea was use this radio as ESSB "HiFi" TX SSB sound quality.
> I tried original mic,MC60 and Behringer MIC2200+DSP110 compressor with Nady microphone.In all cases was not possible going over 70w without overload ALC or audio quality.TX audio is not bad,but is little "dry" weak and flat.My ts450 has better audio.(more punchy and clear).The radio was not used more than two years.Still I replace caps in carier and display board.Maybe it need replace all elyts complette.
>
> --- In TS-850_450_690@yahoogroups.com, "Dan Janda" <birchardvilleobservatory@> wrote:
> >
> > I think you may have your voice processing set up with too much gain. The radio otherwise looks like it is working fine. What do other stations you work say? (barefoot, of course).
> >
> > By the way, the "I want it like this" You-tube video with the ZL station looks like he uses a good amount of speach processing, but his audio level is much more consistent (in the recording) than yours. You have a lot more variation in your speech level than he did.
> >
> > I suggest you follow the speech processor setup and power setup instructions in the Kenwood manual carefully before worrying about this. Again, the meter activity in your video seems fine for normal use. If you use more speech processing (compresses the high points, boost the low) you'll see less fluctuation, but somewhat unnatural sound quality at the other end.
> >
> > Another idea is to invite a nearby ham to come run your rig while you go to his or her shack and listen to your rig. TS-850s sound very good when not overdriven.
> >
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> >
> >
> >
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> > > I think ALC charakteristic is no good.
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> > >

> > > --- In TS-850_450_690@yahoogroups.com, "WW3S" <ww3s@> wrote:
> > > >
> > > > the horse is dead, just bury it....
> > > >
> > > > On 5/29/2009 3:23:46 PM, Clif (clif@) wrote:
> > > > > I give up. Someone else want to try???? My 2x4 is worn out.
> > > > >
> > > > > Clif
> > > > >
> > > > > --- In TS-850_450_690@yahoogroups.com, "rovntoma" <330at112@> wrote:
> > > > > >
> > > > > > Thanks guys
> > > > > > It seems good,but...
> > > > > > Why injected tone (stronger than voice) has good ALC?
> > > > > > Normal speaking voice has bad ALC.(over zone)
> > > > > > I have a funkcion peak meter always turned on.
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> > > > > according manual.
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> > > > > > 73 Tom
> > > > > >
> > > > > >
> > > > > >
> > > > > > --- In TS-850_450_690@yahoogroups.com, "Clif" <clif@> wrote:
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> > > > > > > Clif
> > > > > > >
> > > > > > > --- In TS-850_450_690@yahoogroups.com, "rovntoma"
> > > > >
> > > >
> > >
> >
>

7958. Re: [TS-850_450_690] Re: TS850 low SSB power

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-05-31 14:37:16 UTC
From: kremper4-850@yahoo.com
Topic: 7928 Message: 7958

A-a-a-a-r-r-r-r-g-g-g-g-h-h-h-h-h!

A suggestion: Use a digital camera to take pictures of *EVERY* board in your TS-850, save the photos to your PC's hard drive under each board's specific name, print the pictures and label them. Be certain to take close-up shots and use a high-resolution mode so that you can zoom in on the details of the area(s) under investigation. This is sure to help in the future.

73,

Paul / N1FB

--- On Sun, 5/31/09, rovntoma <330at112@...> wrote:

From: rovntoma <330at112@...>
Subject: [TS-850_450_690] Re: TS850 low SSB power
To: TS-850_450_690@yahoogroups.com
Date: Sunday, May 31, 2009, 10:26 AM

So guys
solution is very simple.Big mistake on my side.I set VRs on IF no RF unit.Now radio decently peaking 100w as in video no1.Thanks for
help and sorry again.

--- In TS-850_450_690@ yahoogroups. com, "rovntoma" <330at112@.. .> wrote:
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> My idea was use this radio as ESSB "HiFi" TX SSB sound quality.
> I tried original mic,MC60 and Behringer MIC2200+DSP110 compressor with Nady microphone.In all cases was not possible going over 70w without overload ALC or audio quality.TX audio is not bad,but is little "dry" weak and flat.My ts450 has better audio.(more punchy and clear).The radio was not used more than two years.Still I replace caps in carier and display board.Maybe it need replace all elyts complette.
>
> --- In TS-850_450_690@ yahoogroups. com, "Dan Janda" <birchardvilleobser vatory@> wrote:
> >
> > I think you may have your voice processing set up with too much gain. The radio otherwise looks like it is working fine. What do other stations you work say? (barefoot, of course).
> >
> > By the way, the "I want it like this" You-tube video with the ZL station looks like he uses a good amount of speach processing, but his audio level is much more consistent (in the recording) than yours. You have a lot more variation in your speech level than he did.
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> > I suggest you follow the speech processor setup and power setup instructions in the Kenwood manual carefully before worrying about this. Again, the meter activity in your video seems fine for normal use. If you use more speech processing (compresses the high points, boost the low) you'll see less fluctuation, but somewhat unnatural sound quality at

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> > Dan AA3LS
> >
> >
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> > --- In TS-850_450_690@ yahoogroups. com, "rovntoma" <330at112@> wrote:
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> > > http://www.youtube. com/watch? v=RGSoRmEWmCo
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> > > --- In TS-850_450_690@ yahoogroups. com, "WW3S" <ww3s@> wrote:
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> > > > the horse is dead, just bury it....
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> > > > > --- In TS-850_450_690@ yahoogroups. com, "rovntoma" <330at112@> wrote:
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> > > > > > Thanks guys
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> > > > > > Why injected tone (stronger than voice) has good ALC?
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> > > > > > > > Clif
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> > > > > > > > --- In TS-850_450_690@ yahoogroups. com, "rovntoma"
> > > > >
> > > >
> > >
>

[Non-text portions of this message have been removed]

7959. New to the group

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-05-31 17:56:11 UTC
From: Ben Ramler
Topic: 7959 Message: 7959

Good afternoon,

Hows everyone today? Boy what a beautiful day here in Central MN. I just joined up here becasue I might becoming a proud owner of a TS-850. This one I am getting will cost 750. It will already have a 2.7 Khz filter in it.

My question is this how has the 850 performed for everyone? How are the ears on it? The S/N is 60100267.

73,

Ben KØBLR

7960. RE: [TS-850_450_690] New to the group

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-05-31 21:33:33 UTC
From: Marty Bluhm
Topic: 7959 Message: 7960

Ben, this one of the best investments you've made in ham radio. This is a super radio and you have one of the last ones, so pretty much the bugs (early chip problems are gone) are gone.
Enjoy the radio and read the manual to learn how to take full advantage of the capabilites. It is worth it.
73
Marty
W8AKS

-----Original Message-----
From: TS-850_450_690@yahoogroups.com
[mailto:TS-850_450_690@yahoogroups.com]On Behalf Of Ben Ramler
Sent: Sunday, May 31, 2009 17:56
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] New to the group

Good afternoon,

Hows everyone today? Boy what a beautiful day here in Central MN. I just joined up here becasue I might becoming a proud owner of a TS-850. This one I am getting will cost 750. It will already have a 2.7 Khz filter in it.

My question is this how has the 850 performed for everyone? How are the ears on it? The S/N is 60100267.

73,

Ben KØBLR

[Non-text portions of this message have been removed]

7961. Re: New to the group

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-06-01 00:35:39 UTC
From: kb1kox
Topic: 7959 Message: 7961

Ben,
as already stated, you will have one of the best radios ever made.

I have had a bunch of radio's in the shack,and most have come and gone...
but my 850 will never go.
right now,side by side with a K3 and a FT2000,
the TS850 more than holds her own on receive and transmit.
In, fact, even though the FT2000 has the heil 781 mic
and all the fancy equalizers, I still get the best
audio reports on the 850
with the heil gm-5 mic..
(and the 850 has one of the best processors ever!
beats the 200W FT2000 every time!!)
The 850 also more than holds her own in contests,
and now, with the Inrad roofing filter,
can only get better!!!
She's a keeper !! Take good care of that radio...
do the upkeep
(Caps..battery,ect,) to keep her running...
You will never let that radio leave the shack.
The TS-850, is the best kept secret in Ham radio.
Enjoy!

73
Neil
Ae1P

--- In TS-850_450_690@yahoogroups.com, "Marty Bluhm" <w8aks55@...> wrote:
>
>
> Ben, this one of the best investments you've made in ham radio. This is a
> super radio and you have one of the last ones, so pretty much the bugs
> (early chip problems are gone) are gone.
> Enjoy the radio and read the manual to learn how to take full advantage of
> the capabilites. It is worth it.
> 73
> Marty
> W8AKS
>
> -----Original Message-----
> From: TS-850_450_690@yahoogroups.com
> [mailto:TS-850_450_690@yahoogroups.com]On Behalf Of Ben Ramler
> Sent: Sunday, May 31, 2009 17:56
> To: TS-850_450_690@yahoogroups.com
> Subject: [TS-850_450_690] New to the group
>

>
>
>
>
>
> Good afternoon,
>
> Hows everyone today? Boy what a beautiful day here in Central MN. I
> just joined up here becasue I might becoming a proud owner of a TS-850. This
> one I am getting will cost 750. It will already have a 2.7 Khz filter in it.
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> My question is this how has the 850 performed for everyone? How are
> the ears on it? The S/N is 60100267.
>
> 73,
>
> Ben KØBLR
>
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> [Non-text portions of this message have been removed]
>

7962. Re: [TS-850_450_690] Re: New to the group

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-06-01 00:39:01 UTC
From: Ben Ramler
Topic: 7959 Message: 7962

How do I go about replacing stuff like that?

Ben KØBLR

From: kb1kox <ngoodl1@...>
To: TS-850_450_690@yahoogroups.com
Sent: Sunday, May 31, 2009 7:35:39 PM
Subject: [TS-850_450_690] Re: New to the group

Ben,
as already stated, you will have one of the best radios ever made.

I have had a bunch of radio's in the shack,and most have come and gone...
but my 850 will never go.
right now,side by side with a K3 and a FT2000,
the TS850 more than holds her own on receive and transmit.
In, fact, even though the FT2000 has the heil 781 mic
and all the fancy equalizers, I still get the best
audio reports on the 850
with the heil gm-5 mic..
(and the 850 has one of the best processors ever!
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The 850 also more than holds her own in contests,
and now, with the Inrad roofing filter,
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She's a keeper !! Take good care of that radio...
do the upkeep
(Caps..battery, ect,) to keep her running...
You will never let that radio leave the shack.
The TS-850, is the best kept secret in Ham radio.
Enjoy!

73
Neil
Ae1P

--- In TS-850_450_690@ yahoogroups. com, "Marty Bluhm" <w8aks55@... > wrote:
>
>
> Ben, this one of the best investments you've made in ham radio. This is a
> super radio and you have one of the last ones, so pretty much the bugs
> (early chip problems are gone) are gone.
> Enjoy the radio and read the manual to learn how to take full advantage of
> the capabilites. It is worth it.
> 73

> Marty
> W8AKS
>
> -----Original Message-----
> From: TS-850_450_690@ yahoogroups. com
> [mailto:TS-850_450_690@ yahoogroups. com]On Behalf Of Ben Ramler
> Sent: Sunday, May 31, 2009 17:56
> To: TS-850_450_690@ yahoogroups. com
> Subject: [TS-850_450_ 690] New to the group
>
>
>
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>
>
>
> Good afternoon,
>
> Hows everyone today? Boy what a beautiful day here in Central MN. I
> just joined up here becasue I might becoming a proud owner of a TS-850. This
> one I am getting will cost 750. It will already have a 2.7 Khz filter in it.
>
> My question is this how has the 850 performed for everyone? How are
> the ears on it? The S/N is 60100267.
>
> 73,
>
> Ben KØBLR
>
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>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

7963. Re: New to the group

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-06-01 03:06:23 UTC
From: kb1kox
Topic: 7959 Message: 7963

Ben,
First thing to do, you've already done !!
Join this group...!!
Now...
Spend some serious time reading thru the posts
and the file's section to familiarize yourself with the TS-850.
Then, decide whether you want to do any work and modifications yourself.
If not, send an email of to Clif,
(check out his website, http://www.avvid.com/)
"clif@....", and discuss what you would like done,
he's the best Kenwood repair tech out there.
Good luck.

73
Neil
AE1P

--- In TS-850_450_690@yahoogroups.com, Ben Ramler <ben_ramler2002@...> wrote:
>
> How do I go about replacing stuff like that?
>
> Ben KØBLR
>
>
>
>
>
> _____
> From: kb1kox <ngoodl1@...>
> To: TS-850_450_690@yahoogroups.com
> Sent: Sunday, May 31, 2009 7:35:39 PM
> Subject: [TS-850_450_690] Re: New to the group
>
>
>
>
>
>
> Ben,
> as already stated, you will have one of the best radios ever made.
>
> I have had a bunch of radio's in the shack,and most have come and gone...
> but my 850 will never go.
> right now,side by side with a K3 and a FT2000,
> the TS850 more than holds her own on receive and transmit.
> In, fact, even though the FT2000 has the heil 781 mic
> and all the fancy equalizers, I still get the best

> audio reports on the 850
> with the heil gm-5 mic..
> (and the 850 has one of the best processors ever!
> beats the 200W FT2000 every time!!)
> The 850 also more than holds her own in contests,
> and now, with the Inrad roofing filter,
> can only get better!!!
> She's a keeper !! Take good care of that radio...
> do the upkeep
> (Caps..battery, ect,) to keep her running...
> You will never let that radio leave the shack.
> The TS-850, is the best kept secret in Ham radio.
> Enjoy!
>
> 73
> Neil
> Ae1P
>
> --- In TS-850_450_690@ yahoogroups. com, "Marty Bluhm" <w8aks55@ > wrote:
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> >
> > Ben, this one of the best investments you've made in ham radio. This is a
> > super radio and you have one of the last ones, so pretty much the bugs
> > (early chip problems are gone) are gone.
> > Enjoy the radio and read the manual to learn how to take full advantage of
> > the capabilites. It is worth it.
> > 73
> > Marty
> > W8AKS
> >
> > -----Original Message-----
> > From: TS-850_450_690@ yahoogroups. com
> > [mailto:TS-850_450_690@ yahoogroups. com]On Behalf Of Ben Ramler
> > Sent: Sunday, May 31, 2009 17:56
> > To: TS-850_450_690@ yahoogroups. com
> > Subject: [TS-850_450_ 690] New to the group
> >
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> >
> >
> > Good afternoon,
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> > Hows everyone today? Boy what a beautiful day here in Central MN. I
> > just joined up here becasue I might becoming a proud owner of a TS-850. This
> > one I am getting will cost 750. It will already have a 2.7 Khz filter in it.
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> > My question is this how has the 850 performed for everyone? How are
> > the ears on it? The S/N is 60100267.

> >
> > 73,
> >
> > Ben KØBLR
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> > [Non-text portions of this message have been removed]
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> [Non-text portions of this message have been removed]
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7964. Re: [TS-850_450_690] New to the group

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-06-01 15:57:41 UTC
From: Mike Christiansen
Topic: 7959 Message: 7964

Hi Ben,

You will be disappointed. The 850 has a great receiver and it has a lot of talk power. I run mine with an Ameritron AL-80b at about 800 watts into a vertical dipole. A pretty modest setup. If I use the High Boost button and the speech processor, I regularly bust through pileups when chasing DX. I have never had a rig with this kind of talk power. I have the INRAD filters installed. You can also now get the INRAD roofing filter mod for this rig as well. I have not installed it yet, but have heard from others that it works great. Another great feature in this old rig is that it has an IF port on the back. You can use with the LP-PAN and get a great spectrum display on your computer. Look me up on QRZ and I have a link there to my Youtube video showing the 850 with the LP-PAN. It does not get any better than that

73,
Mike, N4GW

On May 31, 2009, at 1:56 PM, Ben Ramler wrote:

>
>
>
> Good afternoon,
>
> Hows everyone today? Boy what a beautiful day here in Central
> MN. I just joined up here becasue I might becoming a proud owner of
> a TS-850. This one I am getting will cost 750. It will already have
> a 2.7 Khz filter in it.
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> My question is this how has the 850 performed for everyone? How
> are the ears on it? The S/N is 60100267.
>
> 73,
>
> Ben KØBLR
>
>

[Non-text portions of this message have been removed]

7965. Re: [TS-850_450_690] New to the group

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-06-01 17:17:07 UTC
From: Zack Widup
Topic: 7959 Message: 7965

Did you mean "You will NOT be disappointed"?
:-)

I think the TS-850 is the best transceiver around for its price on the used market. And it's still one of the best rigs, even compared to the more modern ones.

I used a TS-440 for years and finally decided to get a TS-850 back around 1998. It's been doing great.

73, Zack W9SZ

On Mon, Jun 1, 2009 at 10:57 AM, Mike Christiansen <starmike@...>wrote:

>
>
> Hi Ben,
>
> You will be disappointed. The 850 has a great receiver and it has a
> lot of talk power. I run mine with an Ameritron AL-80b at about 800
> watts into a vertical dipole. A pretty modest setup. If I use the
> High Boost button and the speech processor, I regularly bust through
> pileups when chasing DX. I have never had a rig with this kind of
> talk power. I have the INRAD filters installed. You can also now get
> the INRAD roofing filter mod for this rig as well. I have not
> installed it yet, but have heard from others that it works great.
> Another great feature in this old rig is that it has an IF port on the
> back. You can use with the LP-PAN and get a great spectrum display on
> your computer. Look me up on QRZ and I have a link there to my
> Youtube video showing the 850 with the LP-PAN. It does not get any
> better than that
>
> 73,
> Mike, N4GW
>
> On May 31, 2009, at 1:56 PM, Ben Ramler wrote:
>
> >
> >
> >
> > Good afternoon,
> >
> > Hows everyone today? Boy what a beautiful day here in Central
> > MN. I just joined up here becasue I might becoming a proud owner of
> > a TS-850. This one I am getting will cost 750. It will already have

> > a 2.7 Khz filter in it.
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> > My question is this how has the 850 performed for everyone? How
> > are the ears on it? The S/N is 60100267.
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> > 73,
> >
> > Ben KØBLR
> >
> >
>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

7966. Re: [TS-850_450_690] New to the group

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-06-01 17:50:41 UTC
From: James Christiansen
Topic: 7959 Message: 7966

Oops! Yes, I meant you will NOT be dissapointed. Thanks for catching that Zack

Mike, N4GW

From: Zack Widup <w9sz.zack@...>
To: TS-850_450_690@yahoogroups.com
Sent: Monday, June 1, 2009 1:17:07 PM
Subject: Re: [TS-850_450_690] New to the group

Did you mean "You will NOT be disappointed" ?
:-)

I think the TS-850 is the best transceiver around for its price on the used
market. And it's still one of the best rigs, even compared to the more
modern ones.

I used a TS-440 for years and finally decided to get a TS-850 back around
1998. It's been doing great.

73, Zack W9SZ

On Mon, Jun 1, 2009 at 10:57 AM, Mike Christiansen
<starmike@bellsouth. net>wrote:

>
>
> Hi Ben,
>
> You will be disappointed. The 850 has a great receiver and it has a
> lot of talk power. I run mine with an Ameritron AL-80b at about 800
> watts into a vertical dipole. A pretty modest setup. If I use the
> High Boost button and the speech processor, I regularly bust through
> pileups when chasing DX. I have never had a rig with this kind of
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> the INRAD roofing filter mod for this rig as well. I have not
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> Another great feature in this old rig is that it has an IF port on the
> back. You can use with the LP-PAN and get a great spectrum display on
> your computer. Look me up on QRZ and I have a link there to my
> Youtube video showing the 850 with the LP-PAN. It does not get any
> better than that
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> 73,
> Mike, N4GW
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> On May 31, 2009, at 1:56 PM, Ben Ramler wrote:

>
> >
> >
> >
> > Good afternoon,
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> > Hows everyone today? Boy what a beautiful day here in Central
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> > are the ears on it? The S/N is 60100267.
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> > 73,
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> > Ben KØBLR
> >
> >
>
> [Non-text portions of this message have been removed]
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[Non-text portions of this message have been removed]

7967. TS450S

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-06-01 20:06:44 UTC
From: Claudio Marquet
Topic: 7959 Message: 7967

Hi all, I own a TS450S, can anyone explain me how can I know the year of manufacturing of my rig.
It´s serial number is 309009**
Additionally, I want to know between what years was manufactured this rig.
Thanks in advance,
Claudio

7968. Re: [TS-850_450_690] Re: New to the group

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-06-01 13:01:35 UTC
From: ben_ramler2002@yahoo.com
Topic: 7959 Message: 7968

I am going to be leaving the group now because the owner did not agree to have payments for his radio.

73

Ben K0BLR
Sent from my Verizon Wireless BlackBerry

-----Original Message-----
From: "kb1kox" <ngoodl1@...>

Date: Mon, 01 Jun 2009 03:06:23
To: <TS-850_450_690@yahoogroups.com>
Subject: [TS-850_450_690] Re: New to the group

Ben,
First thing to do, you've already done !!
Join this group...!!
Now...
Spend some serious time reading thru the posts
and the file's section to familiarize yourself with the TS-850.
Then, decide whether you want to do any work and modifications yourself.
If not, send an email of to Clif,
(check out his website, http://www.avvid.com/)
"clif@....", and discuss what you would like done,
he's the best Kenwood repair tech out there.
Good luck.

73
Neil
AE1P

--- In TS-850_450_690@yahoogroups.com, Ben Ramler <ben_ramler2002@...> wrote:
>
> How do I go about replacing stuff like that?
>
> Ben K?BLR
>
>
>
>
>_____
> From: kb1kox <ngoodl1@...>
> To: TS-850_450_690@yahoogroups.com
> Sent: Sunday, May 31, 2009 7:35:39 PM
> Subject: [TS-850_450_690] Re: New to the group
>

>
>
>
>
> Ben,
> as already stated, you will have one of the best radios ever made.
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> I have had a bunch of radio's in the shack,and most have come and gone...
> but my 850 will never go.
> right now,side by side with a K3 and a FT2000,
> the TS850 more than holds her own on receive and transmit.
> In, fact, even though the FT2000 has the heil 781 mic
> and all the fancy equalizers, I still get the best
> audio reports on the 850
> with the heil gm-5 mic..
> (and the 850 has one of the best processors ever!
> beats the 200W FT2000 every time!!)
> The 850 also more than holds her own in contests,
> and now, with the Inrad roofing filter,
> can only get better!!!
> She's a keeper !! Take good care of that radio...
> do the upkeep
> (Caps..battery, ect,) to keep her running...
> You will never let that radio leave the shack.
> The TS-850, is the best kept secret in Ham radio.
> Enjoy!
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> 73
> Neil
> Ae1P
>
> --- In TS-850_450_690@ yahoogroups. com, "Marty Bluhm" <w8aks55@ > wrote:
> >
> >
> > Ben, this one of the best investments you've made in ham radio. This is a
> > super radio and you have one of the last ones, so pretty much the bugs
> > (early chip problems are gone) are gone.
> > Enjoy the radio and read the manual to learn how to take full advantage of
> > the capabilites. It is worth it.
> > 73
> > Marty
> > W8AKS
> >
> > -----Original Message-----
> > From: TS-850_450_690@ yahoogroups. com
> > [mailto:TS-850_450_690@ yahoogroups. com]On Behalf Of Ben Ramler
> > Sent: Sunday, May 31, 2009 17:56
> > To: TS-850_450_690@ yahoogroups. com
> > Subject: [TS-850_450_ 690] New to the group
> >

> >
> >
> >
> >
> >
> > Good afternoon,
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> > Hows everyone today? Boy what a beautiful day here in Central MN. I
> > just joined up here becasue I might becoming a proud owner of a TS-850. This
> > one I am getting will cost 750. It will already have a 2.7 Khz filter in it.
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> > the ears on it? The S/N is 60100267.
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> > 73,
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> > [Non-text portions of this message have been removed]
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[Non-text portions of this message have been removed]

7969. RE: [TS-850_450_690] New to the group

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-06-01 17:16:32 UTC
From: Greg Urban
Topic: 7959 Message: 7969

Ben;

The TS-850 is what I have and I love it. I have had great luck making Q's with it. I have had mine for only about 4 years. Bought it from Doug before he died. It was the best deal I ever made. You can't go wrong with a good TS-850.

Gregory P. Urban
KG0U

To: TS-850_450_690@yahoogroups.com
From: ben_ramler2002@...
Date: Sun, 31 May 2009 10:56:11 -0700
Subject: [TS-850_450_690] New to the group

Good afternoon,

Hows everyone today? Boy what a beautiful day here in Central MN. I just joined up here becasue I might becoming a proud owner of a TS-850. This one I am getting will cost 750. It will already have a 2.7 Khz filter in it.

My question is this how has the 850 performed for everyone? How are the ears on it? The S/N is 60100267.

73,

Ben KØBLR

_____
Hotmail® goes with you.
http://windowslive.com/Tutorial/Hotmail/Mobile?ocid=TXT_TAGLM_WL_HM_Tutorial_Mobile1_052009

[Non-text portions of this message have been removed]

7970. Re: [TS-850_450_690] New to the group

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-06-01 23:44:25 UTC
From: Dave ve3wej
Topic: 7959 Message: 7970

mine has no ears, they were an option I decided not to buy

----- Original Message -----
From: Ben Ramler
To: TS-850_450_690@yahoogroups.com
Sent: Sunday, May 31, 2009 1:56 PM
Subject: [TS-850_450_690] New to the group

Good afternoon,

Hows everyone today? Boy what a beautiful day here in Central MN. I just joined up here becasue I might becoming a proud owner of a TS-850. This one I am getting will cost 750. It will already have a 2.7 Khz filter in it.

My question is this how has the 850 performed for everyone? How are the ears on it? The S/N is 60100267.

73,

Ben KØBLR

[Non-text portions of this message have been removed]

7971. I'm back

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-06-02 15:14:30 UTC
From: Ben Ramler
Topic: 7971 Message: 7971

Hi group,

Well 24hrs after leaving the group i decided to come back because hope is not lost. I found some one else with an 850. Not sure if it has filters or not but can filters still be had through Inrad. Also what is IP Lan or something like that?

73,

Ben K0BLR

7972. Re: [TS-850_450_690] I'm back

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-06-02 15:45:35 UTC
From: James Christiansen
Topic: 7971 Message: 7972

Hi Ben

Inrad filters can be found on the INRAD website

http://www.inrad.net/home.php?cat=56

I assume you are asking about the LP-PAN. You can get info for it from the Telepost website

http://www.telepostinc.com/LP-PAN.html

Mike, N4GW

From: Ben Ramler <ben_ramler2002@...>
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, June 2, 2009 11:14:30 AM
Subject: [TS-850_450_690] I'm back

Hi group,

Well 24hrs after leaving the group i decided to come back because hope is not lost. I found some one else with an 850. Not sure if it has filters or not but can filters still be had through Inrad. Also what is IP Lan or something like that?

73,

Ben K0BLR

[Non-text portions of this message have been removed]

7973. Re: [TS-850_450_690] I'm back

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-06-02 16:44:12 UTC
From: ben_ramler2002@yahoo.com
Topic: 7971 Message: 7973

What is it though? I did see your video.
Sent from my Verizon Wireless BlackBerry

-----Original Message-----
From: James Christiansen <starmike@...>

Date: Tue, 2 Jun 2009 08:45:35
To: <TS-850_450_690@yahoogroups.com>
Subject: Re: [TS-850_450_690] I'm back

Hi Ben

Inrad filters can be found on the INRAD website

http://www.inrad.net/home.php?cat=56

I assume you are asking about the LP-PAN.?? You can get info for it from the Telepost website

http://www.telepostinc.com/LP-PAN.html

Mike, N4GW

_____
From: Ben Ramler <ben_ramler2002@...>
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, June 2, 2009 11:14:30 AM
Subject: [TS-850_450_690] I'm back

Hi group,

??? Well 24hrs after leaving the group i decided to come back because hope is not lost. I found some one else with an 850. Not sure if it has filters or not but can filters still be had through Inrad. Also what is IP Lan or something like that?

73,

Ben K0BLR

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

7974. CAR Board number needed

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-06-02 18:49:30 UTC
From: barnabas0223
Topic: 7974 Message: 7974

Hey all - I was thinking about replacing the CAR board with a new unit. I located a place that has or had them, but they wanted a board part number - or some way to ID the board so they could find a replacement - any ideas, or where can we get new boards?

thanks - Jim KI6UP

7975. Re: [TS-850_450_690] I'm back

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-06-02 18:49:43 UTC
From: ww3s@zoominternet.net
Topic: 7971 Message: 7975

it's a software defined panaromic display, lets you view a wide chunk
of spectrum for signals, etc, like a spectrum scope on some of the
newer radios....
On Tue 06/ 2/09 12:44 PM , ben_ramler2002@... sent:
What is it though? I did see your video.
Sent from my Verizon Wireless BlackBerry
-----Original Message-----
From: James Christiansen
Date: Tue, 2 Jun 2009 08:45:35
To:
Subject: Re: [TS-850_450_690] I'm back
Hi Ben
Inrad filters can be found on the INRAD website
http://www.inrad.net/home.php?cat=56 [3]
I assume you are asking about the LP-PAN. You can get info for it
from the Telepost website
http://www.telepostinc.com/LP-PAN.html [4]
Mike, N4GW

_____
From: Ben Ramler
To: TS-850_450_690@yahoogroups.com [6]
Sent: Tuesday, June 2, 2009 11:14:30 AM
Subject: [TS-850_450_690] I'm back
Hi group,
Well 24hrs after leaving the group i decided to come back
because hope is not lost. I found some one else with an 850. Not sure
if it has filters or not but can filters still be had through Inrad.
Also what is IP Lan or something like that?
73,
Ben K0BLR
[Non-text portions of this message have been removed]
[Non-text portions of this message have been removed]

THANKS FOR USING TS-850_450_690@... [7]! Groups
Links
To visit your group on the web, go to:
http://groups.yahoo.com/group/TS-850_450_690/ [8]
Your email settings:
Individual Email | Traditional
To change settings online go to:
http://groups.yahoo.com/group/TS-850_450_690/join [9]
(Yahoo! ID required)
To change settings via email:
TS-850_450_690-digest@yahoogroups.com [10]
TS-850_450_690-fullfeatured@yahoogroups.com [11]

To unsubscribe from this group, send an email to:
TS-850_450_690-unsubscribe@yahoogroups.com [12]
Your use of Yahoo! Groups is subject to:
http://docs.yahoo.com/info/terms/ [13]

Links:
------
[1] mailto:starmike@...
[2] mailto:TS-850_450_690@yahoogroups.com
[3] http://www.inrad.net/home.php?cat=56
[4] http://www.telepostinc.com/LP-PAN.html
[5] mailto:ben_ramler2002@...
[6] mailto:TS-850_450_690@yahoogroups.com
[7] mailto:TS-850_450_690@...
[8] http://groups.yahoo.com/group/TS-850_450_690/
[9] http://groups.yahoo.com/group/TS-850_450_690/join
[10] mailto:TS-850_450_690-digest@yahoogroups.com
[11] mailto:TS-850_450_690-fullfeatured@yahoogroups.com
[12] mailto:TS-850_450_690-unsubscribe@yahoogroups.com
[13] http://docs.yahoo.com/info/terms/

[Non-text portions of this message have been removed]

7976. Re: [TS-850_450_690] CAR Board number needed

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-06-02 19:08:53 UTC
From: Tracey Gardner
Topic: 7974 Message: 7976

The words Holy Grail spring to mind :-)

Tracey

> Hey all - I was thinking about replacing the CAR board with a new unit. I
> located a place that has or had them, but they wanted a board part
> number - or some way to ID the board so they could find a replacement -
> any ideas, or where can we get new boards?
>
> thanks - Jim KI6UP
>

7977. Re: [TS-850_450_690] I'm back

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-06-02 19:47:13 UTC
From: Mike Christiansen
Topic: 7971 Message: 7977

It taps the IF port on the back of the 850 and gives you a nice
spectrum scope on your computer

On Jun 2, 2009, at 12:44 PM, ben_ramler2002@... wrote:

> What is it though? I did see your video.
> Sent from my Verizon Wireless BlackBerry
>
> -----Original Message-----
> From: James Christiansen <starmike@...>
>
> Date: Tue, 2 Jun 2009 08:45:35
> To: <TS-850_450_690@yahoogroups.com>
> Subject: Re: [TS-850_450_690] I'm back
>
>
> Hi Ben
>
> Inrad filters can be found on the INRAD website
>
> http://www.inrad.net/home.php?cat=56
>
> I assume you are asking about the LP-PAN. You can get info for it
> from the Telepost website
>
> http://www.telepostinc.com/LP-PAN.html
>
> Mike, N4GW
>
>
>
>
> _____
> From: Ben Ramler <ben_ramler2002@...>
> To: TS-850_450_690@yahoogroups.com
> Sent: Tuesday, June 2, 2009 11:14:30 AM
> Subject: [TS-850_450_690] I'm back
>
>
>
>
>
>
> Hi group,
>

> Well 24hrs after leaving the group i decided to come back
> because hope is not lost. I found some one else with an 850. Not
> sure if it has filters or not but can filters still be had through
> Inrad. Also what is IP Lan or something like that?
>
> 73,
>
> Ben K0BLR
>
>
>
>
> [Non-text portions of this message have been removed]
>
>
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>

7978. Re: [TS-850_450_690] I'm back

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-06-02 20:01:16 UTC
From: ben_ramler2002@yahoo.com
Topic: 7971 Message: 7978

Thanks to everyone who applied who answered my emails.

73

Ben K0BLR
Sent from my Verizon Wireless BlackBerry

-----Original Message-----
From: ww3s@...

Date: Tue, 2 Jun 2009 14:49:43
To: <TS-850_450_690@yahoogroups.com>
Subject: Re: [TS-850_450_690] I'm back

it's a software defined panaromic display, lets you view a wide chunk
of spectrum for signals, etc, like a spectrum scope on some of the
newer radios....
On Tue 06/ 2/09 12:44 PM , ben_ramler2002@... sent:
What is it though? I did see your video.
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-----Original Message-----
From: James Christiansen
Date: Tue, 2 Jun 2009 08:45:35
To:
Subject: Re: [TS-850_450_690] I'm back
Hi Ben
Inrad filters can be found on the INRAD website
http://www.inrad.net/home.php?cat=56 [3]
I assume you are asking about the LP-PAN. You can get info for it
from the Telepost website
http://www.telepostinc.com/LP-PAN.html [4]
Mike, N4GW
_____
From: Ben Ramler
To: TS-850_450_690@yahoogroups.com [6]
Sent: Tuesday, June 2, 2009 11:14:30 AM
Subject: [TS-850_450_690] I'm back
Hi group,
Well 24hrs after leaving the group i decided to come back
because hope is not lost. I found some one else with an 850. Not sure
if it has filters or not but can filters still be had through Inrad.
Also what is IP Lan or something like that?
73,
Ben K0BLR
[Non-text portions of this message have been removed]
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THANKS FOR USING TS-850_450_690@... [7]! Groups
Links
To visit your group on the web, go to:
http://groups.yahoo.com/group/TS-850_450_690/ [8]
Your email settings:
Individual Email | Traditional
To change settings online go to:
http://groups.yahoo.com/group/TS-850_450_690/join [9]
(Yahoo! ID required)
To change settings via email:
TS-850_450_690-digest@yahoogroups.com [10]
TS-850_450_690-fullfeatured@yahoogroups.com [11]
To unsubscribe from this group, send an email to:
TS-850_450_690-unsubscribe@yahoogroups.com [12]
Your use of Yahoo! Groups is subject to:
http://docs.yahoo.com/info/terms/ [13]

Links:
------
[1] mailto:starmike@...
[2] mailto:TS-850_450_690@yahoogroups.com
[3] http://www.inrad.net/home.php?cat=56
[4] http://www.telepostinc.com/LP-PAN.html
[5] mailto:ben_ramler2002@...
[6] mailto:TS-850_450_690@yahoogroups.com
[7] mailto:TS-850_450_690@...
[8] http://groups.yahoo.com/group/TS-850_450_690/
[9] http://groups.yahoo.com/group/TS-850_450_690/join
[10] mailto:TS-850_450_690-digest@yahoogroups.com
[11] mailto:TS-850_450_690-fullfeatured@yahoogroups.com
[12] mailto:TS-850_450_690-unsubscribe@yahoogroups.com
[13] http://docs.yahoo.com/info/terms/

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

7979. Re: [TS-850_450_690] CAR Board number needed

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-06-02 23:40:21 UTC
From: Dave ve3wej
Topic: 7974 Message: 7979

board numbers are on the board (usually) or the service manual

----- Original Message -----
From: barnabas0223
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, June 02, 2009 2:49 PM
Subject: [TS-850_450_690] CAR Board number needed

Hey all - I was thinking about replacing the CAR board with a new unit. I located a place that has or had them, but they wanted a board part number - or some way to ID the board so they could find a replacement - any ideas, or where can we get new boards?

thanks - Jim KI6UP

[Non-text portions of this message have been removed]

7980. found CAR brd

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-06-03 05:02:21 UTC
From: barnabas0223
Topic: 7980 Message: 7980

Have a new CAR board on its way -
Now - for SSB and CW filters and done - except I need a old Johnson matchbox tuner... I love my 650!!!
ki6up

7981. Re: [TS-850_450_690] found CAR brd

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-06-03 21:52:44 UTC
From: Dave ve3wej
Topic: 7980 Message: 7981

>I love my 650!!!

what is a 650???

7982. New Member

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-06-03 11:19:03 UTC
From: davidjt01
Topic: 782 Message: 7982

I am a new member, looking for advice on curing a noisy TS850S; unfortunately I shall be learning how best to use a scope and a sig gen at the same time, but having (fairly) recently retired, can at least spend several hours at a stretch at the bench.
The fact that narrowing the filters does very little if anything to increase the S/N ratio presumably means that re-alignment is in order, assuming I can locate a service manual; at the same time, some idea of where the noise is being generated would obviously give me a flying start: is there a consensus that this rig has a noisy synthesizer, or that a particular board/component is prone to failure?

Incidentally, I'm not expecting the purity of a Drake or Collins receiver, the yardstick is an FT840 (heresy?)which out-performs the Kenwood on both TX & RX, when surely it should be the other way around?

Any help would be very much appreciated.

7983. Re: found CAR brd

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-06-04 00:00:43 UTC
From: kb1kox
Topic: 7980 Message: 7983

What is a new CAR board...???
I thought they were extinct...

Neil
AE1P

--- In TS-850_450_690@yahoogroups.com, "barnabas0223" <barnabas0223@...> wrote:
>
> Have a new CAR board on its way -
> Now - for SSB and CW filters and done - except I need a old Johnson matchbox tuner... I love my 650!!!
> ki6up
>

7984. Re: [TS-850_450_690] New Member

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-06-04 17:07:08 UTC
From: Zhang Johnson
Topic: 782 Message: 7984

Hi,

I'm in the same situation as you: new HAM, new member, newly got a TS-850 which I thought it's more noisy/less sensitive than my Grundig YB-400.

I did a simple check for common problem for low sensitivity and confirmed nothing wrong. I believe it need a alignment. I checked the service manual. It is likely that the basic requirement for most alignments is a multimeter and a network analyzer(or precision sweep generator + detector + scope). I don't have those equipment.

I don't know if somebody has an idea of doing alignment without those expensive equipment.

Thanks.

On Wed, Jun 3, 2009 at 4:19 AM, davidjt01 <davidjt01@...> wrote:

>
>
> I am a new member, looking for advice on curing a noisy TS850S;
> unfortunately I shall be learning how best to use a scope and a sig gen at
> the same time, but having (fairly) recently retired, can at least spend
> several hours at a stretch at the bench.
> The fact that narrowing the filters does very little if anything to
> increase the S/N ratio presumably means that re-alignment is in order,
> assuming I can locate a service manual; at the same time, some idea of where
> the noise is being generated would obviously give me a flying start: is
> there a consensus that this rig has a noisy synthesizer, or that a
> particular board/component is prone to failure?
>
> Incidentally, I'm not expecting the purity of a Drake or Collins receiver,
> the yardstick is an FT840 (heresy?)which out-performs the Kenwood on both TX
> & RX, when surely it should be the other way around?
>
> Any help would be very much appreciated.
>
>
>

[Non-text portions of this message have been removed]

7985. Re: New Member

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-06-04 19:21:26 UTC
From: Clif
Topic: 782 Message: 7985

I only have one comment; "Fools rush in where wise men won't go"

If the radio's in question have not been "messed with" as you are wanting to do alignment will not probably (95% certain) not help.

As to being noisy, disconnect the antenna, does the noise go away? Then it's not inside the radio and alignment won't help.

As to sensitivity, you need a calibrated signal generator to evaluate the sensitivity of a radio. If in checking the radio is down in sensitivity by more than 1-2 db it's not alignment, it's component failure.

Alignment is the very last thing a tech will do after repairing a radio, not the FIRST.

Clif

--- In TS-850_450_690@yahoogroups.com, Zhang Johnson <bicmosic@...> wrote:
>
> Hi,
>
> I'm in the same situation as you: new HAM, new member, newly got a TS-850
> which I thought it's more noisy/less sensitive than my Grundig YB-400.
>
> I did a simple check for common problem for low sensitivity and confirmed
> nothing wrong. I believe it need a alignment. I checked the service manual.
> It is likely that the basic requirement for most alignments is a multimeter
> and a network analyzer(or precision sweep generator + detector + scope). I
> don't have those equipment.
>
> I don't know if somebody has an idea of doing alignment without those
> expensive equipment.
>
> Thanks.
>
>
> On Wed, Jun 3, 2009 at 4:19 AM, davidjt01 <davidjt01@...> wrote:
>
> > >
> > >
> > > I am a new member, looking for advice on curing a noisy TS850S;
> > > unfortunately I shall be learning how best to use a scope and a sig gen at
> > > the same time, but having (fairly) recently retired, can at least spend
> > > several hours at a stretch at the bench.
> > > The fact that narrowing the filters does very little if anything to
> > > increase the S/N ratio presumably means that re-alignment is in order,
> > > assuming I can locate a service manual; at the same time, some idea of where

> > the noise is being generated would obviously give me a flying start: is
> > there a consensus that this rig has a noisy synthesizer, or that a
> > particular board/component is prone to failure?
> >
> > Incidentally, I'm not expecting the purity of a Drake or Collins receiver,
> > the yardstick is an FT840 (heresy?)which out-performs the Kenwood on both TX
> > & RX, when surely it should be the other way around?
> >
> > Any help would be very much appreciated.
> >
> >
> >
>
>
> [Non-text portions of this message have been removed]
>

7986. FS: DSP-100

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-06-06 17:28:47 UTC
From: k1dpm
Topic: 7986 Message: 7986

I have a nice DSP-100 that is excess to my needs if anyone in the group is interested. All original, looks great and works 100%. Comes with all cables and a manual. $725 shipped anywhere in the lower 48 states. PayPal or bank check only. Thank you!

7987. DSP-100 connected to two TS-850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-06-06 17:39:43 UTC
From: WN9D
Topic: 7987 Message: 7987

Hello, the TS-850 user manual has a figure showing how to connect a DSP-100 to two separate TS-850 xcvrs.

The manual doesn't have any information beyond this.

Does anyone have any additional details?

Thanks + '73,
Randy WN9D

[Non-text portions of this message have been removed]

7988. Re: FS: DSP-100

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-06-06 18:51:24 UTC
From: Ronald Ellwood-Thompson
Topic: 7986 Message: 7988

--- In TS-850_450_690@yahoogroups.com, "k1dpm" <rsmall@...> wrote:

Hi,
Is this DSP gold plated etc. It seems a very stiff price for what is now old technology. We have fully working TS-850s for far less than $750. I would suggest a price of $150 much more realistic.
Ron GW1HIN

>
> I have a nice DSP-100 that is excess to my needs if anyone in the group is interested. All original, looks great and works 100%. Comes with all cables and a manual. $725 shipped anywhere in the lower 48 states. PayPal or bank check only. Thank you!
>

7989. RE: [TS-850_450_690] Re: FS: DSP-100

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-06-06 19:31:01 UTC
From: rsmall
Topic: 7986 Message: 7989

Ron, thanks for your comment however, having purchased and sold many of these units and with all due respect, may I suggest that you look at recent prices of sold units. If you have Kenwood DSP-100s available at your suggested price of $150 as you indicated, I will buy all of them from you sight unseen and in ANY quantity you have. Thanks again! 73, Dick

---

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com] On Behalf Of Ronald Ellwood-Thompson
Sent: Saturday, June 06, 2009 2:51 PM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] Re: FS: DSP-100

--- In TS-850_450_690@ <mailto:TS-850_450_690%40yahoogroups.com> yahoogroups.com, "k1dpm" <rsmall@...> wrote:

Hi,
Is this DSP gold plated etc. It seems a very stiff price for what is now old technology. We have fully working TS-850s for far less than $750. I would suggest a price of $150 much more realistic.
Ron GW1HIN

>
> I have a nice DSP-100 that is excess to my needs if anyone in the group is interested. All original, looks great and works 100%. Comes with all cables and a manual. $725 shipped anywhere in the lower 48 states. PayPal or bank check only. Thank you!
>

[Non-text portions of this message have been removed]

7990. Re: [TS-850_450_690] Re: FS: DSP-100

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-06-06 20:11:48 UTC
From: Mike Christiansen
Topic: 7986 Message: 7990

Hi Ron,

I have seen these sell on eBay recently between $700 and $850
depending on there condition. So $725 is in the ballpark for these
units. They are rare and hard to find

Mike, N4GW

On Jun 6, 2009, at 2:51 PM, Ronald Ellwood-Thompson wrote:

>
>
> --- In TS-850_450_690@yahoogroups.com, "k1dpm" <rsmall@...> wrote:
>
> Hi,
> Is this DSP gold plated etc. It seems a very stiff price for what is
> now old technology. We have fully working TS-850s for far less than
> $750. I would suggest a price of $150 much more realistic.
> Ron GW1HIN
>
> >
> > I have a nice DSP-100 that is excess to my needs if anyone in the
> group is interested. All original, looks great and works 100%. Comes
> with all cables and a manual. $725 shipped anywhere in the lower 48
> states. PayPal or bank check only. Thank you!
> >
>
>
>

[Non-text portions of this message have been removed]

7991. RE: [TS-850_450_690] Re: FS: DSP-100

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-06-06 20:11:34 UTC
From: rsmall
Topic: 7986 Message: 7991

Ron ... PS. The DSP-100 sold for $725 less than 3 hours after I listed it. I do appreciate your interest however and my offer to purchase DSP-100s at your suggested price of $150 stands indefinately. Please let me know how many working units you have and your address to send funds. Do you accept PayPal? Thanks! Dick/K1DPM.

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com] On Behalf Of Ronald Ellwood-Thompson
Sent: Saturday, June 06, 2009 2:51 PM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] Re: FS: DSP-100

--- In TS-850_450_690@ <mailto:TS-850_450_690%40yahoogroups.com> yahoogroups.com, "k1dpm" <rsmall@...> wrote:

Hi,
Is this DSP gold plated etc. It seems a very stiff price for what is now old technology. We have fully working TS-850s for far less than $750. I would suggest a price of $150 much more realistic.
Ron GW1HIN

>
> I have a nice DSP-100 that is excess to my needs if anyone in the group is interested. All original, looks great and works 100%. Comes with all cables and a manual. $725 shipped anywhere in the lower 48 states. PayPal or bank check only. Thank you!
>

[Non-text portions of this message have been removed]

7992. RE: [TS-850_450_690] Re: FS: DSP-100

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-06-06 20:20:47 UTC
From: rsmall
Topic: 7986 Message: 7992

DSP-100 is SOLD. Thanks to all who inquired.

73, Dick/K1DPM

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of Mike Christiansen
Sent: Saturday, June 06, 2009 4:12 PM
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] Re: FS: DSP-100

Hi Ron,

I have seen these sell on eBay recently between $700 and $850
depending on there condition. So $725 is in the ballpark for these
units. They are rare and hard to find

Mike, N4GW

On Jun 6, 2009, at 2:51 PM, Ronald Ellwood-Thompson wrote:

>
>
> --- In TS-850_450_690@ <mailto:TS-850_450_690%40yahoogroups.com>
yahoogroups.com, "k1dpm" <rsmall@...> wrote:
>
> Hi,
> Is this DSP gold plated etc. It seems a very stiff price for what is
> now old technology. We have fully working TS-850s for far less than
> $750. I would suggest a price of $150 much more realistic.
> Ron GW1HIN
>
> >
> > I have a nice DSP-100 that is excess to my needs if anyone in the
> group is interested. All original, looks great and works 100%. Comes
> with all cables and a manual. $725 shipped anywhere in the lower 48
> states. PayPal or bank check only. Thank you!
> >
>
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

7993. RE: [TS-850_450_690] Re: FS: DSP-100

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-06-06 21:34:38 UTC
From: WW3S
Topic: 7986 Message: 7993

how could you have sold it so fast at such a ridiculously high price ???
(tongue firmly planted in cheek...)

On 6/6/2009 4:20:47 PM, rsmall (rsmall@...) wrote:
> DSP-100 is SOLD. Thanks to all who inquired.
>
> 73, Dick/K1DPM
>
> _____
>
> From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.
> com]
> On Behalf Of Mike Christiansen
> Sent: Saturday, June 06, 2009 4:12 PM
> To: TS-850_450_690@yahoogroups.com
> Subject: Re: [TS-850_450_690] Re: FS: DSP-100
>
>
>
>
>
>
> Hi Ron,
>
> I have seen these sell on eBay recently between $700 and $850
> depending on there condition. So $725 is in the ballpark for these
> units. They are rare and hard to find
>
> Mike, N4GW
>
> On Jun 6, 2009, at 2:51 PM, Ronald Ellwood-Thompson wrote:
>
> >
> >
> > --- In TS-850_450_690@ <mailto:TS-850_450_690%40yahoogroups.com>
> yahoogroups.com, "k1dpm" <rsmall@...> wrote:
> >
> > Hi,
> > Is this DSP gold plated etc. It seems a very stiff price for what is
> > now old technology. We have fully working TS-850s for far less than
> > $750. I would suggest a price of $150 much more realistic.
> > Ron GW1HIN
> >
> > >
> > > I have a nice DSP-100 that is excess to my needs if anyone in the
> > group is interested. All original, looks great and works 100%. Comes

>

7994. Re: [TS-850_450_690] Re: FS: DSP-100

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-06-06 21:43:51 UTC
From: Bob Snelgrove
Topic: 7986 Message: 7994

Sucker born every minute??

bob

----- Original Message -----
From: WW3S
To: ts-850_450_690@yahoogroups.com
Sent: Saturday, June 06, 2009 2:34 PM
Subject: RE: [TS-850_450_690] Re: FS: DSP-100

how could you have sold it so fast at such a ridiculously high price ???
(tongue firmly planted in cheek...)

On 6/6/2009 4:20:47 PM, rsmall (rsmall@...) wrote:
> DSP-100 is SOLD. Thanks to all who inquired.
>
> 73, Dick/K1DPM
>
> _____
>
> From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.
> com]
> On Behalf Of Mike Christiansen
> Sent: Saturday, June 06, 2009 4:12 PM
> To: TS-850_450_690@yahoogroups.com
> Subject: Re: [TS-850_450_690] Re: FS: DSP-100
>
>
>
>
>
> Hi Ron,
>
> I have seen these sell on eBay recently between $700 and $850
> depending on there condition. So $725 is in the ballpark for these
> units. They are rare and hard to find
>
> Mike, N4GW
>
> On Jun 6, 2009, at 2:51 PM, Ronald Ellwood-Thompson wrote:
>
> >
> >
> > --- In TS-850_450_690@ <mailto:TS-850_450_690%40yahoogroups.com>
> yahoogroups.com, "k1dpm" <rsmall@...> wrote:
> >

> > Hi,
> > Is this DSP gold plated etc. It seems a very stiff price for what is
> > now old technology. We have fully working TS-850s for far less than
> > $750. I would suggest a price of $150 much more realistic.
> > Ron GW1HIN
> >
> > >
> > > I have a nice DSP-100 that is excess to my needs if anyone in the
> > group is interested. All original, looks great and works 100%. Comes
>

[Non-text portions of this message have been removed]

7995. RE: [TS-850_450_690] Re: FS: DSP-100

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-06-07 00:19:31 UTC
From: John Parker
Topic: 7986 Message: 7995

That is the going price....I paid 725.00 for mine. I don't consider myself a sucker. If your looking for one at $150.00 you will never own one.

I'm not being a butt, but I wanted one for a long time and I just couldn't get to that price. Finally, I did it....I'm happy, no regrets. I know I will get my money back if I decide to sell it.

73,

John KD7KFT

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com] On Behalf Of WW3S
Sent: Saturday, June 06, 2009 2:35 PM
To: ts-850_450_690@yahoogroups.com
Subject: RE: [TS-850_450_690] Re: FS: DSP-100

how could you have sold it so fast at such a ridiculously high price ???
(tongue firmly planted in cheek...)

On 6/6/2009 4:20:47 PM, rsmall (rsmall@maine. <mailto:rsmall%40maine.rr.com>
rr.com) wrote:
> DSP-100 is SOLD. Thanks to all who inquired.
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> From: TS-850_450_690@ <mailto:TS-850_450_690%40yahoogroups.com>
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> On Behalf Of Mike Christiansen
> Sent: Saturday, June 06, 2009 4:12 PM
> To: TS-850_450_690@ <mailto:TS-850_450_690%40yahoogroups.com>
yahoogroups.com
> Subject: Re: [TS-850_450_690] Re: FS: DSP-100
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> Mike, N4GW
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> > --- In TS-850_450_690@ <mailto:TS-850_450_690%40yahoogroups.com>
> yahoogroups.com, "k1dpm" <rsmall@...> wrote:
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> > > I have a nice DSP-100 that is excess to my needs if anyone in the
> > group is interested. All original, looks great and works 100%. Comes
>

[Non-text portions of this message have been removed]

7996. RE: [TS-850_450_690] Re: FS: DSP-100

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-06-06 21:51:11 UTC
From: rsmall
Topic: 7986 Message: 7996

PS...I received 3 offers to buy at $725 AFTER it sold. Honestly, that is the going price. What else can I say. It wasn't worth a penny less to me. It's called free market OM. :)

Have a good one!

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com] On Behalf Of Bob Snelgrove
Sent: Saturday, June 06, 2009 5:44 PM
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] Re: FS: DSP-100

Sucker born every minute??

bob

----- Original Message -----
From: WW3S
To: ts-850_450_690@ <mailto:ts-850_450_690%40yahoogroups.com> yahoogroups.com
Sent: Saturday, June 06, 2009 2:34 PM
Subject: RE: [TS-850_450_690] Re: FS: DSP-100

how could you have sold it so fast at such a ridiculously high price ???
(tongue firmly planted in cheek...)

On 6/6/2009 4:20:47 PM, rsmall (rsmall@maine. <mailto:rsmall%40maine.rr.com> rr.com) wrote:
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> From: TS-850_450_690@ <mailto:TS-850_450_690%40yahoogroups.com> yahoogroups.com [mailto:TS-850_450_690@yahoogroups.
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> On Behalf Of Mike Christiansen
> Sent: Saturday, June 06, 2009 4:12 PM
> To: TS-850_450_690@ <mailto:TS-850_450_690%40yahoogroups.com> yahoogroups.com
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> yahoogroups.com, "k1dpm" <rsmall@...> wrote:
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> > group is interested. All original, looks great and works 100%. Comes
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[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

7997. RE: [TS-850_450_690] Re: FS: DSP-100

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-06-06 21:51:11 UTC
From: rsmall
Topic: 7986 Message: 7997

I sold it at market price. Do your research and I believe you can confirm this. Anyway, thanks for the question OM
73, Dick/K1DPM

_____

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com] On Behalf Of WW3S
Sent: Saturday, June 06, 2009 5:35 PM
To: ts-850_450_690@yahoogroups.com
Subject: RE: [TS-850_450_690] Re: FS: DSP-100

how could you have sold it so fast at such a ridiculously high price ???
(tongue firmly planted in cheek...)

On 6/6/2009 4:20:47 PM, rsmall (rsmall@maine. <mailto:rsmall%40maine.rr.com> rr.com) wrote:
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> From: TS-850_450_690@ <mailto:TS-850_450_690%40yahoogroups.com> yahoogroups.com [mailto:TS-850_450_690@yahoogroups.
> com]
> On Behalf Of Mike Christiansen
> Sent: Saturday, June 06, 2009 4:12 PM
> To: TS-850_450_690@ <mailto:TS-850_450_690%40yahoogroups.com> yahoogroups.com
> Subject: Re: [TS-850_450_690] Re: FS: DSP-100
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[Non-text portions of this message have been removed]

7998. RE: [TS-850_450_690] Re: FS: DSP-100

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-06-06 21:51:11 UTC
From: rsmall
Topic: 7986 Message: 7998

There you go!! :)

_____

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of Bob Snelgrove
Sent: Saturday, June 06, 2009 5:44 PM
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] Re: FS: DSP-100

Sucker born every minute??

bob

----- Original Message -----
From: WW3S
To: ts-850_450_690@ <mailto:ts-850_450_690%40yahoogroups.com>
yahoogroups.com
Sent: Saturday, June 06, 2009 2:34 PM
Subject: RE: [TS-850_450_690] Re: FS: DSP-100

how could you have sold it so fast at such a ridiculously high price ???
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> From: TS-850_450_690@ <mailto:TS-850_450_690%40yahoogroups.com>
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> > group is interested. All original, looks great and works 100%. Comes
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

7999. Re: [TS-850_450_690] Re: FS: DSP-100

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-06-06 21:46:58 UTC
From: CT1EEK Nuno
Topic: 7986 Message: 7999

We can get this unit here for about 400?, more or less $565USD.

Of course it can be cheaper. It can be offer.

Nuno CT1EEK
IM59HD

----- Original Message -----
From: WW3S
To: ts-850_450_690@yahoogroups.com
Sent: Saturday, June 06, 2009 10:34 PM
Subject: RE: [TS-850_450_690] Re: FS: DSP-100

how could you have sold it so fast at such a ridiculously high price ???
(tongue firmly planted in cheek...)

On 6/6/2009 4:20:47 PM, rsmall (rsmall@...) wrote:
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> From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.
> com]
> On Behalf Of Mike Christiansen
> Sent: Saturday, June 06, 2009 4:12 PM
> To: TS-850_450_690@yahoogroups.com
> Subject: Re: [TS-850_450_690] Re: FS: DSP-100
>
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>
>
> Hi Ron,
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> units. They are rare and hard to find
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> Mike, N4GW
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> On Jun 6, 2009, at 2:51 PM, Ronald Ellwood-Thompson wrote:
>
> >
> >

> > --- In TS-850_450_690@ <mailto:TS-850_450_690%40yahoogroups.com>
> yahoogroups.com, "k1dpm" <rsmall@...> wrote:
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> > Hi,
> > Is this DSP gold plated etc. It seems a very stiff price for what is
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> > group is interested. All original, looks great and works 100%. Comes
>

[Non-text portions of this message have been removed]

8000. RE: [TS-850_450_690] Re: FS: DSP-100

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-06-07 01:53:37 UTC
From: WW3S
Topic: 7986 Message: 8000

I guess no one knows what tongue in cheek means....I know why you sold it so fast, thats the price and they are in demand....my response was aimed at the individual that suggested 150.00 was the going price and that 725 was ridiculous....I guess no one got that....no more attempts at humor for me....

On 6/6/2009 5:51:11 PM, rsmall (rsmall@...) wrote:
> I sold it at market price. Do your research and I believe you can confirm
> this. Anyway, thanks for the question OM
> 73, Dick/K1DPM
>
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> From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.
> com]
> On Behalf Of WW3S
> Sent: Saturday, June 06, 2009 5:35 PM
> To: ts-850_450_690@yahoogroups.com
> Subject: RE: [TS-850_450_690] Re: FS: DSP-100
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>
>
> how could you have sold it so fast at such a ridiculously high price ???
> (tongue firmly planted in cheek...)
>
> On 6/6/2009 4:20:47 PM, rsmall (rsmall@maine. <mailto:rsmall%40maine.rr.
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> rr.com) wrote:
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> > Sent: Saturday, June 06, 2009 4:12 PM
> > To: TS-850_450_690@ <mailto:TS-850_450_690%40yahoogroups.com>
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> > Subject: Re: [TS-850_450_690] Re: FS: DSP-100
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> >
> >
> >
> >
> > Hi Ron,
> >
> > I have seen these sell on eBay recently between $7

8001. RE: [TS-850_450_690] Re: FS: DSP-100

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-06-07 02:10:22 UTC
From: rsmall
Topic: 7986 Message: 8001

yup ... it absolutely went over my head in the heat of receiving many messages that I was trying to rape someone on the group and overcharge for the DSP-100. I appologize for my initial response to you. Of course it was an attempt at humor. I was just too dumb to pick that up!

73, Dick

_____

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com] On Behalf Of WW3S
Sent: Saturday, June 06, 2009 9:54 PM
To: ts-850_450_690@yahoogroups.com
Subject: RE: [TS-850_450_690] Re: FS: DSP-100

I guess no one knows what tongue in cheek means....I know why you sold it so

fast, thats the price and they are in demand....my response was aimed at the

individual that suggested 150.00 was the going price and that 725 was ridiculous....I guess no one got that....no more attempts at humor for me....

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> this. Anyway, thanks for the question OM
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> From: TS-850_450_690@ <mailto:TS-850_450_690%40yahoogroups.com> yahoogroups.com [mailto:TS-850_450_690@yahoogroups.
> com]
> On Behalf Of WW3S
> Sent: Saturday, June 06, 2009 5:35 PM
> To: ts-850_450_690@ <mailto:ts-850_450_690%40yahoogroups.com> yahoogroups.com
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> how could you have sold it so fast at such a ridiculously high price ???
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> > On Behalf Of Mike Christiansen
> > Sent: Saturday, June 06, 2009 4:12 PM
> > To: TS-850_450_690@ <mailto:TS-850_450_690%40yahoogroups.com>
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> > Subject: Re: [TS-850_450_690] Re: FS: DSP-100
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> >
> >
> > Hi Ron,
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> > I have seen these sell on eBay recently between $7

[Non-text portions of this message have been removed]

8002. Re: [TS-850_450_690] Re: FS: DSP-100

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-06-07 19:06:05 UTC
From: Paul Spiteri
Topic: 7986 Message: 8002

Hi,
I think better to discuss price in private next time. If someone was interested he will e-mail you for sure.
Compliments for the buyer, Hope he will enjoy it ;-) Like to have one on my TS-850.
73s
9H1SP
Paul

----- Original Message -----
From: rsmall
To: TS-850_450_690@yahoogroups.com
Sent: Saturday, June 06, 2009 11:51 PM
Subject: RE: [TS-850_450_690] Re: FS: DSP-100

I sold it at market price. Do your research and I believe you can confirm this. Anyway, thanks for the question OM
73, Dick/K1DPM

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From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com] On Behalf Of WW3S
Sent: Saturday, June 06, 2009 5:35 PM
To: ts-850_450_690@yahoogroups.com
Subject: RE: [TS-850_450_690] Re: FS: DSP-100

how could you have sold it so fast at such a ridiculously high price ???
(tongue firmly planted in cheek...)

On 6/6/2009 4:20:47 PM, rsmall (rsmall@maine. <mailto:rsmall%40maine.rr.com> rr.com) wrote:
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> 73, Dick/K1DPM
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> From: TS-850_450_690@ <mailto:TS-850_450_690%40yahoogroups.com> yahoogroups.com [mailto:TS-850_450_690@yahoogroups.
> com]
> On Behalf Of Mike Christiansen
> Sent: Saturday, June 06, 2009 4:12 PM
> To: TS-850_450_690@ <mailto:TS-850_450_690%40yahoogroups.com> yahoogroups.com
> Subject: Re: [TS-850_450_690] Re: FS: DSP-100
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> depending on there condition. So $725 is in the ballpark for these
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> On Jun 6, 2009, at 2:51 PM, Ronald Ellwood-Thompson wrote:
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> > --- In TS-850_450_690@ <mailto:TS-850_450_690%40yahoogroups.com>
> yahoogroups.com, "k1dpm" <rsmall@...> wrote:
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> > >
> > > I have a nice DSP-100 that is excess to my needs if anyone in the
> > group is interested. All original, looks great and works 100%. Comes
>

[Non-text portions of this message have been removed]

--
I am using the free version of SPAMfighter.
We are a community of 6 million users fighting spam.
SPAMfighter has removed 467 of my spam emails to date.
Get the free SPAMfighter here: http://www.spamfighter.com/len

The Professional version does not have this message

[Non-text portions of this message have been removed]

8003. Re: FS: DSP-100

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-06-07 20:40:30 UTC
From: ab2et
Topic: 7986 Message: 8003

Well with that gents DSP-10 unit price and speed setting record it looks like I will have to go to the garage and take some snappy pictures of my unit (in the box and wrap) and quickly put it on eYeck before the price drops.
Haven't had to used it in over 3 years, the latest I-PAN/DSP setups in conjunction with the TS-850 are fantastic and I new used the TX audio portion anyway.
73's
Steve
AB2ET/4
--- In TS-850_450_690@yahoogroups.com, "rsmall" <rsmall@...> wrote:
>
> yup ... it absolutely went over my head in the heat of receiving many
> messages that I was trying to rape someone on the group and overcharge for
> the DSP-100. I appologize for my initial response to you. Of course it was
> an attempt at humor. I was just too dumb to pick that up!
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> 73, Dick
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> From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
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> To: ts-850_450_690@yahoogroups.com
> Subject: RE: [TS-850_450_690] Re: FS: DSP-100
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> I guess no one knows what tongue in cheek means....I know why you sold it so
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> >
> >
> >
> >
> >
> > how could you have sold it so fast at such a ridiculously high price ???
> > (tongue firmly planted in cheek...)
> >
> > On 6/6/2009 4:20:47 PM, rsmall (rsmall@maine. <mailto:rsmall%40maine.rr.
> > com>
> > rr.com) wrote:
> > > DSP-100 is SOLD. Thanks to all who inquired.
> > >
> > > 73, Dick/K1DPM
> > >
> > > _____
> > >
> > > From: TS-850_450_690@ <mailto:TS-850_450_690%40yahoogroups.com>
> > yahoogroups.com [mailto:TS-850_450_690@yahoogroups.
> > > com]
> > > On Behalf Of Mike Christiansen
> > > Sent: Saturday, June 06, 2009 4:12 PM
> > > To: TS-850_450_690@ <mailto:TS-850_450_690%40yahoogroups.com>
> > yahoogroups.com
> > > Subject: Re: [TS-850_450_690] Re: FS: DSP-100
> > >
> > >
> > >
> > >
> > >
> > > Hi Ron,
> > >
> > > I have seen these sell on eBay recently between $7
> >
> >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >

8004. Re: [TS-850_450_690] Re: FS: DSP-100

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-06-07 21:01:13 UTC
From: Tom Osborne
Topic: 7986 Message: 8004

I guess it just depends how bad someone wants something.

I listed a Zenith table radio on eBay at work for a customer, and that radio went for $2750. We put a $200 reserve on it and wasn't sure it would go that high, due to the condition of the radio. Within 2 hours of listing it, it was at $2000 and had one offer of $700 for the radio or $600 just for the case. 73
Tom W7WHY

> Well with that gents DSP-10 unit price and speed setting record it looks
> like I will have to go to the garage and take some snappy pictures of my
> unit (in the box and wrap) and quickly put it on eYeck before the price
> drops.
> Haven't had to used it in over 3 years, the latest I-PAN/DSP setups in
> conjunction with the TS-850 are fantastic and I new used the TX audio
> portion anyway.
> 73's
> Steve
> AB2ET/4

8005. RE: [TS-850_450_690] Re: FS: DSP-100

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-06-07 21:58:39 UTC
From: rsmall
Topic: 7986 Message: 8005

Point well taken Paul but when a group member questions your motives with the entire group, one may feel a bit defensive. I did! :) Anyway, you are right of course and maters like this should indeed be reserved for private email.

73,
Dick

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com] On Behalf Of Paul Spiteri
Sent: Sunday, June 07, 2009 3:06 PM
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] Re: FS: DSP-100

Hi,
I think better to discuss price in private next time. If someone was interested he will e-mail you for sure.
Compliments for the buyer, Hope he will enjoy it ;-) Like to have one on my TS-850.
73s
9H1SP
Paul

----- Original Message -----
From: rsmall
To: TS-850_450_690@ <mailto:TS-850_450_690%40yahoogroups.com> yahoogroups.com
Sent: Saturday, June 06, 2009 11:51 PM
Subject: RE: [TS-850_450_690] Re: FS: DSP-100

I sold it at market price. Do your research and I believe you can confirm this. Anyway, thanks for the question OM
73, Dick/K1DPM

From: TS-850_450_690@ <mailto:TS-850_450_690%40yahoogroups.com> yahoogroups.com [mailto:TS-850_450_690@ <mailto:TS-850_450_690%40yahoogroups.com> yahoogroups.com] On Behalf Of WW3S
Sent: Saturday, June 06, 2009 5:35 PM
To: ts-850_450_690@ <mailto:ts-850_450_690%40yahoogroups.com> yahoogroups.com
Subject: RE: [TS-850_450_690] Re: FS: DSP-100

how could you have sold it so fast at such a ridiculously high price ???
(tongue firmly planted in cheek...)

On 6/6/2009 4:20:47 PM, rsmall (rsmall@maine. <mailto:rsmall%40maine.rr.com>
rr.com) wrote:
> DSP-100 is SOLD. Thanks to all who inquired.
>
> 73, Dick/K1DPM
>
> _____
>
> From: TS-850_450_690@ <mailto:TS-850_450_690%40yahoogroups.com>
yahoogroups.com [mailto:TS-850_450_690@yahoogroups.
> com]
> On Behalf Of Mike Christiansen
> Sent: Saturday, June 06, 2009 4:12 PM
> To: TS-850_450_690@ <mailto:TS-850_450_690%40yahoogroups.com>
yahoogroups.com
> Subject: Re: [TS-850_450_690] Re: FS: DSP-100
>
>
>
>
>
> Hi Ron,
>
> I have seen these sell on eBay recently between $700 and $850
> depending on there condition. So $725 is in the ballpark for these
> units. They are rare and hard to find
>
> Mike, N4GW
>
> On Jun 6, 2009, at 2:51 PM, Ronald Ellwood-Thompson wrote:
>
> >
> >
> > --- In TS-850_450_690@ <mailto:TS-850_450_690%40yahoogroups.com>
> yahoogroups.com, "k1dpm" <rsmall@...> wrote:
> >
> > Hi,
> > Is this DSP gold plated etc. It seems a very stiff price for what is
> > now old technology. We have fully working TS-850s for far less than
> > $750. I would suggest a price of $150 much more realistic.
> > Ron GW1HIN
> >
> > >
> > > I have a nice DSP-100 that is excess to my needs if anyone in the
> > group is interested. All original, looks great and works 100%. Comes
> >

[Non-text portions of this message have been removed]

--
I am using the free version of SPAMfighter.
We are a community of 6 million users fighting spam.
SPAMfighter has removed 467 of my spam emails to date.
Get the free SPAMfighter here: http://www.spamfigh
<http://www.spamfighter.com/len> ter.com/len

The Professional version does not have this message

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

8006. Re: New Member

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-06-08 13:18:42 UTC
From: davidjt01
Topic: 782 Message: 8006

--- In TS-850_450_690@yahoogroups.com, "Clif" <clif@...> wrote:
>
> I only have one comment; "Fools rush in where wise men won't go"
>
> If the radio's in question have not been "messed with" as you are wanting to do alignment will not probably (95% certain) not help.
>
> As to being noisy, disconnect the antenna, does the noise go away? Then it's not inside the radio and alignment won't help.
>
> As to sensitivity, you need a calibrated signal generator to evaluate the sensitivity of a radio. If in checking the radio is down in sensitivity by more than 1-2 db it's not alignment, it's component failure.
>
> Alignment is the very last thing a tech will do after repairing a radio, not the FIRST.
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, Zhang Johnson <bicmosic@> wrote:
> >
> > Hi,
> >
> > I'm in the same situation as you: new HAM, new member, newly got a TS-850
> > which I thought it's more noisy/less sensitive than my Grundig YB-400.
> >
> > I did a simple check for common problem for low sensitivity and confirmed
> > nothing wrong. I believe it need a alignment. I checked the service manual.
> > It is likely that the basic requirement for most alignments is a multimeter
> > and a network analyzer(or precision sweep generator + detector + scope). I
> > don't have those equipment.
> >
> > I don't know if somebody has an idea of doing alignment without those
> > expensive equipment.
> >
> > Thanks.
> >
> >
> > On Wed, Jun 3, 2009 at 4:19 AM, davidjt01 <davidjt01@> wrote:
> >
> > >
> > >
> > > I am a new member, looking for advice on curing a noisy TS850S;
> > > unfortunately I shall be learning how best to use a scope and a sig gen at
> > > the same time, but having (fairly) recently retired, can at least spend
> > > several hours at a stretch at the bench.

> > > The fact that narrowing the filters does very little if anything to
> > > increase the S/N ratio presumably means that re-alignment is in order,
> > > assuming I can locate a service manual; at the same time, some idea of where
> > > the noise is being generated would obviously give me a flying start: is
> > > there a consensus that this rig has a noisy synthesizer, or that a
> > > particular board/component is prone to failure?
> > >
> > > Incidentally, I'm not expecting the purity of a Drake or Collins receiver,
> > > the yardstick is an FT840 (heresy?)which out-performs the Kenwood on both TX
> > > & RX, when surely it should be the other way around?
> > >
> > > Any help would be very much appreciated.
> > >
> > >
> > >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>I take the point about alignment being the final, as opposed to the first operation; the high mush level is present with no antenna connection, and as there seems to be no consensus on a common component failure, I guess it's suck it and see. Is the service manual available anywhwere as a pdf download, or will I have to buy one?
Thanks
DJT

8007. Items FS

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-06-08 13:51:19 UTC
From: John Parker
Topic: 8007 Message: 8007

All,

I have been overwhelmed with the amout of stuff that I have to move to Oahu. Therefore, I have decided to sell my Kenwood station.

I have the following items for your consideration:

Kenwood TS-850SAT with SSB and CW filters, upgraded DSP chips, etc. $795.00 + shipping with original box

Kenwood DSP-100, $725.00 + shipping. No cables.

MC-60A, new never used. $115.00 + shipping with original box

Kenwood TL-922, absolutely mint condition, $1,150.00 + shipping with original box

Kenwood SW-2000 with three couplers, SW-1,2,3 $225.00+shiping

Kenwood SP-31, original box $95.00+shipping

Kenwood heavy duty power supply PS-53, mint condition. $185.00 + shipping.

I prefer M.O.

73,

John KD7KFT

[Non-text portions of this message have been removed]

8008. RE: [TS-850_450_690] Items FS

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-06-08 15:52:58 UTC
From: rsmall
Topic: 8007 Message: 8008

John, Do you have pictures available for the TL-922? Original Eimac tubes? Please confirm no issues. Thank you!

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com] On Behalf Of John Parker
Sent: Monday, June 08, 2009 9:51 AM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] Items FS

All,

I have been overwhelmed with the amout of stuff that I have to move to Oahu. Therefore, I have decided to sell my Kenwood station.

I have the following items for your consideration:

Kenwood TS-850SAT with SSB and CW filters, upgraded DSP chips, etc. $795.00 + shipping with original box

Kenwood DSP-100, $725.00 + shipping. No cables.

MC-60A, new never used. $115.00 + shipping with original box

Kenwood TL-922, absolutely mint condition, $1,150.00 + shipping with original box

Kenwood SW-2000 with three couplers, SW-1,2,3 $225.00+shiping

Kenwood SP-31, original box $95.00+shipping

Kenwood heavy duty power supply PS-53, mint condition. $185.00 + shipping.

I prefer M.O.

73,

John KD7KFT

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[Non-text portions of this message have been removed]

8009. Re: [TS-850_450_690] Items FS

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-06-08 17:11:43 UTC
From: parkjv1@comcast.net
Topic: 8007 Message: 8009

I will have to take a look when I get home. I believe they are a matched pair.

There are no issues with this unit. It has been modified for 10M I believe.

There isn't a single scratch, blemis, fade, etc. Just as if it were buit yesterday.

John

----- Original Message -----
From: "rsmall" <rsmall@...>
To: "TS-850 450 690" <TS-850_450_690@yahoogroups.com>
Sent: Monday, June 8, 2009 8:52:58 AM GMT -08:00 US/Canada Pacific
Subject: RE: [TS-850_450_690] Items FS

John, Do you have pictures available for the TL-922? Original Eimac tubes?
Please confirm no issues. Thank you!

_____

From: TS-850_450_690@yahoogroups.com [mailto: TS-850_450_690@yahoogroups.com]
On Behalf Of John Parker
Sent: Monday, June 08, 2009 9:51 AM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] Items FS

All,

I have been overwhelmed with the amout of stuff that I have to move to Oahu.
Therefore, I have decided to sell my Kenwood station.

I have the following items for your consideration:

Kenwood TS-850SAT with SSB and CW filters, upgraded DSP chips, etc. $795.00
+ shipping with original box

Kenwood DSP-100, $725.00 + shipping. No cables.

MC-60A, new never used. $115.00 + shipping with original box

Kenwood TL-922, absolutely mint condition, $1,150.00 + shipping with
original box

Kenwood SW-2000 with three couplers, SW-1,2,3 $225.00+shiping

Kenwood SP-31, original box $95.00+shipping

Kenwood heavy duty power supply PS-53, mint condition. $185.00 + shipping.

I prefer M.O.

73,

John KD7KFT

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[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

8010. TS-850 DC-DC converter

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-06-09 14:20:02 UTC
From: vk6gx
Topic: 8010 Message: 8010

Hi All,

I recently suffered, like so many others, the symptoms of a misbehaving DC-DC converter board, i.e. fluctuating power out and ALC levels, all modes, but more severe and of shorter duration at higher power out/carrier settings, even into a 50 Ohm dummy load.
Referring to the groups files section there is some very helpful information there. Firstly I found my HB 13.8V 25Amp power supply had fallen to 13.6Volts, adjusting it back to 13.8V, modified and reduced the severity of the power fluctuations. Further reading suggested reducing the values of R2 & R3 on the DC-DC converter board from 22k to 18k to make the circuit more tolerant of input voltage variations. I removed the RF board and checked all the components on the DC-DC converter, (which is a small board mounted on a 11 pin header), and the associated components on the RF board and finding no problems (the circuit diagram shows C626 & C628 with polarities reversed, they are actually wired correctly on the board), I decided to change the values of R2 & R3 to 18k. The easiest way to do this is to bend the DC-DC board connections so that it lies at a better angle to access the components.
Either replace the existing 22k SMD resistors with conventional 18k types or if you don't have that value handy, bridge the existing 22k resistors with 100k's, to give a parallel combination of 18k.
This modification completely cured my rig of any power/ALC variations.
Thanks, I believe, must go to ON7GO for devising this fix. As a bonus, the rigs display now illuminates the instant that the power is turned on, whereas it used to take up to several seconds on occasions prior to this mod. These DC-DC converter boards are probably in short supply by now, so this mod is worth a try if you have these symptoms.
While you have the RF board removed , if you haven't already done the well known noise blanker mod, I strongly suggest you do. It is only a matter of removing SMD capacitors C618 & C619, both 0.01mfd. The NB will be much more effective in removing both impulse and power line noise, almost as good as the superb TS-830S noise blanker!
To anyone contemplating doing the Inrad roofing filter mod, it is well worth the effort. Not as easy to perform as similar mods for other rigs, but definitely reduces the main drawback of up-conversion rigs.
Good luck & 73, Phil VK6GX.

8011. Hi to all and?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-06-09 09:54:14 UTC
From: g4yyj
Topic: 8011 Message: 8011

Just joined this group after buying a TS450S/AT getting back into radio after a 15 year break. I have picked up a nice example which is clean and seems to be working all ok.

Out of interest is it possible to work out how old my example is say, from the serial numbers?

I am trawling through all the past posts at the moment trying to get an idea of mods and common problems. So that will keep me busy for a while.

Thanks to all members for the postings a lot of good info on there.

Hope to catch you on the bands some day.

Pete G4YYJ

8012. Re: New Member

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-06-09 15:35:34 UTC
From: ny1t
Topic: 782 Message: 8012

Near the bottom of the page is the link to TS-850 Service Manual (not the "ads by Google" or "Sponsored Links")
http://www.dxzone.com/catalog/Radio_Equipment/HF_Transceivers/Kenwood_TS-850/

You can find lots of info with a Google search kenwood ts-850 or ts-850 service manual

Have fun. Galen

8013. Re: TS-850 DC-DC converter

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-06-09 17:16:54 UTC
From: Roland Spoon
Topic: 8010 Message: 8013

Aloha Phil,

I did the Roofing filter as soon as Inrad put them up for sale and like you found it to be the best mod you could ever do to this fine radio. When you can get 3khz away from a S9 signal and not get a scratch and work a S2 signal it just brings a great big smile to me :=). I keep a new spare DC-DC converter board just in case.

73
Roland AH6RR

--- In TS-850_450_690@yahoogroups.com, "vk6gx" <philyndas@...> wrote:
>
> Hi All,
>
> I recently suffered, like so many others, the symptoms of a misbehaving DC-DC converter board, i.e. fluctuating power out and ALC levels, all modes, but more severe and of shorter duration at higher power out/carrier settings, even into a 50 Ohm dummy load.
> Referring to the groups files section there is some very helpful information there. Firstly I found my HB 13.8V 25Amp power supply had fallen to 13.6Volts, adjusting it back to 13.8V, modified and reduced the severity of the power fluctuations. Further reading suggested reducing the values of R2 & R3 on the DC-DC converter board from 22k to 18k to make the circuit more tolerant of input voltage variations. I removed the RF board and checked all the components on the DC-DC converter, (which is a small board mounted on a 11 pin header), and the associated components on the RF board and finding no problems (the circuit diagram shows C626 & C628 with polarities reversed, they are actually wired correctly on the board), I decided to change the values of R2 & R3 to 18k. The easiest way to do this is to bend the DC-DC board connections so that it lies at a better angle to access the components.
> Either replace the existing 22k SMD resistors with conventional 18k types or if you don't have that value handy, bridge the existing 22k resistors with 100k's, to give a parallel combination of 18k.
> This modification completely cured my rig of any power/ALC variations.
> Thanks, I believe, must go to ON7GO for devising this fix. As a bonus, the rigs display now illuminates the instant that the power is turned on, whereas it used to take up to several seconds on occasions prior to this mod. These DC-DC converter boards are probably in short supply by now, so this mod is worth a try if you have these symptoms.
> While you have the RF board removed , if you haven't already done the well known noise blanker mod, I strongly suggest you do. It is only a matter of removing SMD capacitors C618 & C619, both 0.01mfd. The NB will be much more effective in removing both impulse and power line noise, almost as good as the superb TS-830S noise blanker!
> To anyone contemplating doing the Inrad roofing filter mod, it is well worth the effort. Not as easy to perform as similar mods for other rigs, but definitely reduces the main drawback of up-conversion rigs.
> Good luck & 73, Phil VK6GX.
>

8014. RE: [TS-850_450_690] Re: TS-850 DC-DC converter

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-06-09 18:14:07 UTC
From: Bill Maddock
Topic: 8010 Message: 8014

Is the roofing filter switchable? Can you select either the 15 or the 3k? I still like listen to AM
Shortwave broadcast!
Thanks and 73
De Bill N4ZI

-----Original Message-----
From: Roland Spoon <Toesonnose@...>
Sent: Tuesday, June 09, 2009 12:16 PM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] Re: TS-850 DC-DC converter

Aloha Phil,

I did the Roofing filter as soon as Inrad put them up for sale and like you found it to be the best mod you could ever do to this fine radio. When you can get 3khz away from a S9 signal and not get a scratch and work a S2 signal it just brings a great big smile to me :=). I keep a new spare DC-DC converter board just in case.

73
Roland AH6RR

--- In TS-850_450_690@yahoogroups.com, "vk6gx" <philyndas@...> wrote:
>
> Hi All,
>
> I recently suffered, like so many others, the symptoms of a misbehaving DC-DC converter board, i.e. fluctuating power out and ALC levels, all modes, but more severe and of shorter duration at higher power out/carrier settings, even into a 50 Ohm dummy load.
> Referring to the groups files section there is some very helpful information there. Firstly I found my HB 13.8V 25Amp power supply had fallen to 136Volts, adjusting it back to 13.8V, modified and reduced the severity of the power fluctuations. Further reading suggested reducing the values of R2 & R3 on the DC-DC converter board from 22k to 18k to make the circuit more tolerant of input voltage variations. I removed the RF board and checked all the components on the DC-DC converter, (which is a small board mounted on a 11 pin header), and the associated components on the RF board and finding no problems (the circuit d

[The entire original message is not included]

[Non-text portions of this message have been removed]

8015. Re: TS-850 DC-DC converter

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-06-09 18:22:00 UTC
From: Roland Spoon
Topic: 8010 Message: 8015

Bill the filter is 6khz it is ok for am. The reason I said 3khz because of the SSB is only half the width.

Roland AH6RR

-- In TS-850_450_690@yahoogroups.com, Bill Maddock <n4zi96@...> wrote:
>
> Is the roofing filter switchable? Can you select either the 15 or the 3k? I still like listen to AM
> Shortwave broadcast!
> Thanks and 73
> De Bill N4ZI
>
> -----Original Message-----
> From: Roland Spoon <Toesonnose@...>
> Sent: Tuesday, June 09, 2009 12:16 PM
> To: TS-850_450_690@yahoogroups.com
> Subject: [TS-850_450_690] Re: TS-850 DC-DC converter
>
>
>
> Aloha Phil,
>
> I did the Roofing filter as soon as Inrad put them up for sale and like you found it to be the best mod you could ever do to this fine radio. When you can get 3khz away from a S9 signal and not get a scratch and work a S2 signal it just brings a great big smile to me :=). I keep a new spare DC-DC converter board just in case.
>
> 73
> Roland AH6RR
>
> --- In TS-850_450_690@yahoogroups.com, "vk6gx" <philyndas@> wrote:
> >
> > Hi All,
> >
> > I recently suffered, like so many others, the symptoms of a misbehaving DC-DC converter board, i.e. fluctuating power out and ALC levels, all modes, but more severe and of shorter duration at higher power out/carrier settings, even into a 50 Ohm dummy load.
> > Referring to the groups files section there is some very helpful information there. Firstly I found my HB 13.8V 25Amp power supply had fallen to 136Volts, adjusting it back to 13.8V, modified and reduced the severity of the power fluctuations. Further reading suggested reducing the values of R2 & R3 on the DC-DC converter board from 22k to 18k to make the circuit more tolerant of input voltage variations. I removed the RF board and checked all the components on the DC-DC converter, (which is a small board mounted on a 11 pin header), and the associated components on the RF board and finding no problems (the

circuit d
>
> [The entire original message is not included]
>
> [Non-text portions of this message have been removed]
>

8016. Re: [TS-850_450_690] Re: TS-850 DC-DC converter

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-06-09 23:30:55 UTC
From: Bill Maddock
Topic: 8010 Message: 8016

Roland,

Do you have a switch to select either the 15k or 6k filter?

Thanks,

Bill N4ZI

--- On Tue, 6/9/09, Roland Spoon <Toesonnose@hawaii.rr.com> wrote:

From: Roland Spoon <Toesonnose@...>
Subject: [TS-850_450_690] Re: TS-850 DC-DC converter
To: TS-850_450_690@...m
Date: Tuesday, June 9, 2009, 1:22 PM

Bill the filter is 6khz it is ok for am. The reason I said 3khz because of the SSB is only half the width.

Roland AH6RR

-- In TS-850_450_690@ yahoogroups. com, Bill Maddock <n4zi96@...> wrote:

>

> Is the roofing filter switchable? Can you select either the 15 or the 3k? I still like listen to AM

> Shortwave broadcast!

> Thanks and 73

> De Bill N4ZI

>

> -----Original Message-----

> From: Roland Spoon <Toesonnose@ ...>

> Sent: Tuesday, June 09, 2009 12:16 PM

> To: TS-850_450_690@ yahoogroups. com

> Subject: [TS-850_450_ 690] Re: TS-850 DC-DC converter

>

>

>

> Aloha Phil,

>

> I did the Roofing filter as soon as Inrad put them up for sale and like you found it to be the best mod you could ever do to this fine radio. When you can get 3khz away from a S9 signal and not get a scratch and work a S2 signal it just brings a great big smile to me :=). I keep a new spare DC-DC converter board just in case.

>

> 73

> Roland AH6RR

>

> --- In TS-850_450_690@ yahoogroups. com, "vk6gx" <philyndas@> wrote:

> >

> > Hi All,

> >

> > I recently suffered, like so many others, the symptoms of a misbehaving DC-DC converter board, i.e. fluctuating power out and ALC levels, all modes, but more severe and of shorter duration at higher power out/carrier settings, even into a 50 Ohm dummy load.

> > Referring to the groups files section there is some very helpful information there. Firstly I found my HB 13.8V 25Amp power supply had fallen to 136Volts, adjusting it back to 13.8V, modified and reduced the severity of the power fluctuations. Further reading suggested reducing the values of R2 & R3 on the DC-DC converter board from 22k to 18k to make the circuit more tolerant of input voltage variations. I removed the RF board and checked all the components on the DC-DC converter, (which is a small board mounted on a 11 pin header), and the associated components on the RF board and finding no problems (the circuit d

>

> [The entire original message is not included]

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> [Non-text portions of this message have been removed]

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[Non-text portions of this message have been removed]

8017. Re: TS-850 DC-DC converter

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-06-10 00:23:50 UTC
From: Roland Spoon
Topic: 8010 Message: 8017

Aloha Bill,

Sorry but once you put the Roofing filter you cannot swtich it in or out you have to remove some surface mount componets that will disable the 15khz filter.
73
Roland AH6RR

--- In TS-850_450_690@...m, Bill Maddock <n4zi96@...> wrote:
>
> Roland,
>
>   Do you have a switch to select either the 15k or 6k filter?
>
> Thanks,
>
> Bill N4ZI
>
> --- On Tue, 6/9/09, Roland Spoon <Toesonnose@...> wrote:
>
> From: Roland Spoon <Toesonnose@...>
> Subject: [TS-850_450_690] Re: TS-850 DC-DC converter
> To: TS-850_450_690@yahoogroups.com
> Date: Tuesday, June 9, 2009, 1:22 PM
>
>
>
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>
>
>
> Bill the filter is 6khz it is ok for am. The reason I said 3khz because of the SSB is only half the width.
>
>
>

> Roland AH6RR
>
>
>
> -- In TS-850_450_690@ yahoogroups. com, Bill Maddock <n4zi96@> wrote:
>
> >
>
> > Is the roofing filter switchable? Can you select either the 15 or the 3k? I still like listen to AM
>
> > Shortwave broadcast!
>
> > Thanks and 73
>
> > De Bill N4ZI
>
> >
>
> > -----Original Message-----
>
> > From: Roland Spoon <Toesonnose@ ...>
>
> > Sent: Tuesday, June 09, 2009 12:16 PM
>
> > To: TS-850_450_690@ yahoogroups. com
>
> > Subject: [TS-850_450_ 690] Re: TS-850 DC-DC converter
>
> >
>
> >
>
> >
>
> >
>
> > Aloha Phil,
>
> >
>
> > I did the Roofing filter as soon as Inrad put them up for sale and like you found it to be the best mod you could ever do to this fine radio. When you can get 3khz away from a S9 signal and not get a scratch and work a S2 signal it just brings a great big smile to me :=). I keep a new spare DC-DC converter board just in case.
>
> >
>
> > 73
>
> > Roland AH6RR
>

> >
>
> > --- In TS-850_450_690@ yahoogroups. com, "vk6gx" <philyndas@> wrote:
>
> > >
>
> > > Hi All,
>
> > >
>
> > > I recently suffered, like so many others, the symptoms of a misbehaving DC-DC converter board, i.e. fluctuating power out and ALC levels, all modes, but more severe and of shorter duration at higher power out/carrier settings, even into a 50 Ohm dummy load.
>
> > > Referring to the groups files section there is some very helpful information there. Firstly I found my HB 13.8V 25Amp power supply had fallen to 136Volts, adjusting it back to 13.8V, modified and reduced the severity of the power fluctuations. Further reading suggested reducing the values of R2 & R3 on the DC-DC converter board from 22k to 18k to make the circuit more tolerant of input voltage variations. I removed the RF board and checked all the components on the DC-DC converter, (which is a small board mounted on a 11 pin header), and the associated components on the RF board and finding no problems (the circuit d
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> > [The entire original message is not included]
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> > [Non-text portions of this message have been removed]
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> [Non-text portions of this message have been removed]
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8018. Re: New Member

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-06-10 11:13:53 UTC
From: g4yyj
Topic: 782 Message: 8018

--- In TS-850_450_690@yahoogroups.com, "ny1t" <ny1t@...> wrote:
>
> Near the bottom of the page is the link to TS-850 Service Manual (not the "ads by Google" or "Sponsored Links")
> http://www.dxzone.com/catalog/Radio_Equipment/HF_Transceivers/Kenwood_TS-850/
>
> You can find lots of info with a Google search kenwood ts-850 or ts-850 service manual
>
> Have fun. Galen
>

Thanks for the info Galen but mine is the TS450S not TS850. I have got the manual (original) and whilst a service manual would be handy not sure I would want to get my sticky fingers in there. I do not have any test gear so would leave that kind of thing to the pros.

Pete

8019. No transmit on ts-950

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-06-11 23:24:49 UTC
From: flogger426
Topic: 8019 Message: 8019

i know this is not the 950 group, but one doesn't exist so i hope you don't mind me posting here - i love kenwood rigs and own a ts-850. recently i picked up a ts-950. problem is transmit is dead - i pulled the driver and final transistors and they all test good. when i key the mic the red transmit light comes on, but there is no output - nothing dead - i tried listening on another radio, but nothing there. the txb line is switching. any ideas would be appreciated.

thx, john

8020. Re: [TS-850_450_690] No transmit on ts-950

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-06-12 00:02:07 UTC
From: Dave ve3wej
Topic: 8019 Message: 8020

key the mike, but did you whistle???

radio will not show output unless audio is fed into it

----- Original Message -----
From: flogger426
To: TS-850_450_690@yahoogroups.com
Sent: Thursday, June 11, 2009 7:24 PM
Subject: [TS-850_450_690] No transmit on ts-950

i know this is not the 950 group, but one doesn't exist so i hope you don't mind me posting here - i love kenwood rigs and own a ts-850. recently i picked up a ts-950. problem is transmit is dead - i pulled the driver and final transistors and they all test good. when i key the mic the red transmit light comes on, but there is no output - nothing dead - i tried listening on another radio, but nothing there. the txb line is switching. any ideas would be appreciated.

thx, john

[Non-text portions of this message have been removed]

8021. RE: [TS-850_450_690] Items FS

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-06-13 01:30:04 UTC
From: John Parker
Topic: 8007 Message: 8021

Are you interested?

John

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of rsmall
Sent: Monday, June 08, 2009 8:53 AM
To: TS-850_450_690@yahoogroups.com
Subject: RE: [TS-850_450_690] Items FS

John, Do you have pictures available for the TL-922? Original Eimac tubes?
Please confirm no issues. Thank you!

From: TS-850_450_690@ <mailto:TS-850_450_690%40yahoogroups.com>
yahoogroups.com [mailto:TS-850_450_690@
<mailto:TS-850_450_690%40yahoogroups.com> yahoogroups.com]
On Behalf Of John Parker
Sent: Monday, June 08, 2009 9:51 AM
To: TS-850_450_690@ <mailto:TS-850_450_690%40yahoogroups.com>
yahoogroups.com
Subject: [TS-850_450_690] Items FS

All,

I have been overwhelmed with the amout of stuff that I have to move to Oahu.
Therefore, I have decided to sell my Kenwood station.

I have the following items for your consideration:

Kenwood TS-850SAT with SSB and CW filters, upgraded DSP chips, etc. $795.00
+ shipping with original box

Kenwood DSP-100, $725.00 + shipping. No cables.

MC-60A, new never used. $115.00 + shipping with original box

Kenwood TL-922, absolutely mint condition, $1,150.00 + shipping with
original box

Kenwood SW-2000 with three couplers, SW-1,2,3 $225.00+shiping

Kenwood SP-31, original box $95.00+shipping

Kenwood heavy duty power supply PS-53, mint condition. $185.00 + shipping.

I prefer M.O.

73,

John KD7KFT

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8022. RE: [TS-850_450_690] Items FS

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-06-13 03:06:03 UTC
From: rsmall
Topic: 8007 Message: 8022

John, I am sorry I did not get back to you earlier. I would love the 922 but have decided I just cannot afford it currently. Thanks again and 73

Dick

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com] On Behalf Of John Parker
Sent: Friday, June 12, 2009 9:30 PM
To: TS-850_450_690@yahoogroups.com
Subject: RE: [TS-850_450_690] Items FS

Are you interested?

John

From: TS-850_450_690@ <mailto:TS-850_450_690%40yahoogroups.com> yahoogroups.com [mailto:TS-850_450_690@ <mailto:TS-850_450_690%40yahoogroups.com> yahoogroups.com] On Behalf Of rsmall
Sent: Monday, June 08, 2009 8:53 AM
To: TS-850_450_690@ <mailto:TS-850_450_690%40yahoogroups.com> yahoogroups.com
Subject: RE: [TS-850_450_690] Items FS

John, Do you have pictures available for the TL-922? Original Eimac tubes? Please confirm no issues. Thank you!

From: TS-850_450_690@ <mailto:TS-850_450_690%40yahoogroups.com> yahoogroups.com [mailto:TS-850_450_690@ <mailto:TS-850_450_690%40yahoogroups.com> yahoogroups.com] On Behalf Of John Parker
Sent: Monday, June 08, 2009 9:51 AM
To: TS-850_450_690@ <mailto:TS-850_450_690%40yahoogroups.com> yahoogroups.com
Subject: [TS-850_450_690] Items FS

All,

I have been overwhelmed with the amout of stuff that I have to move to Oahu. Therefore, I have decided to sell my Kenwood station.

I have the following items for your consideration:

Kenwood TS-850SAT with SSB and CW filters, upgraded DSP chips, etc. $795.00 + shipping with original box

Kenwood DSP-100, $725.00 + shipping. No cables.

MC-60A, new never used. $115.00 + shipping with original box

Kenwood TL-922, absolutely mint condition, $1,150.00 + shipping with original box

Kenwood SW-2000 with three couplers, SW-1,2,3 $225.00+shiping

Kenwood SP-31, original box $95.00+shipping

Kenwood heavy duty power supply PS-53, mint condition. $185.00 + shipping.

I prefer M.O.

73,

John KD7KFT

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8023. KenwoodTS450 tx 7.1to 7.2?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-06-13 15:30:46 UTC
From: g4yyj
Topic: 8023 Message: 8023

Is it possible to use the rest of 40M that has been allocated for amateur use.

My TS450 will not tx or auto tune from 7.1 upwards.

Pete

8024. Re: [TS-850_450_690] KenwoodTS450 tx 7.1to 7.2?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-06-13 15:37:25 UTC
From: Zack Widup
Topic: 8023 Message: 8024

I don't own a 450 but the 440 and 850 have a diode you remove to open the rig for full SW range transmit. I did that so I could work 60 meters. I would guess the 450 has the same feature.

73, Zack W9SZ

On Sat, Jun 13, 2009 at 10:30 AM, g4yyj <pete.schofield@...> wrote:

>
>
> Is it possible to use the rest of 40M that has been allocated for amateur
> use.
>
> My TS450 will not tx or auto tune from 7.1 upwards.
>
> Pete
>
>
>

[Non-text portions of this message have been removed]

8025. Re: KenwoodTS450 tx 7.1to 7.2?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-06-14 19:51:12 UTC
From: g4yyj
Topic: 8023 Message: 8025

> I don't own a 450 but the 440 and 850 have a diode you remove to open the
> rig for full SW range transmit. I did that so I could work 60 meters. I
> would guess the 450 has the same feature.
>
> 73, Zack W9SZ
>

Thanks Zack I guessed that would be so, hopefully someone on hear has done it and can tell me which diode.

Pete

8026. Fw: Re: [Kenwood] Inexpensive (about $20 shipped) USB to Kenwood Computer Interface

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-06-14 21:48:56 UTC
From: kremper4-850@yahoo.com
Topic: 8026 Message: 8026

You might want to check into this...

73,

Paul / N1FB

--- On Wed, 2/18/09, William Liporace - WC2L <wc2l@...> wrote:

From: William Liporace - WC2L <wc2l@...>
Subject: Re: [Kenwood] Inexpensive (about $20 shipped) USB to Kenwood Computer Interface
To: rob.frohne@..., Kenwood@...
Date: Wednesday, February 18, 2009, 7:25 AM

I have been doing some thing very similar for the last couple of years. I use the FTDI TTL232R cables. They have the chip built right in the USB cable. All you have to do is make a 2mm header and away you. I have built many of them for friends. I also use one on my FT1000. They really work well!

73 Will WC2L

-----Original Message-----
From: kenwood-bounces@...
[mailto:kenwood-bounces@...] On Behalf Of Rob Frohne
Sent: Tuesday, February 17, 2009 10:43 PM
To: kenwood@...; TS-850_450_690@yahoogroups.com
Subject: [Kenwood] Inexpensive (about $20 shipped) USB to Kenwood Computer Interface

Hi Everyone,

I recently wanted to update my computer control cable on my TS-850SAT to a USB one with RTS/CTS support. It took me a bit of work to get it all sorted out, but the result was worth it, especially with IF-232C units still going for more than $50 on ebay.

This interface should work with the following Kenwood radios: TS-50, TS-60, TS-140, TS-440, TS-450, TS-680, TS-690, TS-711, TS-721, TS-790, TS-811, TS-850, TS-950, R-5000.

I put up a short page on building it at:

http://people.wallawalla.edu/~Rob.Frohne/SDR/USB%20Interface/IF-232%20USB%20Replacement.html

I hope this is of use to some of you, and that it will make doing it much quicker and easier than it was for me.

73,

Rob, KL7NA

--
Rob Frohne, Ph.D., P.E.
E.F. Cross School of Engineering
Walla Walla University
100 SW 4th Street
College Place, WA 99324
(509) 527-2075 http://people.walllawalla.edu/~rob.frohne

_____
Kenwood mailing list
Home: http://mailman.qth.net/mailman/listinfo/kenwood
Help: http://mailman.qth.net/mmfaq.htm
Post: mailto:Kenwood@...

This list hosted by: http://www.qsl.net
Please help support this email list: http://www.qsl.net/donate.html

[Non-text portions of this message have been removed]

8027. Re: [TS-850_450_690] Re: KenwoodTS450 tx 7.1to 7.2?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-06-14 21:49:27 UTC
From: Bud Haynes
Topic: 8023 Message: 8027

g4yyj wrote:
>
>
> > I don't own a 450 but the 440 and 850 have a diode you remove to
> open the
> > rig for full SW range transmit. I did that so I could work 60 meters. I
> > would guess the 450 has the same feature.
> >
> > 73, Zack W9SZ
> >
> Thanks Zack I guessed that would be so, hopefully someone on hear has
> done it and can tell me which diode.
>
> Pete
>
>

[Non-text portions of this message have been removed]

8028. Re: KenwoodTS450 tx 7.1to 7.2?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-06-14 21:56:57 UTC
From: mm3cbo
Topic: 8023 Message: 8028

--- In TS-850_450_690@yahoogroups.com, "g4yyj" <pete.schofield@...> wrote:
>
> > I don't own a 450 but the 440 and 850 have a diode you remove to open the
> > rig for full SW range transmit. I did that so I could work 60 meters. I
> > would guess the 450 has the same feature.
> >
> > 73, Zack W9SZ
> >
> Thanks Zack I guessed that would be so, hopefully someone on hear has done it and can tell me which diode.
>
> Pete
>
http://www.ham.dmz.ro/kenwood/ts-450s-general-coverage-transmisson-modification.php
click on this link it might be what your looking for......Jmc

8029. Re: [TS-850_450_690] Re: KenwoodTS450 tx 7.1to 7.2?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-06-14 21:50:05 UTC
From: cparrish104@cfl.rr.com
Topic: 8023 Message: 8029

Pete, the mod can be found here:

http://www.radiomods.co.nz/kenwood/kenwoodts450.html

---- g4yyj <pete.schofield@...> wrote:
> > I don't own a 450 but the 440 and 850 have a diode you remove to open the
> > rig for full SW range transmit. I did that so I could work 60 meters. I
> > would guess the 450 has the same feature.
> >
> > 73, Zack W9SZ
> >
> Thanks Zack I guessed that would be so, hopefully someone on hear has done it and can tell me which diode.
>
> Pete
>

8030. Re: FS: DSP-100

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-06-15 08:47:29 UTC
From: Joe
Topic: 7986 Message: 8030

Hi gang,

there is a DSP-100 on Ebay Germany, #200349600550
actual price is ☐ 57.-!!! Ending today 19:45 local.

It´s not mine and I´m not related to the seller

vy 73´s de Joe

8031. Re: KenwoodTS450 tx 7.1to 7.2?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-06-15 10:26:41 UTC
From: g4yyj
Topic: 8023 Message: 8031

--- In TS-850_450_690@yahoogroups.com, <cparrish104@...> wrote:
>
> Pete, the mod can be found here:
>
> http://www.radiomods.co.nz/kenwood/kenwoodts450.html
>
> ---- g4yyj <pete.schofield@...> wrote:
> > > I don't own a 450 but the 440 and 850 have a diode you remove to open the
> > > rig for full SW range transmit. I did that so I could work 60 meters. I
> > > would guess the 450 has the same feature.
> > >
> > > 73, Zack W9SZ
> > >
> > Thanks Zack I guessed that would be so, hopefully someone on hear has done it and can tell me which diode.
> >
> > Pete
Thanks Zack got it will have to programme the memories to hold the frequencies I think or remember to hold the correct buttons everytime at switch on.

Many thanks for your help

Pete

> >
>

8032. RE: [TS-850_450_690] Re: FS: DSP-100

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-06-15 13:05:55 UTC
From: John Parker
Topic: 7986 Message: 8032

I have a DSP-100 on QTH forsale for $600.00

73,

John KD7KFT

_____

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com] On Behalf Of Joe
Sent: Monday, June 15, 2009 1:47 AM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] Re: FS: DSP-100

Hi gang,

there is a DSP-100 on Ebay Germany, #200349600550
actual price is € 57.-!!! Ending today 19:45 local.

It´s not mine and I´m not related to the seller

vy 73´s de Joe

[Non-text portions of this message have been removed]

8033. RE: [TS-850_450_690] Re: FS: DSP-100

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-06-15 13:45:34 UTC
From: John Parker
Topic: 7986 Message: 8033

Sorry,

Make that $650.00

John

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com] On Behalf Of John Parker
Sent: Monday, June 15, 2009 6:06 AM
To: TS-850_450_690@yahoogroups.com
Subject: RE: [TS-850_450_690] Re: FS: DSP-100

I have a DSP-100 on QTH forsale for $600.00

73,

John KD7KFT

From: TS-850_450_690@ <mailto:TS-850_450_690%40yahoogroups.com> yahoogroups.com [mailto:TS-850_450_690@ <mailto:TS-850_450_690%40yahoogroups.com> yahoogroups.com] On Behalf Of Joe
Sent: Monday, June 15, 2009 1:47 AM
To: TS-850_450_690@ <mailto:TS-850_450_690%40yahoogroups.com> yahoogroups.com
Subject: [TS-850_450_690] Re: FS: DSP-100

Hi gang,

there is a DSP-100 on Ebay Germany, #200349600550
actual price is € 57.-!!! Ending today 19:45 local.

It´s not mine and I´m not related to the seller

vy 73´s de Joe

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[Non-text portions of this message have been removed]

8034. Rig Interface

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-06-15 14:49:14 UTC
From: kremper4-850@yahoo.com
Topic: 8034 Message: 8034

If you're looking for a rig interface, check this page/site:

http://www.hamgadgets.com/store/product_info.php?products_id=85

73,

Paul / N1FB

[Non-text portions of this message have been removed]

8035. RE: [TS-850_450_690] Re: FS: DSP-100

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-06-15 22:32:53 UTC
From: WW3S
Topic: 7986 Message: 8035

QTH or QRZ? I can't seem to find your ad....

On 6/15/2009 9:45:34 AM, John Parker (parkjv1@...) wrote:
> Sorry,
>
> Make that $650.00
>
> John
>
> _____
>
> From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.
> com] On Behalf Of John Parker
> Sent: Monday, June 15, 2009 6:06 AM
> To: TS-850_450_690@yahoogroups.com
> Subject: RE: [TS-850_450_690] Re: FS: DSP-100
>
>
>
>
>
> I have a DSP-100 on QTH forsale for $600.00
>
> 73,
>
> John KD7KFT
>
>
>
> _____
>
> From: TS-850_450_690@ <mailto:TS-850_450_690%40yahoogroups.com>
> yahoogroups.com [mailto:TS-850_450_690@ <mailto:TS-
> 850_450_690%40yahoogroups.com> yahoogroups.com] On Behalf Of Joe
> Sent: Monday, June 15, 2009 1:47 AM
> To: TS-850_450_690@ <mailto:TS-850_450_690%40yahoogroups.com> yahoogroups.
> com
> Subject: [TS-850_450_690] Re: FS: DSP-100
>
> Hi gang,
>
> there is a DSP-100 on Ebay Germany, #200349600550
> actual price is ?,? 57.-!!! Ending today 19:45 local.
>
> It´s not mine and I´m not related to the seller

>
> vy 73´s de Joe
>
> [Non-text portions of this message have been removed]
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> [Non-text portions of this message have been removed]
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>
>

8036. Re: [TS-850_450_690] Re: FS: DSP-100

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-06-15 23:38:53 UTC
From: parkjv1@comcast.net
Topic: 7986 Message: 8036

http://swap.qth.com/view_ad.php?counter=748558

----- Original Message -----
From: "WW3S" <ww3s@...>
To: "ts-850 450 690" <ts-850_450_690@yahoogroups.com>
Sent: Monday, June 15, 2009 3:32:53 PM GMT -08:00 US/Canada Pacific
Subject: RE: [TS-850_450_690] Re: FS: DSP-100

QTH or QRZ? I can't seem to find your ad....

On 6/15/2009 9:45:34 AM, John Parker (parkjv1@...) wrote:
> Sorry,
>
> Make that $650.00
>
> John
>
> _____
>
> From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.
> com] On Behalf Of John Parker
> Sent: Monday, June 15, 2009 6:06 AM
> To: TS-850_450_690@yahoogroups.com
> Subject: RE: [TS-850_450_690] Re: FS: DSP-100
>
>
>
>
>
> I have a DSP-100 on QTH forsale for $600.00
>
> 73,
>
> John KD7KFT
>
>
>
> _____
>
> From: TS-850_450_690@ <mailto:TS-850_450_690%40yahoogroups.com>
> yahoogroups.com [mailto:TS-850_450_690@ <mailto:TS-
> 850_450_690%40yahoogroups.com> yahoogroups.com] On Behalf Of Joe
> Sent: Monday, June 15, 2009 1:47 AM
> To: TS-850_450_690@ <mailto:TS-850_450_690%40yahoogroups.com> yahoogroups.
> com
> Subject: [TS-850_450_690] Re: FS: DSP-100

>
> Hi gang,
>
> there is a DSP-100 on Ebay Germany, #200349600550
> actual price is â‚¬ 57.-!!! Ending today 19:45 local.
>
> ItÂ´s not mine and IÂ´m not related to the seller
>
> vy 73Â´s de Joe
>
> [Non-text portions of this message have been removed]
>
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>
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> [Non-text portions of this message have been removed]
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>
>

[Non-text portions of this message have been removed]

8037. kenwood ts 850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-06-18 00:22:07 UTC
From: shaun3416
Topic: 8037 Message: 8037

Hi every one,im the owner of a ts 850 serial number 2 million.Yes ive got leaking capps and the old dds chipps.The radio is in very good condition boxed,what should i do sell or repair.I did try another car board,old chipps and leaking caps and it worked all ok for a short time,before the dots and dashes ...error.So it may be not just down to just the car board,i dont know.My plan was to restore that board,new dds chipps and replace the caps,then take it from there.Could i have four good old dds chips out of eight.

Regards Shaun

8038. Re: kenwood ts 850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-06-18 02:30:30 UTC
From: Clif
Topic: 8037 Message: 8038

How about confirming where the problem is before going willy-nilly and changing chips that may or may not be bad????

What kind of test equipment do you have? This group is very good at troubleshooting over the internet. If someone hasn't seen it, it hasn't happened....

Clif

--- In TS-850_450_690@yahoogroups.com, "shaun3416" <shaun.townsend@...> wrote:
>
> Hi every one,im the owner of a ts 850 serial number 2 million.Yes ive got leaking capps and the old dds chipps.The radio is in very good condition boxed,what should i do sell or repair.I did try another car board,old chipps and leaking caps and it worked all ok for a short time,before the dots and dashes ...error.So it may be not just down to just the car board,i dont know.My plan was to restore that board,new dds chipps and replace the caps,then take it from there.Could i have four good old dds chips out of eight.
>
> Regards Shaun
>

8039. Re: [TS-850_450_690] kenwood ts 850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-06-18 12:22:49 UTC
From: kremper4-850@yahoo.com
Topic: 8037 Message: 8039

Repair it -- it's a great transceiver. Pull the Carrier Unit board with the leaking caps, pack it carefully and send it to Clif at AVVid. He'll repair it reasonably and quickly. Don't mess with the DDS chips until you know they're bad. Clif can verify their condition. But do get rid of the leaky caps ASAP.

73,

Paul / N1FB

--- On Wed, 6/17/09, shaun3416 <shaun.townsend@...> wrote:

From: shaun3416 <shaun.townsend@btinternet.com>
Subject: [TS-850_450_690] kenwood ts 850
To: TS-850_450_690@yahoogroups.com
Date: Wednesday, June 17, 2009, 8:22 PM

Hi every one,im the owner of a ts 850 serial number 2 million.Yes ive got leaking capps and the old dds chipps.The radio is in very good condition boxed,what should i do sell or repair.I did try another car board,old chipps and leaking caps and it worked all ok for a short time,before the dots and dashes ...error.So it may be not just down to just the car board,i dont know.My plan was to restore that board,new dds chipps and replace the caps,then take it from there.Could i have four good old dds chips out of eight.

Regards Shaun

[Non-text portions of this message have been removed]

8040. Re: [TS-850_450_690] kenwood ts 850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-06-18 16:33:05 UTC
From: Mike Christiansen
Topic: 8037 Message: 8040

I agree with Paul. I have one of the early 850s with the old chips
and have never had a problem. Just because you had the old chips doe
snot mean they will give you trouble. I think if you are getting the
dots and dashes error on the display, it could be the caps in the
display board, and not the CAR board. Check that

Mike, N4GW

On Jun 18, 2009, at 8:22 AM, kremper4-850@... wrote:

>
>
> Repair it -- it's a great transceiver. Pull the Carrier Unit board
> with the leaking caps, pack it carefully and send it to Clif at
> AVVid. He'll repair it reasonably and quickly. Don't mess with the
> DDS chips until you know they're bad. Clif can verify their
> condition. But do get rid of the leaky caps ASAP.
>
> 73,
>
> Paul / N1FB
>
> --- On Wed, 6/17/09, shaun3416 <shaun.townsend@...> wrote:
>
> From: shaun3416 <shaun.townsend@...>
> Subject: [TS-850_450_690] kenwood ts 850
> To: TS-850_450_690@yahoogroups.com
> Date: Wednesday, June 17, 2009, 8:22 PM
>
> Hi every one,im the owner of a ts 850 serial number 2 million.Yes
> ive got leaking capps and the old dds chipps.The radio is in very
> good condition boxed,what should i do sell or repair.I did try
> another car board,old chipps and leaking caps and it worked all ok
> for a short time,before the dots and dashes ...error.So it may be
> not just down to just the car board,i dont know.My plan was to
> restore that board,new dds chipps and replace the caps,then take it
> from there.Could i have four good old dds chips out of eight.
>
> Regards Shaun
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

8041. FS: TS-850/DSP-100 Combo with KA0KA ESSB Mods on both units.

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-06-18 22:09:11 UTC
From: k1dpm
Topic: 8041 Message: 8041

This is a very late production (60 mil) LIKE NEW TS-850 with low time paired with an excellent DSP-100. Both units have received all of the KA0KA ESSB mods by a well known Kenwood technician to result in outstanding line-level audio for both SSB and AM. Mods preformed on this station can be viewed at http://www.ka0ka.com/. I have the original boxes and packing material for the TS-850 but will ship in another box to help protect its integrity. The DSP-100 will be shipped separately. If you are seeking this setup, you will be hard pressed to find one as nice as this. I have a lot invested in these units but will ship anywhere in the lower 48 states UPS GROUND for $2450 insured. If you would like to check me out, you can view my 11 year eBay feedback history at eBay ID "dick207" I will accept a certified bank check or PayPal. If using PayPal, please submit funds using email address rsmall@maine.rr.com and add 3% to your payment. Units will be shipped the same day funds clear. I do not have a working camera but can tell you that any pictures taken would be blemish free.

8042. Re: [TS-850_450_690] kenwood ts 850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-06-19 00:13:52 UTC
From: Shauney@btinternet
Topic: 8037 Message: 8042

Thanks clif,paul and mike for your input i appreciate it.Guess ive read too much info on the dds chips being the culprit of my problems.It would have been great if clif could repair the car board,being in the uk this is not possible,with my lack of experience in repair and test gear,my only option is to send to a company that will do the repair,i know you guys are out there with all the help i need,so i may just send them the car board for repair and take it from there.

--- On Thu, 18/6/09, Mike Christiansen <starmike@...> wrote:

From: Mike Christiansen <starmike@bellsouth.net>
Subject: Re: [TS-850_450_690] kenwood ts 850
To: TS-850_450_690@yahoogroups.com
Date: Thursday, 18 June, 2009, 6:33 PM

I agree with Paul. I have one of the early 850s with the old chips
and have never had a problem. Just because you had the old chips doe
snot mean they will give you trouble. I think if you are getting the
dots and dashes error on the display, it could be the caps in the
display board, and not the CAR board. Check that

Mike, N4GW

On Jun 18, 2009, at 8:22 AM, kremper4-850@ yahoo.com wrote:

>
>
> Repair it -- it's a great transceiver. Pull the Carrier Unit board
> with the leaking caps, pack it carefully and send it to Clif at
> AVVid. He'll repair it reasonably and quickly. Don't mess with the
> DDS chips until you know they're bad. Clif can verify their
> condition. But do get rid of the leaky caps ASAP.
>
> 73,
>
> Paul / N1FB
>
> --- On Wed, 6/17/09, shaun3416 <shaun.townsend@ btinternet. com> wrote:
>
> From: shaun3416 <shaun.townsend@ btinternet. com>
> Subject: [TS-850_450_ 690] kenwood ts 850
> To: TS-850_450_690@ yahoogroups. com
> Date: Wednesday, June 17, 2009, 8:22 PM
>
> Hi every one,im the owner of a ts 850 serial number 2 million.Yes
> ive got leaking capps and the old dds chipps.The radio is in very
> good condition boxed,what should i do sell or repair.I did try

> another car board,old chipps and leaking caps and it worked all ok
> for a short time,before the dots and dashes ...error.So it may be
> not just down to just the car board,i dont know.My plan was to
> restore that board,new dds chipps and replace the caps,then take it
> from there.Could i have four good old dds chips out of eight.
>
> Regards Shaun
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

8043. Piexx Speech Board

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-06-20 01:22:53 UTC
From: Kevin Nathan
Topic: 8043 Message: 8043

Hi All,

Back in November or December, I can't remember, I bought a TS-850. I bought the Piexx speech board for it but it has now quit working. Does anyone know what the guarantee is on these boards? Or, if it has lapsed, does anyone have a VS-2 you would sell reasonably?

Thanks much and very 73 to all.

Kevin :)
Amateur Radio: K7RX

[Non-text portions of this message have been removed]

8044. Re: [TS-850_450_690] Piexx Speech Board

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-06-20 04:00:03 UTC
From: Dave ve3wej
Topic: 8043 Message: 8044

ask piexx

----- Original Message -----
From: Kevin Nathan
To: TS-850_450_690@yahoogroups.com
Sent: Friday, June 19, 2009 9:22 PM
Subject: [TS-850_450_690] Piexx Speech Board

Hi All,

Back in November or December, I can't remember, I bought a TS-850. I bought the Piexx speech board for it but it has now quit working. Does anyone know what the guarantee is on these boards? Or, if it has lapsed, does anyone have a VS-2 you would sell reasonably?

Thanks much and very 73 to all.

Kevin :)
Amateur Radio: K7RX

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

8045. TS850s VFO Knob

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-06-20 10:43:36 UTC
From: Dan
Topic: 8045 Message: 8045

Hello everyone!

I have a small problem and I have to take off the VFO Knob so that I can remove the plastic mask of the radio. Does anybody know what kind of tool do I need? I appears that the head of the screw is hexagonal or something... I don't want to do some damage so I kindly ask you the experienced one. :)

Cheers!
YO3IBW, Dan

8047. Re: [TS-850_450_690] How do I take off the VFO Knob...

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-06-20 15:18:31 UTC
From: Dave ve3wej
Topic: 8046 Message: 8047

i beleive it is an allen key 1/16" . so if you have a set available, try them

they may also have 2, one following the other

----- Original Message -----
From: Dan
To: TS-850_450_690@yahoogroups.com
Sent: Saturday, June 20, 2009 6:48 AM
Subject: [TS-850_450_690] How do I take off the VFO Knob...

Hello everyone!

I have a small problem and I have to take off the VFO Knob so that I can remove the plastic mask of the radio. Does anybody know what kind of tool do I need? I appears that the head of the screw is hexagonal or something... I don't want to do some damage so I kindly ask you the experienced one.

Cheers!
YO3IBW, Dan

[Non-text portions of this message have been removed]

8048. Re: TS850s VFO Knob

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-06-20 15:56:46 UTC
From: Clif
Topic: 8045 Message: 8048

1.5mm Allen wrench.

Clif

--- In TS-850_450_690@yahoogroups.com, "Dan" <dan@...> wrote:
>
> Hello everyone!
>
> I have a small problem and I have to take off the VFO Knob so that I can remove the plastic mask of the radio. Does anybody know what kind of tool do I need? I appears that the head of the screw is hexagonal or something... I don't want to do some damage so I kindly ask you the experienced one. :)
>
> Cheers!
> YO3IBW, Dan
>

8049. Re: TS850s VFO Knob

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-06-20 23:33:23 UTC
From: Dan
Topic: 8045 Message: 8049

Thanks for info! I'll try with the 1.5mm Allen wrench.
73's de YO3IBW, Dan

--- In TS-850_450_690@yahoogroups.com, "Clif" <clif@...> wrote:
>
> 1.5mm Allen wrench.
>
> Clif

8050. 450S Speech Processor adjustment

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-06-22 01:21:04 UTC
From: John
Topic: 8050 Message: 8050

Is there an internal adjustment for the processor? I've looked at both the operation manual and service manual and I can't seem to find anything here. I'm using the MC-60A mic and would like to be able to use this with the processor on at times. With no processing and no preamp on at the mic, I run the mic gain wide open and this seems to work well. Turning the processor on is a huge difference and I'd like to back it down and not have to mess with the mic gain. Thanks in advance.

8051. Re: 450S Speech Processor adjustment

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-06-22 04:56:53 UTC
From: Roland Spoon
Topic: 8050 Message: 8051

At the point on trying not to sound rude, but you are using WAY TOO MUCH Mic gain I never run mine over 4 so either you have a problem with the mic or you are splattering all over the place. Try a differnt mic and start at 2 on the mic gain and work up from there to get a clean signal use the MONItor to check your audio, then turn on the processor and adjust to about 10 to 15 db of processing. Then check out the MC-60 it should not need to be cranked up so high. After all we want a Clean Signal not a splatter box.
Roland AH6RR

--- In TS-850_450_690@yahoogroups.com, "John" <n1xlg@...> wrote:
>
> Is there an internal adjustment for the processor? I've looked at both the operation manual and service manual and I can't seem to find anything here. I'm using the MC-60A mic and would like to be able to use this with the processor on at times. With no processing and no preamp on at the mic, I run the mic gain wide open and this seems to work well. Turning the processor on is a huge difference and I'd like to back it down and not have to mess with the mic gain. Thanks in advance.
>

8052. Re: 450S Speech Processor adjustment

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-06-22 12:16:08 UTC
From: John
Topic: 8050 Message: 8052

I had set the mic up during QSO with some locals and hadn't gotten any bad reports or complaints. But I tried turning the gain down to "your" setting and there was hardly any output...and yes,I know that you shouldn't expect to be slamming the 100w mark. To get the peaks anywhere near 100w and not letting the ALC go over,the mic gain needs to be at least an 8.By any chance,are you also using the preamp in the mic? Turning the preamp on and setting mic gain to 2 gives me the same result.

8053. Re: 450S Speech Processor adjustment

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-06-22 15:41:03 UTC
From: Roland Spoon
Topic: 8050 Message: 8053

I am using a Heil Pro-Set head set with no pre-amp at all. There is a problem with your MC-60 if you have to have the Mic gain at 8. I would use the pre amp in your mic. Are you using a peak reading watt meter? See if ther is a setting for Hi-Z/ Lo-Z and use the Lo-Z Kenwood radios need 600ohm mic impedance.

--- In TS-850_450_690@yahoogroups.com, "John" <n1xlg@...> wrote:
>
> I had set the mic up during QSO with some locals and hadn't gotten any bad reports or complaints. But I tried turning the gain down to "your" setting and there was hardly any output...and yes,I know that you shouldn't expect to be slamming the 100w mark. To get the peaks anywhere near 100w and not letting the ALC go over,the mic gain needs to be at least an 8.By any chance,are you also using the preamp in the mic? Turning the preamp on and setting mic gain to 2 gives me the same result.
>

8054. DSP-100 FS

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-06-22 15:51:41 UTC
From: John Parker
Topic: 8054 Message: 8054

I placed my DSP-100 on the bay with a buy it now for $675.00 or best offer, free shipping in the U.S.

Previously, I couldn't find the interconnecting cables but I found them yesterday. So, it's a complete unit ready for your 850....

73,

John

[Non-text portions of this message have been removed]

8055. Parts

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-06-22 16:40:38 UTC
From: Richy
Topic: 8055 Message: 8055

Hi Rich here,

I have a TS-850 on the bench with the tx light on while in RX (RX is also degraded obviously from the bad diode as well), I have the service bulletins on it and also the pages from the TS-850 site on the web. I am wondering if someone knows of a place where I can get all of the parts. It seems that East Coast doesn't show everything I need and some of the other sites have a 50 dollar minimum. Also, some of the parts are discontinued or new part numbers. Has anyone sorted this problem out and narrowed down one or two parts dealers who carry all of this stuff?

These are the following part numbers I need:

2sk520

lfb01

mi204

rk73fb2a223j

cq92m1h474k

I am also wondering if anyone has had the attenuator go dead, any engagement of the 6 or 12 db buttons and the rx goes dead, before I dig into it, I am wondering if anyone has seen this before. This way I can go right to it and test and then order everything together.

Thanks, Richy N2ZD

8056. Re: [TS-850_450_690] Parts

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-06-22 19:38:00 UTC
From: Dave ve3wej
Topic: 8055 Message: 8056

my 6 db attenuator is dead, parts are here, just trying to get the nerve to change such small parts...

----- Original Message -----
From: Richy
To: TS-850_450_690@yahoogroups.com
Sent: Monday, June 22, 2009 12:40 PM
Subject: [TS-850_450_690] Parts

Hi Rich here,

I have a TS-850 on the bench with the tx light on while in RX (RX is also degraded obviously from the bad diode as well), I have the service bulletins on it and also the pages from the TS-850 site on the web. I am wondering if someone knows of a place where I can get all of the parts. It seems that East Coast doesn't show everything I need and some of the other sites have a 50 dollar minimum. Also, some of the parts are discontinued or new part numbers. Has anyone sorted this problem out and narrowed down one or two parts dealers who carry all of this stuff?

These are the following part numbers I need:

2sk520

lfb01

mi204

rk73fb2a223j

cq92m1h474k

I am also wondering if anyone has had the attenuator go dead, any engagement of the 6 or 12 db buttons and the rx goes dead, before I dig into it, I am wondering if anyone has seen this before. This way I can go right to it and test and then order everything together.

Thanks, Richy N2ZD

[Non-text portions of this message have been removed]

8057. Re: 450S Speech Processor adjustment

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-06-22 22:31:05 UTC
From: John
Topic: 8050 Message: 8057

You can't compare those 2 mics...very different animals.I'm using the low impedance and not running the preamp.I followed the manual's recommended procedure and am keeping around 6" to the mic.I believe the output on your Heil is much greater than the MC-60 due to a difference in the 2 mic elements. Trust me...the mic works fine OM.

8058. Re: [TS-850_450_690] Re: 450S Speech Processor adjustment

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-06-23 01:17:16 UTC
From: Tom Osborne
Topic: 8050 Message: 8058

Switch the meter to the ALC and see how far it deflects. If it is going way up past the red, it is too much mike gain. On my '450, I set it with the processor on and the ALC just about half way into the red. Any more than that and it starts sounding pretty raspy. 73
Tom W7WHY

> At the point on trying not to sound rude, but you are using WAY TOO MUCH
> Mic gain I never run mine over 4 so either you have a problem with the mic
> or you are splattering all over the place. Try a differnt mic and start at
> 2 on the mic gain and work up from there to get a clean signal use the
> MONItor to check your audio, then turn on the processor and adjust to
> about 10 to 15 db of processing. Then check out the MC-60 it should not
> need to be cranked up so high. After all we want a Clean Signal not a
> splatter box.
> Roland AH6RR

8059. Re: 450S Speech Processor adjustment

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-06-23 11:46:19 UTC
From: John
Topic: 8050 Message: 8059

My adjustment is very touchy. I just barely get the mic gain cracked open with the processor on and the ALC marker is taking a beating. I was really hoping to find an internal adjustment to back down the processor level and either find a spot where I could switch it on when desired with no further mic gain adjustment, or at least find a spot that would allow finer adjustment of the mic gain. Right now it's almost on or off.

8060. Re: 450S Speech Processor adjustment

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-06-24 16:48:01 UTC
From: Clif
Topic: 8050 Message: 8060

Have you tried adjusting the ALC meter per the service manual. Maybe someone has been there before and got it wrong.

In CW mode turn up the Car control until the power out gets to 100w. The ALC meter should just have one dot lit. Furthur turning of the Car control will smoothly increase the ALC meter to off scale but the power out will not change.

It that how yours is working?

Clif

--- In TS-850_450_690@yahoogroups.com, "John" <n1xlg@...> wrote:
>
> My adjustment is very touchy. I just barely get the mic gain cracked open with the processor on and the ALC marker is taking a beating. I was really hoping to find an internal adjustment to back down the processor level and either find a spot where I could switch it on when desired with no further mic gain adjustment, or at least find a spot that would allow finer adjustment of the mic gain. Right now it's almost on or off.
>

8061. Re: 450S Speech Processor adjustment

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-06-24 22:51:55 UTC
From: John
Topic: 8050 Message: 8061

I just tried that and no,it's not adjusted correctly.With Power setting to Max,I carefully increased the Carrier level till power reached 100w and the ALC indicator was showing about 10 bars.Which is the correct VR? Is it 14 or 15 on the IF board? Thanks for the help here Clif... John, N1XLG

8062. Re: 450S Speech Processor adjustment

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-06-25 00:48:32 UTC
From: Clif
Topic: 8050 Message: 8062

It's neither one you need to read the service manual.

What is the max power out in CW mode? It should be 100-105w.

--- In TS-850_450_690@yahoogroups.com, "John" <n1xlg@...> wrote:
>
> I just tried that and no,it's not adjusted correctly.With Power setting to Max,I carefully increased the Carrier level till power reached 100w and the ALC indicator was showing about 10 bars.Which is the correct VR? Is it 14 or 15 on the IF board? Thanks for the help here Clif... John, N1XLG
>

8063. Re: 450S Speech Processor adjustment

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-06-25 01:35:05 UTC
From: John
Topic: 8050 Message: 8063

Max output in cw is just shy of 100 watts and the ALC is lit for almost the full length at this carrier setting.

8064. Re: 450S Speech Processor adjustment

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-06-25 11:03:19 UTC
From: John
Topic: 8050 Message: 8064

I should add to that...when referring to the ALC display in the previous message,I meant that when adjusting as you indicated,the bars were lighting up to almost the end of the red marker associated with the ALC...not the full length of the display.

8065. Re: 450S Speech Processor adjustment

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-06-25 15:11:39 UTC
From: Clif
Topic: 8050 Message: 8065

Ok. The Automatic Level Control (ALC) is working correctly. IE: When the power reaches a preset level (100W) it will not go above that. Any advance in the Car control above that point results in the gain of the TX IF being reduced to maintain the pre-determined level (100W).

The meter merely indicates how much the gain is being reduced. At the point the power reaches max (100W) the ALC starts to operate and the meter should indicate this by showing 1-2 dots. As the carrier control is increased the gain is reduced and the meter indicates the reduction by an increase in meter reading. A 6 dB increase in gain should be full scale ALC.

In the 450 the ALC meter is controlled by the micro-processor. It has to be taught what to read. VR14 sets the reference ALC voltage. The processor stores this as zero. An audio tone is injected and the mike gain increased until one dot lights, again the processor stores this. The audio level is increased by 6 dB and the processor stores this as a full scale ALC reading. The audio is again increased by 6 dB and this is stored as a full scale meter reading.

As you can see setting the ALC Meter requires a calibrated audio signal source, the service manual, and a little time.

Clif

--- In TS-850_450_690@yahoogroups.com, "John" <n1xlg@...> wrote:
>
> I should add to that...when referring to the ALC display in the previous message,I meant that when adjusting as you indicated,the bars were lighting up to almost the end of the red marker associated with the ALC...not the full length of the display.
>

8066. Re: 450S Speech Processor adjustment

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-06-25 19:36:04 UTC
From: John
Topic: 8050 Message: 8066

OK, so now the trick is to figure out what the true ALC reading is and how to know when there's a good level of audio.My first thought here would be to add the number of bars that the this technique (CW,adjust carrier to 100w)showed that were beyond the first 1-2 (that should have been the correct indication).Will this do as a workaround? Thanks again Clif...it's not easy to get good advice these days.

8067. Re: [TS-850_450_690] Re: 450S Speech Processor adjustment

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-06-27 02:00:37 UTC
From: Steve Gehring
Topic: 8050 Message: 8067

John and Cliff:

This is an interesting bit. I'm not in front of my TS-850Sat, but I
remember the processor actually leveling out, or reducing the dynamic
range of the audio level... causing less variations in ALC "swing."
With say 6 dB of RF compression set, the processor kept the ALC range
reduced and in-check per se.

I take it the processor in the 450S isn't externally adjustable? But,
I would assume the narrowing of the transmit audio's dynamic range, the
ALC wouldn't "swing" as much, remaining more constricted within the "red
scale." Am I on-track with this logic, as per my 850S experiences?

73 as always.

Steve, NL7W

John wrote:
>
>
> OK, so now the trick is to figure out what the true ALC reading is and
> how to know when there's a good level of audio.My first thought here
> would be to add the number of bars that the this technique (CW,adjust
> carrier to 100w)showed that were beyond the first 1-2 (that should
> have been the correct indication).Will this do as a workaround? Thanks
> again Clif...it's not easy to get good advice these days.
>
>
> ---
>
>
> No virus found in this incoming message.
> Checked by AVG - www.avg.com
> Version: 8.5.339 / Virus Database: 270.12.88/2196 - Release Date: 06/22/09 18:11:00
>
>

No virus found in this outgoing message.
Checked by AVG - www.avg.com
Version: 8.5.339 / Virus Database: 270.12.88/2196 - Release Date: 06/22/09 18:11:00

[Non-text portions of this message have been removed]

8068. TS850s ALC Problem?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-06-27 04:39:30 UTC
From: Dan
Topic: 8068 Message: 8068

Hello!

Well I have a delicate problem with my TS850s, to be more exactly with the ALC.
No matter the output power at the peak, with Proc ON and compression around 10db, the mike gain knob is around level 3, the microphone I use is the MC43, the power supply is rock solid on TX around 14V but the ALC is apparently not working OK.

One thing I notice, the power connector is heating when I put my TS850s in TX 100W Carrier mode. Could I have a voltage drop there and made the DC/DC board not working properly?

Another question I want to ask you, what is the explanation that until now everything worked OK, no electrolytic caps are dried or mounted reversed (I've check and replace them with some new ones... And now the problem appeared?

I've made a small video on Youtube where you can see how things are going....

http://www.youtube.com/watch?v=k26aafVbUEk

Thanks for support!
Dan, YO3IBW

8070. Re: TS850s ALC Problem?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-06-27 22:34:30 UTC
From: Clif
Topic: 8068 Message: 8070

You didn't say what the problem is????

If the connector is heating you have a voltage drop. Tighten the pins up. The higher the resistance the more the voltage drops and the hotter it gets.

Clif

--- In TS-850_450_690@yahoogroups.com, "Dan" <dan@...> wrote:
>
> Hello!
>
> Well I have a delicate problem with my TS850s, to be more exactly with the ALC.
> No matter the output power at the peak, with Proc ON and compression around 10db, the mike gain knob is around level 3, the microphone I use is the MC43, the power supply is rock solid on TX around 14V but the ALC is apparently not working OK.
>
> One thing I notice, the power connector is heating when I put my TS850s in TX 100W Carrier mode. Could I have a voltage drop there and made the DC/DC board not working properly?
>
> Another question I want to ask you, what is the explanation that until now everything worked OK, no electrolytic caps are dried or mounted reversed (I've check and replace them with some new ones... And now the problem appeared?
>
> I've made a small video on Youtube where you can see how things are going....
>
> http://www.youtube.com/watch?v=k26aafVbUEk
>
> Thanks for support!
> Dan, YO3IBW
>

8071. Re: TS850s ALC Problem?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-06-28 00:05:30 UTC
From: Dan
Topic: 8068 Message: 8071

The problem can be seen on this youtube link http://www.youtube.com/watch?v=k26aafVbUEk

To be more exactly, from time to time on the modulation peaks the ALC drop the output power down to zero and after few seconds the power is going up at normal levels and so on...

Watch the movie above to get a better idea of the phenomenon.

Thanks,
Dan YO3IBW

--- In TS-850_450_690@yahoogroups.com, "Clif" <clif@...> wrote:
>
> You didn't say what the problem is????
>
> If the connector is heating you have a voltage drop. Tighten the pins up. The higher the resistance the more the voltage drops and the hotter it gets.
>
> Clif
>

8072. Re: TS850s ALC Problem?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-06-28 01:45:42 UTC
From: Clif
Topic: 8068 Message: 8072

I do not use youtube, facebook, or all that other junk. I'm sure I'm not alone.

Your description is fine. Do a search on "alc" in this group and you will find out more than you want to know. It has been worn out here.

Clif

--- In TS-850_450_690@yahoogroups.com, "Dan" <dan@...> wrote:
>
> The problem can be seen on this youtube link http://www.youtube.com/watch?v=k26aafVbUEk
>
> To be more exactly, from time to time on the modulation peaks the ALC drop the output power down to zero and after few seconds the power is going up at normal levels and so on...
>
> Watch the movie above to get a better idea of the phenomenon.
>
> Thanks,
> Dan YO3IBW
>
>
>
> --- In TS-850_450_690@yahoogroups.com, "Clif" <clif@> wrote:
> >
> > You didn't say what the problem is????
> >
> > If the connector is heating you have a voltage drop. Tighten the pins up. The higher the resistance the more the voltage drops and the hotter it gets.
> >
> > Clif
> >
>

8073. Re: TS850s ALC Problem?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-06-28 10:45:12 UTC
From: Dan
Topic: 8068 Message: 8073

I don't like the social networks also but Youtube can be a good tool on the net. Anyway I uploaded the movie on my blog so that can be seen also on the non-social networks, hi.
The Address is : http://www.buz.ro/kenwood-ts850s-alc-problem.html

About the ALC issue, if I change the two resistors things could get to normal... The question is, why all this time until now the ALC system was OK and now the problem appeared.

Thanks help!
73's Dan/YO3IBW

--- In TS-850_450_690@yahoogroups.com, "Clif" <clif@...> wrote:
>
> I do not use youtube, facebook, or all that other junk. I'm sure I'm not alone.
>
> Your description is fine. Do a search on "alc" in this group and you will find out more than you want to know. It has been worn out here.
>
> Clif

8074. Re: TS850s ALC Problem?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-06-28 16:09:17 UTC
From: Clif
Topic: 8068 Message: 8074

Because now you have a large voltage drop as evidenced by the power connector heating up.

Clif

--- In TS-850_450_690@yahoogroups.com, "Dan" <dan@...> wrote:
>
> I don't like the social networks also but Youtube can be a good tool on the net. Anyway I uploaded the movie on my blog so that can be seen also on the non-social networks, hi.
> The Address is : http://www.buz.ro/kenwood-ts850s-alc-problem.html
>
> About the ALC issue, if I change the two resistors things could get to normal... The question is, why all this time until now the ALC system was OK and now the problem appeared.
>
> Thanks help!
> 73's Dan/YO3IBW
>
>
>
> --- In TS-850_450_690@yahoogroups.com, "Clif" <clif@> wrote:
> >
> > I do not use youtube, facebook, or all that other junk. I'm sure I'm not alone.
> >
> > Your description is fine. Do a search on "alc" in this group and you will find out more than you want to know. It has been worn out here.
> >
> > Clif
>

8075. SV: [TS-850_450_690] Re: TS850s ALC Problem?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-06-28 17:07:25 UTC
From: Samir Popaja
Topic: 8068 Message: 8075

Is any chance to see ALC meter moving when the TS-850S is in transverter mode?

Thanks

Samir, SM7VZX

Från: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
För Clif
Skickat: den 28 juni 2009 18:09
Till: TS-850_450_690@yahoogroups.com
Ämne: [TS-850_450_690] Re: TS850s ALC Problem?

Because now you have a large voltage drop as evidenced by the power connector heating up.

Clif

--- In TS-850_450_690@yahoogroups.com
<mailto:TS-850_450_690%40yahoogroups.com> , "Dan" <dan@...> wrote:
>
> I don't like the social networks also but Youtube can be a good tool on the net. Anyway I uploaded the movie on my blog so that can be seen also on the non-social networks, hi.
> The Address is : http://www.buz.ro/kenwood-ts850s-alc-problem.html
>
> About the ALC issue, if I change the two resistors things could get to normal... The question is, why all this time until now the ALC system was OK and now the problem appeared.
>
> Thanks help!
> 73's Dan/YO3IBW
>
>
>
> --- In TS-850_450_690@yahoogroups.com
<mailto:TS-850_450_690%40yahoogroups.com> , "Clif" <clif@> wrote:
> >
> > I do not use youtube, facebook, or all that other junk. I'm sure I'm not alone.
> >
> > Your description is fine. Do a search on "alc" in this group and you will find out more than you want to know. It has been worn out here.
> >
> > Clif
>

_____ Information from ESET NOD32 Antivirus, version of virus signature database 4194 (20090628) _____

The message was checked by ESET NOD32 Antivirus.

http://www.eset.com

[Non-text portions of this message have been removed]

8077. kenwood ts-450s + icom ah4 tuner

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-06-28 18:25:50 UTC
From: Manuel Wilches
Topic: 8077 Message: 8077

Hello everyone:
I have the little circuit that allows the usage of the Icom AH4 to other radios. I have used it with the Elecraft K2 and it worked like a charm. I now have TS-450S and I have hooked it up the same way. Although the led lights up for a few seconds and then shuts off, indicating a tuned situation, the TS450 never goes on TX when I do it.
I have only found two (2) menu positions that might have anything to do with the external tuner: 31 and 32....

If anyone on this list has the same setup, I would very much appreciate it, if you could share with me your experiece.

I am using a 165 feet inverted L...this is the same antenna I used with the Elecraft K2 + AH4 before.

Thank you and 73
Manuel
LU5OM
CT4IK

8078. Re: TS850s ALC Problem?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-06-28 22:53:47 UTC
From: Dan
Topic: 8068 Message: 8078

Thanks for the help!

The big problem was on the DC/DC board and the solution was to put in parallel two 100K resistors one over R3 and one over R2 so that the value to be around 18K each other.

I also resolved the heating problem of the connector by cleaning and tighten the pins inside.

Thanks once again!

73's and see you on the bands!
Dan YO3IBW

8079. Kenwood Plug-In Filters for sale

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-06-30 18:28:50 UTC
From: kremper4-850@yahoo.com
Topic: 8079 Message: 8079

I have the following three Kenwood plug-in filters for sale:

1 -- YG-455CN-1, $65 plus shipping

2 -- YK-88C-1, $60 each plus shipping

73,

Paul / N1FB

[Non-text portions of this message have been removed]

8080. TS-850SAT for Sale

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-07-01 02:36:00 UTC
From: Kevin Nathan
Topic: 8080 Message: 8080

Hi All,

I have been very pleased with my 850SAT but I find I am missing six meters a lot. So, I am going to offer it to the group in hopes someone might be interested. Here is what I have. I have the TS-850SAT with the 250 Hz narrow CW filter in the 455 IF, manual mic and power cord. As extras I would let go with it for some consideration I have the computer interface from HoseNose.com, an amplifier keying and ALC cable, and a packet/RTTY cable to fit a Kam TNC I bought from Packet Radio.com. I did put the Piexx speech board in the radio but it seems to have stopped working. If anyone is interested in it I also have the W9GR DSP-3 that I would include or sell separately.

Here is how I would break down the prices:

1. TS-850SAT w/mic, cord and manual, $700

2. Same as above with computer interface, packet radio cable, and amplifier keying and ALC cable, $740

3. For the W9GR DSP unit, $150 or add $150 to the previous prices for the package deal.

I thank you all for reading this and hope this might find a good home with someone. Take care and very 73.

Kevin :)
Amateur Radio: K7RX

[Non-text portions of this message have been removed]

8081. Six meter converter

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-07-01 14:55:57 UTC
From: k1dpm
Topic: 8081 Message: 8081

Does anyone know of a 6 meter converter that can be used with the TS-850? Thanks!

8082. Re: [TS-850_450_690] Six meter converter

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-07-01 19:17:51 UTC
From: Dave ve3wej
Topic: 8081 Message: 8082

tentec has/had one 1208 or 1209 Forget which, but only 8 watts in max

one model is 20 meter to 6 other is 2 meter to 6

----- Original Message -----
From: k1dpm
To: TS-850_450_690@yahoogroups.com
Sent: Wednesday, July 01, 2009 10:55 AM
Subject: [TS-850_450_690] Six meter converter

Does anyone know of a 6 meter converter that can be used with the TS-850? Thanks!

[Non-text portions of this message have been removed]

8083. RLS135

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-07-02 16:34:04 UTC
From: Konstantin UX1IL
Topic: 8083 Message: 8083

Hello, 2 all!

What pin diode can replace RLS135?

--
With BR,
Konstantin UX1iL mailto:ux1il@...

8084. Re: [TS-850_450_690] RLS135

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-07-02 19:24:48 UTC
From: Dave ve3wej
Topic: 8083 Message: 8084

part still available from Kenwood

RLS135 DIODE TS-140S $1.42

>
> What pin diode can replace RLS135?

8085. Re: [TS-850_450_690] RLS135

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-07-02 19:24:37 UTC
From: jeryb77
Topic: 8083 Message: 8085

You can still get RLS135 from Kenwood parts or you can use 1SS356 which is also made by Rohm
Hope this helps,
Jerry

----- Original Message -----
From: "Konstantin UX1IL" <ux1il@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Thursday, July 02, 2009 12:34 PM
Subject: [TS-850_450_690] RLS135

> Hello, 2 all!
>
> What pin diode can replace RLS135?
>
> --
> With BR,
> Konstantin UX1iL mailto:ux1il@...

8086. Re[2]: [TS-850_450_690] RLS135

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-07-02 20:17:32 UTC
From: Konstantin UX1IL
Topic: 8083 Message: 8086

Hello, Dave!

You wrote 2 июля 2009 г., 22:24:48:
> part still available from Kenwood
> RLS135 DIODE TS-140S $1.42

In Ukraine 1N4148 (I think analog RLS135) cost 30 cents.

>>
>> What pin diode can replace RLS135?

--
With BR,
Konstantin UX1iL mailto:ux1il@...

8087. Re[2]: [TS-850_450_690] RLS135

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-07-03 04:36:32 UTC
From: Konstantin UX1IL
Topic: 8083 Message: 8087

Hello, Jerry!

You wrote 2 июля 2009 г., 22:24:37:
> You can still get RLS135 from Kenwood parts or you can use 1SS356 which is
> also made by Rohm
> Hope this helps,
TNX, Jerry!
> Jerry

--
With BR,
Konstantin UX1iL mailto:ux1il@...

8088. TS-850 IF OUT 1 Jack

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-07-06 16:30:28 UTC
From: kremper4-850@yahoo.com
Topic: 8088 Message: 8088

For what it's worth...

I couldn't find the IF OUT 1 jack identified on any of the TS-850 Service Manual schematics I have, so I pulled off the cover and traced it out. That jack is on the RF Unit X44-3120-00; see the Service Manual page 121, coordinates L1. The jack itself is labeled "J7" -- that's the IF OUT 1 jack. It's connected via coaxial jumper cable W2 nearby to Connector 26 located toward the left-front of the aforementioned board (with the front panel facing you).

The output of Mixer Q15 feeds that IF OUT 1 (7) coaxial jack.

73,

Paul / N1FB

[Non-text portions of this message have been removed]

8090. KENWOOD TS 690 AND TS 570S

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-07-07 10:00:22 UTC
From: foxbat_alpha@yahoo.com
Topic: 8090 Message: 8090

When I first came into amateur radio, all of the rigs had no DSPs and because of that those rigs are sentimental to me - i.e. prefer them over the DSP ones.

1 - I am thinking of going for either of the above and would appreciate comments,opinnion and/or experience on eother or both.

2 - What about the Kenwood TS 480SAT - 100 watt version - as opposed to the both the said?

3 - What is the difference between the Kenwood TS 570s and 570SG?

Thank you everybody.

Hanafi - 9W2TZ

8091. TS-450S no SB or AM

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-07-08 15:00:46 UTC
From: huweyii
Topic: 8091 Message: 8091

My trusty TS-450SAT seems to have given up on me.

I'd appreciate any advice on this problem.

Receive is pretty deaf all of a sudden, even tuned to WWV I have to turn the volume all the way up to hear anything at all. No signal moves the S meter anymore, it's always at 0.

In any band in any AM mode (USB, LSB or AM) the ALC, Power and SWR meter remain at zero when I transmit and the unit only draws 2amps on any power setting. Even when I whistle into the mic or thump it nothing happens with the power draw or meters.

In FM it'll draw the normal amount of power (6A minimum 17A max) but the ALC meter maxes out. The power meter seems to work normally in FM.

I'm fairly sure that the mic is good because when I put the unit in VOX mode I can make it go into transmit real easy by talking into the mike or whistling at it.

I've torn the thing down and put it back together and found no obviously burned up bits or bad smells or anything that looks grossly abnormal to me.

The only thing slightly abnormal I found was a little glass tube which is the next thing in line after the antenna connector. I think it's a surge absorber but I'm not sure. The glass is slightly smoked on the inside. The circuit diagram shows this glass tube as two triangles pointed at each other with a line between them. I've never seen that one symbol and can't find that symbol anywhere on the internet.

So for the moment I'm stumped. Other than boxing it up and shipping it off to IRSD I don't know what to do with it.

8092. Re: [Suspected Spam][TS-850_450_690] TS-450S no SB or AM

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-07-08 15:41:14 UTC
From: Jordan
Topic: 8092 Message: 8092

Have you checked the coax connection point...? They are known to fail due to flexing....73..Jordan

----- Original Message -----
From: huweyii
To: TS-850_450_690@yahoogroups.com
Sent: Wednesday, July 08, 2009 9:00 AM
Subject: [Suspected Spam][TS-850_450_690] TS-450S no SB or AM

My trusty TS-450SAT seems to have given up on me.

I'd appreciate any advice on this problem.

Receive is pretty deaf all of a sudden, even tuned to WWV I have to turn the volume all the way up to hear anything at all. No signal moves the S meter anymore, it's always at 0.

In any band in any AM mode (USB, LSB or AM) the ALC, Power and SWR meter remain at zero when I transmit and the unit only draws 2amps on any power setting. Even when I whistle into the mic or thump it nothing happens with the power draw or meters.

In FM it'll draw the normal amount of power (6A minimum 17A max) but the ALC meter maxes out. The power meter seems to work normally in FM.

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I've torn the thing down and put it back together and found no obviously burned up bits or bad smells or anything that looks grossly abnormal to me.

The only thing slightly abnormal I found was a little glass tube which is the next thing in line after the antenna connector. I think it's a surge absorber but I'm not sure. The glass is slightly smoked on the inside. The circuit diagram shows this glass tube as two triangles pointed at each other with a line between them. I've never seen that one symbol and can't find that symbol anywhere on the internet.

So for the moment I'm stumped. Other than boxing it up and shipping it off to IRSD I don't know what to do with it.

[Non-text portions of this message have been removed]

8093. Re: [Suspected Spam][TS-850_450_690] TS-450S no SB or AM

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-07-08 16:24:08 UTC
From: huweyii
Topic: 8092 Message: 8093

Yes I did check that. Those two connections seem to be fine. Thanks though!

--- In TS-850_450_690@yahoogroups.com, "Jordan" <Outposter30@...> wrote:
>
> Have you checked the coax connection point...? They are known to fail due to flexing....73..Jordan
>
> ----- Original Message -----
> From: huweyii
> To: TS-850_450_690@yahoogroups.com
> Sent: Wednesday, July 08, 2009 9:00 AM
> Subject: [Suspected Spam][TS-850_450_690] TS-450S no SB or AM
>
>
>
>
>
>
> My trusty TS-450SAT seems to have given up on me.
>
> I'd appreciate any advice on this problem.
>
> Receive is pretty deaf all of a sudden, even tuned to WWV I have to turn the volume all the way up to hear anything at all. No signal moves the S meter anymore, it's always at 0.
>
> In any band in any AM mode (USB, LSB or AM) the ALC, Power and SWR meter remain at zero when I transmit and the unit only draws 2amps on any power setting. Even when I whistle into the mic or thump it nothing happens with the power draw or meters.
>
> In FM it'll draw the normal amount of power (6A minimum 17A max) but the ALC meter maxes out. The power meter seems to work normally in FM.
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> I'm fairly sure that the mic is good because when I put the unit in VOX mode I can make it go into transmit real easy by talking into the mike or whistling at it.
>
> I've torn the thing down and put it back together and found no obviously burned up bits or bad smells or anything that looks grossly abnormal to me.
>
> The only thing slightly abnormal I found was a little glass tube which is the next thing in line after the antenna connector. I think it's a surge absorber but I'm not sure. The glass is slightly smoked on the inside. The circuit diagram shows this glass tube as two triangles pointed at each other with a line between them. I've never seen that one symbol and can't find that symbol anywhere on the internet.
>
> So for the moment I'm stumped. Other than boxing it up and shipping it off to IRSD I don't know what to do with it.

>
>
>
>
>
> [Non-text portions of this message have been removed]
>

8094. Re: TS-450S no SB or AM

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-07-08 17:29:40 UTC
From: Clif
Topic: 8091 Message: 8094

Check the Car unit and make sure it's working. It sounds like one of the DDS chips has gone south.

Clif

--- In TS-850_450_690@yahoogroups.com, "huweyii" <misc@...> wrote:
>
> My trusty TS-450SAT seems to have given up on me.
>
> I'd appreciate any advice on this problem.
>
> Receive is pretty deaf all of a sudden, even tuned to WWV I have to turn the volume all the way up to hear anything at all. No signal moves the S meter anymore, it's always at 0.
>
> In any band in any AM mode (USB, LSB or AM) the ALC, Power and SWR meter remain at zero when I transmit and the unit only draws 2amps on any power setting. Even when I whistle into the mic or thump it nothing happens with the power draw or meters.
>
> In FM it'll draw the normal amount of power (6A minimum 17A max) but the ALC meter maxes out. The power meter seems to work normally in FM.
>
> I'm fairly sure that the mic is good because when I put the unit in VOX mode I can make it go into transmit real easy by talking into the mike or whistling at it.
>
> I've torn the thing down and put it back together and found no obviously burned up bits or bad smells or anything that looks grossly abnormal to me.
>
> The only thing slightly abnormal I found was a little glass tube which is the next thing in line after the antenna connector. I think it's a surge absorber but I'm not sure. The glass is slightly smoked on the inside. The circuit diagram shows this glass tube as two triangles pointed at each other with a line between them. I've never seen that one symbol and can't find that symbol anywhere on the internet.
>
> So for the moment I'm stumped. Other than boxing it up and shipping it off to IRSD I don't know what to do with it.
>

8095. DDS Chips

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-07-08 17:49:58 UTC
From: Oz
Topic: 5334 Message: 8095

I read awhile back on this board that these are NLA. Has anyone came up with a source? Also is it only the old ones that are failing or do the new ones also fail?

8096. TS-850S For Sale

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-07-09 04:09:44 UTC
From: Kevin Nathan
Topic: 8096 Message: 8096

Hi All,

I offered this rig last week but have revised my offer and want to note it here again. I have the following for sale:

Kenwood TS-850S with built-in tuner including the 350 Hz CW narrow filter in the 455 IF, original mic, manual and power cord. I will also include the amplifier keying/ALC cable, LCU-3K computer interface from HoseNose.com, and a radio to TNC cable for Kam TNC from Packet Radio.com. Serial number of the transceiver is 61200108. It is from a non smoking environment, works very well and is in beautiful cosmetic condition.

I am asking $650 for the rig and extras and would like to split shipping if possible. I do not have the box but will pack very well for shipping or will meet someone within 150 miles of the Seattle metro area. I would also consider the rig in trade plus cash for an Icom IC-746 or 746 Pro.

Thank you for reading this and very 73.

Kevin :)
Amateur Radio: K7RX

[Non-text portions of this message have been removed]

8097. Re: [TS-850_450_690] TS-850S For Sale

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-07-09 15:17:51 UTC
From: kremper4-850@yahoo.com
Topic: 8096 Message: 8097

Kevin, you likely mean a 250-Hz filter, not a 350-Hz filter.

73,

Paul / N1FB

--- On Thu, 7/9/09, Kevin Nathan <k7rx@...> wrote:

From: Kevin Nathan <k7rx@...>
Subject: [TS-850_450_690] TS-850S For Sale
To: TS-850_450_690@yahoogroups.com
Date: Thursday, July 9, 2009, 12:09 AM

Hi All,

I offered this rig last week but have revised my offer and want to note it here again. I have the following for sale:

Kenwood TS-850S with built-in tuner including the 350 Hz CW narrow filter in the 455 IF, original mic, manual and power cord. I will also include the amplifier keying/ALC cable, LCU-3K computer interface from HoseNose.com, and a radio to TNC cable for Kam TNC from Packet Radio.com. Serial number of the transceiver is 61200108. It is from a non smoking environment, works very well and is in beautiful cosmetic condition.

I am asking $650 for the rig and extras and would like to split shipping if possible. I do not have the box but will pack very well for shipping or will meet someone within 150 miles of the Seattle metro area. I would also consider the rig in trade plus cash for an Icom IC-746 or 746 Pro.

Thank you for reading this and very 73.

Kevin :)
Amateur Radio: K7RX

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

8098. Re: [TS-850_450_690] DDS Chips

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-07-09 15:23:47 UTC
From: kremper4-850@yahoo.com
Topic: 5334 Message: 8098

I know of no guaranteed reliable source for those chips, but have seen some advertised for sale on eBay -- for several weeks... (to me, that says something). The price was about $325 for 4 ICs, rougly 40% the cost of a TS-850. Old posts here show that the manufacturer has ceased production, and Kenwood, as well as the Kenwood parts supply houses, no longer stock those ICs.

73,

Paul / N1FB

--- On Wed, 7/8/09, Oz <joesterl@...> wrote:

From: Oz <joesterl@...>
Subject: [TS-850_450_690] DDS Chips
To: TS-850_450_690@yahoogroups.com
Date: Wednesday, July 8, 2009, 1:49 PM

I read awhile back on this board that these are NLA. Has anyone came up with a source? Also is it only the old ones that are failing or do the new ones also fail?

[Non-text portions of this message have been removed]

8100. Kenwood TS-850sat/ DSP-100 for sale

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-07-09 13:21:57 UTC
From: Dale
Topic: 8100 Message: 8100

Hello all, I have a perfect working TS-850sat with auto tuner. And the much sought after DSP-100 with all hook-up cables, these are getting harder and harder to fine in this condition. For radio I have the Orig box, DC cord, Amp cable, Inrad #2100 SSB filter installed. Rig has the Improved 66312 DDS chips from factory. No mic or manual. Ser# 4100xxx. Radio is an 8+. No marks on the face and sides, with just normal wear marks on top of radio.

The DSP-100, Has No box, but all hook-up cables. An 8 or 9. Very few small marks on the unit, Ser# is 21100xxx. Neither units are modified. From Non-smoking home. Price $1150 firm + shipping. Will consider trade for TS-870S or FT-1000MP This is a great price for this outstanding combo. Thanks for looking, 73 Dale KD5UVV

8101. KENWOOD TS 690 AND TS 570S

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-07-09 10:04:52 UTC
From: eagle one
Topic: 8090 Message: 8101

When I first came into amateur radio, all of the rigs had no DSPs and because of that those rigs are sentimental to me - i.e. prefer them over the DSP ones.

1 - I am thinking of going for either of the above and would appreciate comments,opinnion and/or experience on eother or both.

2 - What about the Kenwood TS 480SAT - 100 watt version - as opposed to the both the said?

3 - What is the difference between the Kenwood TS 570s and 570SG?

Thank you everybody.

Hanafi - 9W2TZ

8102. TS 850 white noise

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-07-09 16:06:22 UTC
From: bzkroby
Topic: 8102 Message: 8102

Hi all, I have an old ts850. It has been modified with all know improuvement but on receiving show a high audio noise and the s-meter remain (without attenuator) at 2-3 level. Without antenna the s-meter goes to 0 and noise became low. I use also an old icom ic 751 but with the same antenna the problem doesn't appear. Problem of intermodulation/mixer saturation or other?
Thans for reply.
Roby, I3BZK, Italy.

8103. Re: DDS Chips

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-07-09 16:44:24 UTC
From: Oz
Topic: 5334 Message: 8103

Regarding the DDS chips...is it primarily the old ones that fail or the new ones? Do you know when they do fail, old or new, must all 4 be replaced either old or the new ones? I am asking because I ordered 4 a couple of years ago which I didn't need. I already have the newer chips im my rig and was trying to make a decision whether to let go of them or not.

--- In TS-850_450_690@yahoogroups.com, kremper4-850@... wrote:
>
> I know of no guaranteed reliable source for those chips, but have seen some advertised for sale on eBay -- for several weeks... (to me, that says something). The price was about $325 for 4 ICs, rougly 40% the cost of a TS-850. Old posts here show that the manufacturer has ceased production, and Kenwood, as well as the Kenwood parts supply houses, no longer stock those ICs.
>
> 73,
>
> Paul / N1FB
>
> --- On Wed, 7/8/09, Oz <joesterl@...> wrote:
>
>
> From: Oz <joesterl@...>
> Subject: [TS-850_450_690] DDS Chips
> To: TS-850_450_690@yahoogroups.com
> Date: Wednesday, July 8, 2009, 1:49 PM
>
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>
> I read awhile back on this board that these are NLA. Has anyone came up with a source? Also is it only the old ones that are failing or do the new ones also fail?
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8105. Filter selection

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-07-09 18:05:10 UTC
From: corrinedewhurst
Topic: 8105 Message: 8105

Hi,I have just bought myself a TS-850SAT,its in exceptionally clean condition and is one of the later 5 million serial number models :O)
The TS-850 has no optional filters fitted & wondered if anybody could tell me the bandwidths for all the different combinations of the standard filter settings??
As the only mention in the manual is of the 8.83Mhz & 455Khz both set at 2.7Khz which will produce a bandwidth of about 2.4Khz.
Can anybody tell me what other combinations will produce???
Thanx in advance & 73's ,Shaun :O)

8106. Re: [TS-850_450_690] Re: DDS Chips

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-07-09 21:52:03 UTC
From: kremper4-850@yahoo.com
Topic: 5334 Message: 8106

I've got one rig with the older DDS ICs and another rig with the newer ICs. I know of no way to predict failure for either chip series -- or for any other component in the rig. What could hasten the demise of one or more of the DDS ICs is the well-known problem of leaky electrolytic capacitors on the Carrier Unit PC board.

Paul / N1FB

--- On Thu, 7/9/09, Oz <joesterl@...> wrote:

From: Oz <joesterl@...>
Subject: [TS-850_450_690] Re: DDS Chips
To: TS-850_450_690@yahoogroups.com
Date: Thursday, July 9, 2009, 12:44 PM

Regarding the DDS chips...is it primarily the old ones that fail or the new ones? Do you know when they do fail, old or new, must all 4 be replaced either old or the new ones? I am asking because I ordered 4 a couple of years ago which I didn't need. I already have the newer chips im my rig and was trying to make a decision whether to let go of them or not.

--- In TS-850_450_690@ yahoogroups. com, kremper4-850@ ... wrote:
>
> I know of no guaranteed reliable source for those chips, but have seen some advertised for sale on eBay -- for several weeks... (to me, that says something). The price was about $325 for 4 ICs, rougly 40% the cost of a TS-850. Old posts here show that the manufacturer has ceased production, and Kenwood, as well as the Kenwood parts supply houses, no longer stock those ICs.
>
> 73,
>
> Paul / N1FB
>
> --- On Wed, 7/8/09, Oz <joesterl@.. .> wrote:
>
>
> From: Oz <joesterl@.. .>
> Subject: [TS-850_450_ 690] DDS Chips
> To: TS-850_450_690@ yahoogroups. com
> Date: Wednesday, July 8, 2009, 1:49 PM
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> I read awhile back on this board that these are NLA. Has anyone came up with a source? Also is it only the old ones that are failing or do the new ones also fail?
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8107. Re: [TS-850_450_690] TS 850 white noise

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-07-09 18:21:15 UTC
From: Zhang Johnson
Topic: 8102 Message: 8107

I'm also interested on this issue.
Thanks.

On Thu, Jul 9, 2009 at 9:06 AM, bzkroby <bzkroby@...> wrote:

>
>
> Hi all, I have an old ts850. It has been modified with all know
> improuvement but on receiving show a high audio noise and the s-meter remain
> (without attenuator) at 2-3 level. Without antenna the s-meter goes to 0 and
> noise became low. I use also an old icom ic 751 but with the same antenna
> the problem doesn't appear. Problem of intermodulation/mixer saturation or
> other?
> Thans for reply.
> Roby, I3BZK, Italy.
>
>
>

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8108. DDS Chips and CAR Unit TS-690S

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-07-09 18:40:06 UTC
From: Adrian
Topic: 5334 Message: 8108

I have what appears to be a DDS chip problem with my Kenwood TS-690S, its been sat in its box for a long time now as have only just moved back to the UK, my question is can I simply swap the Car Unit from a known good TS-690S/450S to test that this is the case, from what I can see the CAR Unit is the same in the 690 and 450

Kind Regards

Adrian

G0KOM

/

8109. Re: DDS Chips and CAR Unit TS-690S

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-07-09 22:23:17 UTC
From: Clif
Topic: 5334 Message: 8109

It's the same in both radios...

Clif

--- In TS-850_450_690@...m, "Adrian" <ade@...> wrote:
>
> I have what appears to be a DDS chip problem with my Kenwood TS-690S, its
> been sat in its box for a long time now as have only just moved back to the
> UK, my question is can I simply swap the Car Unit from a known good
> TS-690S/450S to test that this is the case, from what I can see the CAR Unit
> is the same in the 690 and 450
>
> Kind Regards
>
> Adrian
>
> G0KOM
>
> /
>

8110. RE: [TS-850_450_690] TS-850S For Sale

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-07-10 02:16:01 UTC
From: Kevin Nathan
Topic: 8096 Message: 8110

Thanks Paul,

I doubted myself there and shouldn't have. Appreciate the correction. Now, can you find me a buyer? <GRIN>

Very 73.

Kevin :)
Amateur Radio: K7RX

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com] On Behalf Of kremper4-850@...
Sent: Thursday, July 09, 2009 8:18 AM
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] TS-850S For Sale

Kevin, you likely mean a 250-Hz filter, not a 350-Hz filter.

73,

Paul / N1FB

--- On Thu, 7/9/09, Kevin Nathan <k7rx@comcast. <mailto:k7rx%40comcast.net> net> wrote:

From: Kevin Nathan <k7rx@comcast. <mailto:k7rx%40comcast.net> net>
Subject: [TS-850_450_690] TS-850S For Sale
To: TS-850_450_690@ <mailto:TS-850_450_690%40yahoogroups.com> yahoogroups.com
Date: Thursday, July 9, 2009, 12:09 AM

Hi All,

I offered this rig last week but have revised my offer and want to note it here again. I have the following for sale:

Kenwood TS-850S with built-in tuner including the 350 Hz CW narrow filter in the 455 IF, original mic, manual and power cord. I will also include the amplifier keying/ALC cable, LCU-3K computer interface from HoseNose.com, and a radio to TNC cable for Kam TNC from Packet Radio.com. Serial number of the transceiver is 61200108. It is from a non smoking environment, works very well and is in beautiful cosmetic condition.

I am asking $650 for the rig and extras and would like to split shipping if possible. I do not have the box but will pack very well for shipping or will meet someone within 150 miles of the Seattle metro area. I would also

consider the rig in trade plus cash for an Icom IC-746 or 746 Pro.

Thank you for reading this and very 73.

Kevin :)
Amateur Radio: K7RX

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8111. RE: [TS-850_450_690] TS-850S For Sale

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-07-10 15:05:35 UTC
From: kremper4-850@yahoo.com
Topic: 8096 Message: 8111

Could I afford it, I'd buy it! :-)

73,

Paul

--- On Thu, 7/9/09, Kevin Nathan <k7rx@...> wrote:

From: Kevin Nathan <k7rx@comcast.net>
Subject: RE: [TS-850_450_690] TS-850S For Sale
To: TS-850_450_690@yahoogroups.com
Date: Thursday, July 9, 2009, 10:16 PM

Thanks Paul,

I doubted myself there and shouldn't have. Appreciate the correction. Now,
can you find me a buyer? <GRIN>

Very 73.

Kevin :)
Amateur Radio: K7RX

_____

From: TS-850_450_690@ yahoogroups. com [mailto:TS-850_450_690@ yahoogroups. com]
On Behalf Of kremper4-850@ yahoo.com
Sent: Thursday, July 09, 2009 8:18 AM
To: TS-850_450_690@ yahoogroups. com
Subject: Re: [TS-850_450_ 690] TS-850S For Sale

Kevin, you likely mean a 250-Hz filter, not a 350-Hz filter.

73,

Paul / N1FB

--- On Thu, 7/9/09, Kevin Nathan <k7rx@comcast. <mailto:k7rx% 40comcast. net>
net> wrote:

From: Kevin Nathan <k7rx@comcast. <mailto:k7rx% 40comcast. net> net>
Subject: [TS-850_450_ 690] TS-850S For Sale
To: TS-850_450_690@ <mailto:TS-850_ 450_690%40yahoog roups.com>
yahoogroups. com
Date: Thursday, July 9, 2009, 12:09 AM

Hi All,

I offered this rig last week but have revised my offer and want to note it here again. I have the following for sale:

Kenwood TS-850S with built-in tuner including the 350 Hz CW narrow filter in the 455 IF, original mic, manual and power cord. I will also include the amplifier keying/ALC cable, LCU-3K computer interface from HoseNose.com, and a radio to TNC cable for Kam TNC from Packet Radio.com. Serial number of the transceiver is 61200108. It is from a non smoking environment, works very well and is in beautiful cosmetic condition.

I am asking $650 for the rig and extras and would like to split shipping if possible. I do not have the box but will pack very well for shipping or will meet someone within 150 miles of the Seattle metro area. I would also consider the rig in trade plus cash for an Icom IC-746 or 746 Pro.

Thank you for reading this and very 73.

Kevin :)
Amateur Radio: K7RX

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8112. Re: Filter selection

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-07-10 16:37:45 UTC
From: corrinedewhurst
Topic: 8105 Message: 8112

--- In TS-850_450_690@yahoogroups.com, "corrinedewhurst" <corrinedewhurst@...> wrote:
>
> Hi,I have just bought myself a TS-850SAT,its in exceptionally clean condition
> and is one of the later 5 million serial number models :O)
> The TS-850 has no optional filters fitted & wondered if anybody could tell me
> the bandwidths for all the different combinations of the standard filter
> settings??
> As the only mention in the manual is of the 8.83Mhz & 455Khz both set at 2.7Khz
> which will produce a bandwidth of about 2.4Khz.
> Can anybody tell me what other combinations will produce???
> Thanx in advance & 73's ,Shaun :O)
>
Can nobody aswer this question or something???? :-S

8113. Re: Filter selection

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-07-10 17:13:09 UTC
From: Roland Spoon
Topic: 8105 Message: 8113

Just buy the Inrad 2.1 filters for both IF's for SSB
or the 500HZ for CW. You'll be very Happy. And while your at it install the Inrad Roofing filter. I would not worry about the differnt combos of filters just get matched Inrads and dont bother with the Kenwood filters. Inrad should be able to answer all your questions on filters. They make the best filters avaible anywhere period.
Roland AH6RR

--- In TS-850_450_690@yahoogroups.com, "corrinedewhurst" <corrinedewhurst@...> wrote:
>
> --- In TS-850_450_690@yahoogroups.com, "corrinedewhurst" <corrinedewhurst@> wrote:
> >
> > Hi,I have just bought myself a TS-850SAT,its in exceptionally clean condition
> > and is one of the later 5 million serial number models :O)
> > The TS-850 has no optional filters fitted & wondered if anybody could tell me
> > the bandwidths for all the different combinations of the standard filter
> > settings??
> > As the only mention in the manual is of the 8.83Mhz & 455Khz both set at 2.7Khz
> > which will produce a bandwidth of about 2.4Khz.
> > Can anybody tell me what other combinations will produce???
> > Thanx in advance & 73's ,Shaun :O)
> >
> Can nobody aswer this question or something???? :-S
>

8114. Re: [TS-850_450_690] Re: Filter selection

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-07-10 17:34:32 UTC
From: Zack Widup
Topic: 8105 Message: 8114

I'm not sure exactly what you want to know. My 850 has buttons for 8.83 MHz and 455 kHz filter settings. The 8.83 MHz can be cycled through 6 kHz and then 2.7 kHz, 500 kHz and 270 kHz according to the front display. The 455 kHz filter can be cycled through 12 kHz, 6 kHz, 2.7 kHz and 500 kHz. However, the lower of these depend on what filters you actually have installed - i.e. if you have a 1.8 kHz SSB filter installed for 8.83 MHz, then the "2.7k" display is really for the 1.8 kHz filter, etc. I think it's just the 6 kHz and 12 kHz settings that aren't specific to the filters you actually have installed.

73, Zack W9SZ

On Fri, Jul 10, 2009 at 11:37 AM, corrinedewhurst <corrinedewhurst@...
> wrote:

>
>
> --- In TS-850_450_690@yahoogroups.com <TS-850_450_690%40yahoogroups.com>,
> "corrinedewhurst" <corrinedewhurst@...> wrote:
> >
> > Hi,I have just bought myself a TS-850SAT,its in exceptionally clean
> condition
> > and is one of the later 5 million serial number models :O)
> > The TS-850 has no optional filters fitted & wondered if anybody could
> tell me
> > the bandwidths for all the different combinations of the standard filter
> > settings??
> > As the only mention in the manual is of the 8.83Mhz & 455Khz both set at
> 2.7Khz
> > which will produce a bandwidth of about 2.4Khz.
> > Can anybody tell me what other combinations will produce???
> > Thanx in advance & 73's ,Shaun :O)
> >
> Can nobody aswer this question or something???? :-S
>
>
>

[Non-text portions of this message have been removed]

8115. Re: [TS-850_450_690] Re: Filter selection

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-07-10 16:53:05 UTC
From: w8zn@comcast.net
Topic: 8105 Message: 8115

The best thing to do is go to Inrad.net and look at what they have available.

The TS850's have two open slots for 8 MHz filters and one open slot for 455 KHz filters. You select the combination you want from separate selections on the front panel. I typically set them up with a narrow SSB and a narrow CW filter in the 8 MHz IF and depending on the rigs' primary use, either the cw or SSB narrow filter in the 455 KHz IF.

As far as which filters to get (bandwidth choices), that's up to the owner and what their interests, operating skills and location dicate. I find a 2.1 KHz SSB filter is great for SSB contesting and a 500hz cw filter is a good general purpose cw filter. YMMV.

73,

Terry

[Non-text portions of this message have been removed]

8116. Re: Filter selection

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-07-10 21:22:37 UTC
From: corrinedewhurst
Topic: 8105 Message: 8116

--- In TS-850_450_690@yahoogroups.com, "Roland Spoon" <Toesonnose@...> wrote:
>
> Just buy the Inrad 2.1 filters for both IF's for SSB
> or the 500HZ for CW. You'll be very Happy. And while your at it install the Inrad Roofing filter. I would not worry about the differnt combos of filters just get matched Inrads and dont bother with the Kenwood filters. Inrad should be able to answer all your questions on filters. They make the best filters avaible anywhere period.
> Roland AH6RR
>

Hi Roland,unfortunatly at this moment intime my funds are depleted,so the optional filters & the roofing filter are out of the question for now.

8117. Re: Filter selection

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-07-10 21:32:25 UTC
From: corrinedewhurst
Topic: 8105 Message: 8117

Hi Guys,all 3 off you missed my point,I do not have any optional filters fitted in my TS-850,nor do I want to know what the bandwidths would be even if I did have otional filters,which I don't.
What I want to know is what bandwidths can be acheived with different combinations of the standard filtering options of the 8.83Mhz & 455Khz settings that my standard TS850 has & as illustrated below ????

8.83Mhz Filters 455Khz Filters

6K 12K

2.7K 6K

2.7K

8118. Re: [TS-850_450_690] Re: Filter selection

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-07-10 21:31:07 UTC
From: Dennis
Topic: 8105 Message: 8118

Hi Shaun, take some time and experiment with the slope tune, high cut and low cut, and save your money. Dennis W8YS

----- Original Message -----
From: corrinedewhurst
To: TS-850_450_690@yahoogroups.com
Sent: Friday, July 10, 2009 12:37 PM
Subject: [TS-850_450_690] Re: Filter selection

--- In TS-850_450_690@yahoogroups.com, "corrinedewhurst" <corrinedewhurst@...> wrote:
>
> Hi,I have just bought myself a TS-850SAT,its in exceptionally clean condition
> and is one of the later 5 million serial number models :O)
> The TS-850 has no optional filters fitted & wondered if anybody could tell me
> the bandwidths for all the different combinations of the standard filter
> settings??
> As the only mention in the manual is of the 8.83Mhz & 455Khz both set at 2.7Khz
> which will produce a bandwidth of about 2.4Khz.
> Can anybody tell me what other combinations will produce???
> Thanx in advance & 73's ,Shaun :O)
>
Can nobody aswer this question or something???? :-S

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 8.5.375 / Virus Database: 270.13.9/2229 - Release Date: 07/10/09 07:05:00

[Non-text portions of this message have been removed]

8119. Re: [TS-850_450_690] Re: Filter selection

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-07-10 22:01:18 UTC
From: Zack Widup
Topic: 8105 Message: 8119

If you have no optional filters installed, then I think you have 6K and 12K
and that's it.

73, Zack W9SZ

2009/7/10 corrinedewhurst <corrinedewhurst@...>

>
>
> Hi Guys,all 3 off you missed my point,I do not have any optional filters
> fitted in my TS-850,nor do I want to know what the bandwidths would be even
> if I did have otional filters,which I don't.
> What I want to know is what bandwidths can be acheived with different
> combinations of the standard filtering options of the 8.83Mhz & 455Khz
> settings that my standard TS850 has & as illustrated below ????
>
> 8.83Mhz Filters 455Khz Filters
>
> 6K 12K
>
> 2.7K 6K
>
> 2.7K
>
>
>

[Non-text portions of this message have been removed]

8120. Roofing Filter/Filter Selection

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-07-10 22:07:04 UTC
From: Crownhaven
Topic: 8105 Message: 8120

Roland, how is the roofing filter working out? I know you initially
liked the results. Have you out anything new or different? I wonder if
anyone else on the list has installed one. I'm thinking about it.

Steve, N4JQQ

corrinedewhurst wrote:
> --- In TS-850_450_690@yahoogroups.com, "Roland Spoon" <Toesonnose@...> wrote:
>
>> Just buy the Inrad 2.1 filters for both IF's for SSB
>> or the 500HZ for CW. You'll be very Happy. And while your at it install the Inrad
Roofing filter. I would not worry about the differnt combos of filters just get matched
Inrads and dont bother with the Kenwood filters. Inrad should be able to answer all your
questions on filters. They make the best filters avaible anywhere period.
>> Roland AH6RR
>>
>>
>
>
>
> Hi Roland,unfortunatly at this moment intime my funds are depleted,so the optional
filters & the roofing filter are out of the question for now.
>
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
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>
>

8122. Filter selection

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-07-10 22:10:00 UTC
From: corrinedewhurst
Topic: 8105 Message: 8122

Hi Zack :O) it says on page 33 of the manual that if the 8.83Mhz & 455Khz are both set at 2.7Khz
then it will produce a bandwidth of about 2.4Khz.
Surely there must be other combinations for SSB aswell with just the standard filtering??
Cheers,Shaun

8123. Re: [TS-850_450_690] Roofing Filter/Filter Selection

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-07-10 22:10:23 UTC
From: Crownhaven
Topic: 8105 Message: 8123

Make that "have you noticed anything new or different??????"

Sorry

Crownhaven wrote:
> Roland, how is the roofing filter working out? I know you initially
> liked the results. Have you out anything new or different? I wonder if
> anyone else on the list has installed one. I'm thinking about it.
>
> Steve, N4JQQ
>
> corrinedewhurst wrote:
>
>> --- In TS-850_450_690@yahoogroups.com, "Roland Spoon" <Toesonnose@...> wrote:
>>
>>
>>> Just buy the Inrad 2.1 filters for both IF's for SSB
>>> or the 500HZ for CW. You'll be very Happy. And while your at it install the Inrad
Roofing filter. I would not worry about the differnt combos of filters just get matched
Inrads and dont bother with the Kenwood filters. Inrad should be able to answer all your
questions on filters. They make the best filters avaible anywhere period.
>>> Roland AH6RR
>>>
>>>
>>>
>>
>> Hi Roland,unfortunatly at this moment intime my funds are depleted,so the optional
filters & the roofing filter are out of the question for now.
>>
>>
>>
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>> ------------------------------------
>>
>> THANKS FOR USING TS-850_450_690@...! Groups Links
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> THANKS FOR USING TS-850_450_690@...! Groups Links
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8124. Inrad Roofing filter Mod

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-07-10 22:23:06 UTC
From: Roland Spoon
Topic: 7814 Message: 8124

This is for the many questions I have had concerning the Inrad Roofing Filter Mod. All I can say is after 2 couple of months of using this mod I do not see how I lived without it. The Receiver is just plain fantastic I worked TL0A who was S2 4 KHZ away from A huge Pileup on 20 meters. The radio is as good as any I have used lately and that includes a Elecraft K3. This weekend will be the true test in the IARU contest (the first since the install). If you have not installed the mod yet dont wait (who knows the price might go up) Order it today. Even if you dont put any other filters in THIS IS A MUST for the 850 too bad Kenwood did not think of it when they built designed it.

73,
Roland AH6RR

8125. Re: [TS-850_450_690] Filter selection

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-07-10 23:51:09 UTC
From: Zack Widup
Topic: 8105 Message: 8125

Hmm ... I don't really know for sure because I have the 2.1 kHz and 400 Hz INRAD filters in my radio. I haven't tried it withuot the filters. :-(

If you switch from the 6 kHz position to the 2.7 kHz position and it sounds like the noise decreases or the bandwidth reduces, then you're probably seeing 2.7 kHz filtering. I don't think you can get any narrower than that withoug putting in the additional filters.

I've heard so many raves about the INRAD roofing filters that that will probably be my next addition.

73, Zack W9SZ

On Fri, Jul 10, 2009 at 5:10 PM, corrinedewhurst <corrinedewhurst@...>wrote:

>
>
> Hi Zack :O) it says on page 33 of the manual that if the 8.83Mhz & 455Khz
> are both set at 2.7Khz
> then it will produce a bandwidth of about 2.4Khz.
> Surely there must be other combinations for SSB aswell with just the
> standard filtering??
> Cheers,Shaun
>
>
>

[Non-text portions of this message have been removed]

8126. Help with TS440S

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-07-13 00:46:41 UTC
From: Mario Aviles
Topic: 8126 Message: 8126

Hi Group:

I had my TS440S in storage for some time and decided to try it our this weekend. Everything seems to be working fine, except the fact that when I change bands, by pressing the band up down button, the frequency does not come back to the previuos frequency. For example, I am on 7,100 and then change to 20 meters the frequency shown is 14,100, when I switch to 15 m the frequency shown is 21,100 eventhough I might have been on another frequency on 20 and 15 m. I suspected the lithium battery but it is Ok as it still holds all the frequencies stored. I did reset the radio turning it on pressing the A=B button and nothing happens.

Any ideas on what to do?

73´s

Mario/YS1MAE

[Non-text portions of this message have been removed]

8127. Re: [TS-850_450_690] Help with TS440S

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-07-13 00:52:01 UTC
From: Dave ve3wej
Topic: 8126 Message: 8127

sounds normal. lithium battery is for MEMORY backup only, not band frequency memories

----- Original Message -----
From: Mario Aviles
To: TS-850_450_690@yahoogroups.com
Sent: Sunday, July 12, 2009 8:46 PM
Subject: [TS-850_450_690] Help with TS440S

Hi Group:

I had my TS440S in storage for some time and decided to try it our this weekend. Everything seems to be working fine, except the fact that when I change bands, by pressing the band up down button, the frequency does not come back to the previuos frequency. For example, I am on 7,100 and then change to 20 meters the frequency shown is 14,100, when I switch to 15 m the frequency shown is 21,100 eventhough I might have been on another frequency on 20 and 15 m. I suspected the lithium battery but it is Ok as it still holds all the frequencies stored. I did reset the radio turning it on pressing the A=B button and nothing happens.

Any ideas on what to do?

73´s

Mario/YS1MAE

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

8128. Re: [TS-850_450_690] Help with TS440S

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-07-13 00:53:42 UTC
From: Ashley40@AOL.com
Topic: 8126 Message: 8128

I would suspect one or more of the PC board interconnect connectors has developed some pin / socket corrosion.
You might try disconnecting and re-connecting all of them in the radio, and perhaps a very very small dose of De Oxit on any that show signs of corrosion or oxidation.

Kiss-Electronics
Ms Ashley Hall
W7DUZ
Cornelius, Oregon

In a message dated 7/12/2009 5:50:36 P.M. Pacific Daylight Time, mario.aviles@... writes:

Hi Group:

I had my TS440S in storage for some time and decided to try it our this weekend. Everything seems to be working fine, except the fact that when I change bands, by pressing the band up down button, the frequency does not come back to the previuos frequency. For example, I am on 7,100 and then change to 20 meters the frequency shown is 14,100, when I switch to 15 m the frequency shown is 21,100 eventhough I might have been on another frequency on 20 and 15 m. I suspected the lithium battery but it is Ok as it still holds all the frequencies stored. I did reset the radio turning it on pressing the A=B button and nothing happens.

Any ideas on what to do?

73´s

Mario/YS1MAE

[Non-text portions of this message have been removed]

THANKS FOR USING TS-850_450_690@...! Groups Links

**********Looking for love this summer? Find it now on AOL Personals. (http://personals.aol.com/?ncid=emlcntuslove00000003)

[Non-text portions of this message have been removed]

8129. Re: Help with TS440S

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-07-13 02:00:28 UTC
From: Roland Spoon
Topic: 8126 Message: 8129

I would say that the memory battery is shot replace it and things will be just fine again. I have owned a 440 and it did the same thing. Replaced the battery and bingo back to normal if I was last on 14.180 when I went back to 20 it was on 14.180.

Roland AH6RR

--- In TS-850_450_690@yahoogroups.com, Ashley40@... wrote:
>
> I would suspect one or more of the PC board interconnect connectors has
> developed some pin / socket corrosion.
> You might try disconnecting and re-connecting all of them in the radio,
> and perhaps a very very small dose of De Oxit on any that show signs of
> corrosion or oxidation.
>
> Kiss-Electronics
> Ms Ashley Hall
> W7DUZ
> Cornelius, Oregon
>
>
> In a message dated 7/12/2009 5:50:36 P.M. Pacific Daylight Time,
> mario.aviles@... writes:
>
> Hi Group:
>
> I had my TS440S in storage for some time and decided to try it our this
> weekend. Everything seems to be working fine, except the fact that when I
> change bands, by pressing the band up down button, the frequency does not come
> back to the previuos frequency. For example, I am on 7,100 and then change
> to 20 meters the frequency shown is 14,100, when I switch to 15 m the
> frequency shown is 21,100 eventhough I might have been on another frequency on
> 20 and 15 m. I suspected the lithium battery but it is Ok as it still holds
> all the frequencies stored. I did reset the radio turning it on pressing
> the A=B button and nothing happens.
>
> Any ideas on what to do?
>
> 73´s
>
> Mario/YS1MAE
>
> [Non-text portions of this message have been removed]
>
>
>

> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
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>
>
>
> **********Looking for love this summer? Find it now on AOL Personals.
> (http://personals.aol.com/?ncid=emlcntuslove00000003)
>
>
> [Non-text portions of this message have been removed]
>

8130. Re: [TS-850_450_690] Re: Help with TS440S

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-07-13 02:23:32 UTC
From: Mario Aviles
Topic: 8126 Message: 8130

Thanks to all that replied.
Roland, on your suggestion to change the battery, I wonder if you did this yourself or if you sent it in to have it replaced by Kenwood? I read the manual on this issue and they suggest to send it in since this is a CMOS sensitive issue. It seems to me it would be easy for me to replace it, but you never know. It is a big issue for us outside the USA to send equipment for repairs.

Mario YS1MAE

----- Original Message -----
From: Roland Spoon
To: TS-850_450_690@yahoogroups.com
Sent: Sunday, July 12, 2009 8:00 PM
Subject: [TS-850_450_690] Re: Help with TS440S

I would say that the memory battery is shot replace it and things will be just fine again. I have owned a 440 and it did the same thing. Replaced the battery and bingo back to normal if I was last on 14.180 when I went back to 20 it was on 14.180.

Roland AH6RR

--- In TS-850_450_690@yahoogroups.com, Ashley40@... wrote:
>
> I would suspect one or more of the PC board interconnect connectors has
> developed some pin / socket corrosion.
> You might try disconnecting and re-connecting all of them in the radio,
> and perhaps a very very small dose of De Oxit on any that show signs of
> corrosion or oxidation.
>
> Kiss-Electronics
> Ms Ashley Hall
> W7DUZ
> Cornelius, Oregon
>
>
> In a message dated 7/12/2009 5:50:36 P.M. Pacific Daylight Time,
> mario.aviles@... writes:
>
> Hi Group:
>
> I had my TS440S in storage for some time and decided to try it our this
> weekend. Everything seems to be working fine, except the fact that when I
> change bands, by pressing the band up down button, the frequency does not come
> back to the previuos frequency. For example, I am on 7,100 and then change
> to 20 meters the frequency shown is 14,100, when I switch to 15 m the
> frequency shown is 21,100 eventhough I might have been on another frequency on

> 20 and 15 m. I suspected the lithium battery but it is Ok as it still holds
> all the frequencies stored. I did reset the radio turning it on pressing
> the A=B button and nothing happens.
>
> Any ideas on what to do?
>
> 73´s
>
> Mario/YS1MAE
>
> [Non-text portions of this message have been removed]
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>
> THANKS FOR USING TS-850_450_690@...! Groups Links
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>
> **********Looking for love this summer? Find it now on AOL Personals.
> (http://personals.aol.com/?ncid=emlcntuslove00000003)
>
>
> [Non-text portions of this message have been removed]
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[Non-text portions of this message have been removed]

8131. Re: Help with TS440S

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-07-13 02:40:28 UTC
From: Clif
Topic: 8126 Message: 8131

Your battery is fine. If it turns on at 14.100 everytime it is powered up the battery is gone.

What you are describing is the way the TS440 works. It does not remember the last frequency on each band. You have to go to the TS450 to get that.

Clif

--- In TS-850_450_690@yahoogroups.com, "Mario Aviles" <mario.aviles@...> wrote:
>
> Thanks to all that replied.
> Roland, on your suggestion to change the battery, I wonder if you did this yourself or if you sent it in to have it replaced by Kenwood? I read the manual on this issue and they suggest to send it in since this is a CMOS sensitive issue. It seems to me it would be easy for me to replace it, but you never know. It is a big issue for us outside the USA to send equipment for repairs.
>
> Mario YS1MAE
>
> ----- Original Message -----
> From: Roland Spoon
> To: TS-850_450_690@yahoogroups.com
> Sent: Sunday, July 12, 2009 8:00 PM
> Subject: [TS-850_450_690] Re: Help with TS440S
>
>
>
>
>
>
> I would say that the memory battery is shot replace it and things will be just fine again. I have owned a 440 and it did the same thing. Replaced the battery and bingo back to normal if I was last on 14.180 when I went back to 20 it was on 14.180.
>
> Roland AH6RR
>
> --- In TS-850_450_690@yahoogroups.com, Ashley40@ wrote:
> >
> > I would suspect one or more of the PC board interconnect connectors has
> > developed some pin / socket corrosion.
> > You might try disconnecting and re-connecting all of them in the radio,
> > and perhaps a very very small dose of De Oxit on any that show signs of
> > corrosion or oxidation.
> >
> > Kiss-Electronics
> > Ms Ashley Hall
> > W7DUZ

> > Cornelius, Oregon
> >
> >
> > In a message dated 7/12/2009 5:50:36 P.M. Pacific Daylight Time,
> > mario.aviles@ writes:
> >
> > Hi Group:
> >
> > I had my TS440S in storage for some time and decided to try it our this
> > weekend. Everything seems to be working fine, except the fact that when I
> > change bands, by pressing the band up down button, the frequency does not come
> > back to the previuos frequency. For example, I am on 7,100 and then change
> > to 20 meters the frequency shown is 14,100, when I switch to 15 m the
> > frequency shown is 21,100 eventhough I might have been on another frequency on
> > 20 and 15 m. I suspected the lithium battery but it is Ok as it still holds
> > all the frequencies stored. I did reset the radio turning it on pressing
> > the A=B button and nothing happens.
> >
> > Any ideas on what to do?
> >
> > 73´s
> >
> > Mario/YS1MAE
> >
> > [Non-text portions of this message have been removed]
> >
> >
> >
> > ------------------------------------
> >
> > THANKS FOR USING TS-850_450_690@! Groups Links
> >
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> >
> > **********Looking for love this summer? Find it now on AOL Personals.
> > (http://personals.aol.com/?ncid=emlcntuslove00000003)
> >
> >
> > [Non-text portions of this message have been removed]
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> [Non-text portions of this message have been removed]
>

8133. Re: Filter selection

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-07-13 13:12:48 UTC
From: corrinedewhurst
Topic: 8105 Message: 8133

No probs Zack,it seems nobody knows the bandwidths that can be acheived with various combinations of the standard filters,cheers anyway :O)

--- In TS-850_450_690@yahoogroups.com, Zack Widup <w9sz.zack@...> wrote:
>
> Hmm ... I don't really know for sure because I have the 2.1 kHz and 400 Hz
> INRAD filters in my radio. I haven't tried it withuot the filters. :-(
>
> If you switch from the 6 kHz position to the 2.7 kHz position and it sounds
> like the noise decreases or the bandwidth reduces, then you're probably
> seeing 2.7 kHz filtering. I don't think you can get any narrower than that
> withoug putting in the additional filters.
>
> I've heard so many raves about the INRAD roofing filters that that will
> probably be my next addition.
>
> 73, Zack W9SZ
>
> On Fri, Jul 10, 2009 at 5:10 PM, corrinedewhurst
> <corrinedewhurst@...>wrote:
>
> >
> >
> > Hi Zack :O) it says on page 33 of the manual that if the 8.83Mhz & 455Khz
> > are both set at 2.7Khz
> > then it will produce a bandwidth of about 2.4Khz.
> > Surely there must be other combinations for SSB aswell with just the
> > standard filtering??
> > Cheers,Shaun
> >
> >
> >
>
>
> [Non-text portions of this message have been removed]
>

8134. TS-690S receiver problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-07-13 15:32:04 UTC
From: bayuh@yahoo.com
Topic: 8134 Message: 8134

Dear all,

I just bought a new but old stock TS-690S couple of months ago. It went flawlessly until few weeks ago, when I turned on the radio in a saturday morning.

The problem: when it turned on after a long period of "off" time (more than 20 minutes), the S-meter jump up to maximum and then slowly goes down after couple of minutes. The situation is just like we turn the RF gain counterclockwise quickly and then turn it back clockwise very slowly. After couple of minutes the rx is operating normally.

Any advice, anyone?

Thank you

Best & 73
Bayu YC1RJ
Sent from my BlackBerry®
powered by Sinyal Kuat INDOSAT

8135. Re: TS-690S receiver problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-07-13 18:53:24 UTC
From: Carl
Topic: 8134 Message: 8135

Bayu,
Turn-on is pumping up the AGC but the AGC decay circuit is not working. I had a TS-950SDX in the shop a while back that did this and it was CD4066 FET switch that controlled the AGC timing ranges that had failed. I would start looking around the AGC first. Without pulling the schematic the TS-690 may have more than one AGC loop. I know the TS-950SDX did. It will be the AGC loop that drives the S-meter circuit. Does the S-meter fall fast when you switch the AGC to OFF on the front panel?
--- In TS-850_450_690@yahoogroups.com, bayuh@... wrote:
>
>
> Dear all,
>
> I just bought a new but old stock TS-690S couple of months ago. It went flawlessly until few weeks ago, when I turned on the radio in a saturday morning.
>
> The problem: when it turned on after a long period of "off" time (more than 20 minutes), the S-meter jump up to maximum and then slowly goes down after couple of minutes. The situation is just like we turn the RF gain counterclockwise quickly and then turn it back clockwise very slowly. After couple of minutes the rx is operating normally.
>
> Any advice, anyone?
>
> Thank you
>
> Best & 73
> Bayu YC1RJ
> Sent from my BlackBerry®
> powered by Sinyal Kuat INDOSAT
>

8136. Re: [TS-850_450_690] Re: TS-690S receiver problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-07-13 22:16:18 UTC
From: bayuh@yahoo.com
Topic: 8134 Message: 8136

Hi Carl,

Thanks for the advise, TS690S does not have AGC off, only slow and fast, unfortunately.

I will read on the AGC circuitry and try to locate the faulty components. Fyi, if I turn the RF Gain fast to the ccw/left when the signal meter is still peaking, the signal wnet down fast for a while before went up again and follow the very slow decay (its like heating the tube filaments....:)

May be something wrong also in RF Gain circuit?

Thanks

Sent from my BlackBerry?
powered by Sinyal Kuat INDOSAT

-----Original Message-----
From: "Carl" <lc4600g@...>

Date: Mon, 13 Jul 2009 18:53:24
To: <TS-850_450_690@yahoogroups.com>
Subject: [TS-850_450_690] Re: TS-690S receiver problem

Bayu,
Turn-on is pumping up the AGC but the AGC decay circuit is not working. I had a TS-950SDX in the shop a while back that did this and it was CD4066 FET switch that controlled the AGC timing ranges that had failed. I would start looking around the AGC first. Without pulling the schematic the TS-690 may have more than one AGC loop. I know the TS-950SDX did. It will be the AGC loop that drives the S-meter circuit. Does the S-meter fall fast when you switch the AGC to OFF on the front panel?
--- In TS-850_450_690@yahoogroups.com, bayuh@... wrote:
>
>
> Dear all,
>
> I just bought a new but old stock TS-690S couple of months ago. It went flawlessly until few weeks ago, when I turned on the radio in a saturday morning.
>
> The problem: when it turned on after a long period of "off" time (more than 20 minutes), the S-meter jump up to maximum and then slowly goes down after couple of minutes. The situation is just like we turn the RF gain counterclockwise quickly and then turn it back clockwise very slowly. After couple of minutes the rx is operating normally.
>
> Any advice, anyone?
>
> Thank you
>

> Best & 73
> Bayu YC1RJ
> Sent from my BlackBerry?
> powered by Sinyal Kuat INDOSAT
>

[Non-text portions of this message have been removed]

8137. Re: [TS-850_450_690] Re: TS-690S receiver problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-07-14 16:25:24 UTC
From: bayuh@yahoo.com
Topic: 8134 Message: 8137

Dear all....

Good news. Upon close examination on IF and RF board and some fixing, the RX went back to normal!

Procedure were:

-disconnect power supply
-open all screws and connectors in IF and RF board -start with AGC circuit.
-Found a broken capacitor C105 in IF board (AF output) 470uF.
-Changed with stock Capacitor (well I have only 100uF available but it should work with some compromise)
-secure all screws and connectors back.
-turned the radio on, and Voila!

It works normal again. However, I am still not sure how a broken AF Capacitor affecting the RX with such symptom.....

Thanks
73

Sent from my BlackBerry®
powered by Sinyal Kuat INDOSAT

-----Original Message-----
From: bayuh@yahoo.com

Date: Mon, 13 Jul 2009 22:16:18
To: TS 450-690-850 mailist<TS-850_450_690@yahoogroups.com>
Subject: Re: [TS-850_450_690] Re: TS-690S receiver problem

Hi Carl,

Thanks for the advise, TS690S does not have AGC off, only slow and fast, unfortunately.

I will read on the AGC circuitry and try to locate the faulty components. Fyi, if I turn the RF Gain fast to the ccw/left when the signal meter is still peaking, the signal wnet down fast for a while before went up again and follow the very slow decay (its like heating the tube filaments....:)

May be something wrong also in RF Gain circuit?

Thanks

Sent from my BlackBerry®

powered by Sinyal Kuat INDOSAT

-----Original Message-----

From: "Carl" <lc4600g@hotmail.com>

Date: Mon, 13 Jul 2009 18:53:24

To: <TS-850_450_690@yahoogroups.com>

Subject: [TS-850_450_690] Re: TS-690S receiver problem

Bayu,

Turn-on is pumping up the AGC but the AGC decay circuit is not working. I had a TS-950SDX in the shop a while back that did this and it was CD4066 FET switch that controlled the AGC timing ranges that had failed. I would start looking around the AGC first. Without pulling the schematic the TS-690 may have more than one AGC loop. I know the TS-950SDX did. It will be the AGC loop that drives the S-meter circuit. Does the S-meter fall fast when you switch the AGC to OFF on the front panel?

--- In TS-850_450_690@yahoogroups.com, bayuh@... wrote:

>

>

> Dear all,

>

> I just bought a new but old stock TS-690S couple of months ago. It went flawlessly until few weeks ago, when I turned on the radio in a saturday morning.

>

> The problem: when it turned on after a long period of "off" time (more than 20 minutes), the S-meter jump up to maximum and then slowly goes down after couple of minutes. The situation is just like we turn the RF gain counterclockwise quickly and then turn it back clockwise very slowly. After couple of minutes the rx is operating normally.

>

> Any advice, anyone?

>

> Thank you

>

> Best & 73

> Bayu YC1RJ

> Sent from my BlackBerry®

> powered by Sinyal Kuat INDOSAT

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[Non-text portions of this message have been removed]

THANKS FOR USING TS-850_450_690@YAHOOGROUPS.COMYahoo! Groups Links

8138. Re: TS-690S receiver problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-07-14 19:54:34 UTC
From: cohenro10
Topic: 8134 Message: 8138

Hi Bayu

I had the very same problem on my 690 with the symtoms you suggested. The audio output cap broke open and spilling its guts onto the IF board. I replaced the cap and cleaned the board with Servisol (switch cleaner spray) and a toothbrush and left in the sun for a day to dry out. I'm sure the electrolyte from the cap caused the problem. Been working well for about 3 years now.

Regards

Rob

--- In TS-850_450_690@yahoogroups.com, bayuh@... wrote:
>
> Dear all....
>
> Good news. Upon close examination on IF and RF board and some fixing, the RX went back to normal!
>
> Procedure were:
>
> -disconnect power supply
> -open all screws and connectors in IF and RF board -start with AGC circuit.
> -Found a broken capacitor C105 in IF board (AF output) 470uF.
> -Changed with stock Capacitor (well I have only 100uF available but it should work with some compromise)
> -secure all screws and connectors back.
> -turned the radio on, and Voila!
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> It works normal again. However, I am still not sure how a broken AF Capacitor affecting the RX with such symptom.....
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>
> Thanks
> 73
>
>
> Sent from my BlackBerry®
> powered by Sinyal Kuat INDOSAT
>
> -----Original Message-----
> From: bayuh@...
>
> Date: Mon, 13 Jul 2009 22:16:18
> To: TS 450-690-850 mailist<TS-850_450_690@yahoogroups.com>
> Subject: Re: [TS-850_450_690] Re: TS-690S receiver problem

>
>
> Hi Carl,

>

> Thanks for the advise, TS690S does not have AGC off, only slow and fast, unfortunately.

>

> I will read on the AGC circuitry and try to locate the faulty components. Fyi, if I turn the RF Gain fast to the ccw/left when the signal meter is still peaking, the signal wnet down fast for a while before went up again and follow the very slow decay (its like heating the tube filaments....:)

>

> May be something wrong also in RF Gain circuit?

>

> Thanks

>

>

> Sent from my BlackBerry®

> powered by Sinyal Kuat INDOSAT

>

> -----Original Message-----

> From: "Carl" <lc4600g@...>

>

> Date: Mon, 13 Jul 2009 18:53:24

> To: <TS-850_450_690@yahoogroups.com>

> Subject: [TS-850_450_690] Re: TS-690S receiver problem

>

>

>

> Bayu,

> Turn-on is pumping up the AGC but the AGC decay circuit is not working. I had a TS-950SDX in the shop a while back that did this and it was CD4066 FET switch that controlled the AGC timing ranges that had failed. I would start looking around the AGC first. Without pulling the schematic the TS-690 may have more than one AGC loop. I know the TS-950SDX did. It will be the AGC loop that drives the S-meter circuit. Does the S-meter fall fast when you switch

the AGC to OFF on the front panel?

> --- In TS-850_450_690@yahoogroups.com, bayuh@ wrote:

> >

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> > Dear all,

> >

> > I just bought a new but old stock TS-690S couple of months ago. It went flawlessly until few weeks ago, when I turned on the radio in a saturday morning.

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> > The problem: when it turned on after a long period of "off" time (more than 20 minutes), the S-meter jump up to maximum and then slowly goes down after couple of minutes. The situation is just like we turn the RF gain counterclockwise quickly and then turn it back clockwise very slowly. After couple of minutes the rx is operating normally.

> >

> > Any advice, anyone?

> >

> > Thank you

> >

> > Best & 73

> > Bayu YC1RJ

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> > powered by Sinyal Kuat INDOSAT

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> [Non-text portions of this message have been removed]
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> THANKS FOR USING TS-850_450_690@...! Groups Links
>

8139. Re: [TS-850_450_690] Re: TS-690S receiver problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-07-14 22:42:52 UTC
From: bayuh@yahoo.com
Topic: 8134 Message: 8139

Hi Rob,

QSL,

yes maybe you are right, I just suspect that the AGC voltage got affected somehow, but not so sure how. I just use alcohol 90% to clean up the electrolyte.

Btw any suggestion to open the black connectors with white, multiple pair of wires? I did not remove it during my repair, since I am not sure how and did not want to break the wires.......:)

Best
Bayu

Sent from my BlackBerry?
powered by Sinyal Kuat INDOSAT

-----Original Message-----
From: "cohenro10" <robzs5la@...>

Date: Tue, 14 Jul 2009 19:54:34
To: <TS-850_450_690@yahoogroups.com>
Subject: [TS-850_450_690] Re: TS-690S receiver problem

Hi Bayu

I had the very same problem on my 690 with the symtoms you suggested. The audio output cap broke open and spilling its guts onto the IF board. I replaced the cap and cleaned the board with Servisol (switch cleaner spray) and a toothbrush and left in the sun for a day to dry out. I'm sure the electrolyte from the cap caused the problem. Been working well for about 3 years now.

Regards

Rob

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> -Found a broken capacitor C105 in IF board (AF output) 470uF.

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> Sent from my BlackBerry?
> powered by Sinyal Kuat INDOSAT
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> -----Original Message-----
> From: bayuh@...
>
> Date: Mon, 13 Jul 2009 22:16:18
> To: TS 450-690-850 mailist<TS-850_450_690@yahoogroups.com>
> Subject: Re: [TS-850_450_690] Re: TS-690S receiver problem
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> Hi Carl,

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>

> Sent from my BlackBerry?

> powered by Sinyal Kuat INDOSAT

>

> -----Original Message-----

> From: "Carl" <lc4600g@...>

>

> Date: Mon, 13 Jul 2009 18:53:24

> To: <TS-850_450_690@yahoogroups.com>

> Subject: [TS-850_450_690] Re: TS-690S receiver problem

>

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> Bayu,

> Turn-on is pumping up the AGC but the AGC decay circuit is not working. I had a TS-950SDX in the shop a while back that did this and it was CD4066 FET switch that controlled the AGC timing ranges that had failed. I would start looking around the AGC first. Without pulling the schematic the TS-690 may have more than one AGC loop. I know the TS-950SDX did. It will be the AGC loop that drives the S-meter circuit. Does the S-meter fall fast when you switch the AGC to OFF on the front panel?

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> > Any advice, anyone?

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> > Best & 73

> > Bayu YC1RJ

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> > powered by Sinyal Kuat INDOSAT

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> [Non-text portions of this message have been removed]
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>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>

[Non-text portions of this message have been removed]

8140. Re: TS-690S receiver problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-07-15 15:45:04 UTC
From: Clif
Topic: 8134 Message: 8140

If you look closely where that cap leaked you will find the RXB, TXB, AGC, and ALC lines as well as several others. That stuff it leaked is conductive and can ground or short what it touches. It also damages thru holes in the board. Alcohol doesn't do a very good job by itself, I use a toothbrush and Carburetor Cleaner from the auto parts store. It has Xylene, Acetone, and Alcohol and does a very good job. It also eats plastic, be careful.

I just spent 2 hours cleaning up the mess on a 450 the cap left.

Clif

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> Best
> Bayu
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>
> Sent from my BlackBerry®
> powered by Sinyal Kuat INDOSAT
>
> -----Original Message-----
> From: "cohenro10" <robzs5la@...>
>
> Date: Tue, 14 Jul 2009 19:54:34
> To: <TS-850_450_690@yahoogroups.com>
> Subject: [TS-850_450_690] Re: TS-690S receiver problem
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> Hi Bayu
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> > Thanks
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> >
> > Sent from my BlackBerry®
> > powered by Sinyal Kuat INDOSAT
> >
> > -----Original Message-----
> > From: bayuh@
> >
> > Date: Mon, 13 Jul 2009 22:16:18
> > To: TS 450-690-850 mailist<TS-850_450_690@yahoogroups.com>
> > Subject: Re: [TS-850_450_690] Re: TS-690S receiver problem
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> >
> > Hi Carl,
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> > powered by Sinyal Kuat INDOSAT
>
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>
> > -----Original Message-----
>
> > From: "Carl" <lc4600g@>
>
> >
>
> > Date: Mon, 13 Jul 2009 18:53:24
>
> > To: <TS-850_450_690@yahoogroups.com>
>
> > Subject: [TS-850_450_690] Re: TS-690S receiver problem
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> >
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> > Bayu,
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> > THANKS FOR USING TS-850_450_690@! Groups Links
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> [Non-text portions of this message have been removed]
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8141. TS-690 Frequency off ...

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-07-15 21:55:15 UTC
From: Marc Tessier
Topic: 8141 Message: 8141

Hello group, in respect to my TS-690...
"I was wondering (and I have looked many times at the schematic and service manual) how to put my TS-690 back on frequency as it seems to be about 150-180Hz off frequency?" Now this is both the TX and RX Frequency that is off by this amount, and it is showing higher than it should be at this point. I know I could use the RIT or just learn to live with it, but is that the real solution? I'm sure there has to be a master oscillator or the sorts of that one can tune to get it closer to the actual frequency?...

BTW it is actually closer to 130 Hz higher than it should be, the above was a guess and i just verified its actual inaccuracies now...

Please I am really annoyed by this , other than that the rig seams fine...

Regards,

Marc Tessier - VE3TES
ve3tes@...

8142. Re: [TS-850_450_690] Re: TS-690S receiver problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-07-15 23:36:24 UTC
From: bayuh@yahoo.com
Topic: 8134 Message: 8142

Thanks Clif,

Any suggestion for the black connectors removal? I am planning to do just you and Rob suggesting, but just not sure about that connectors removal. Mine is never opened before.

Thanks
Bayu

Sent from my BlackBerry?
powered by Sinyal Kuat INDOSAT

-----Original Message-----
From: "Clif" <clif@...>

Date: Wed, 15 Jul 2009 15:45:04
To: <TS-850_450_690@yahoogroups.com>
Subject: [TS-850_450_690] Re: TS-690S receiver problem

If you look closely where that cap leaked you will find the RXB, TXB, AGC, and ALC lines as well as several others. That stuff it leaked is conductive and can ground or short what it touches. It also damages thru holes in the board. Alcohol doesn't do a very good job by itself, I use a toothbrush and Carburetor Cleaner from the auto parts store. It has Xylene, Acetone, and Alcohol and does a very good job. It also eats plastic, be careful.

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> Hi Rob,
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> Btw any suggestion to open the black connectors with white, multiple pair of wires? I did not remove it during my repair, since I am not sure how and did not want to break the wires.......:)
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> Bayu
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>
> Sent from my BlackBerry?

> powered by Sinyal Kuat INDOSAT
>
> -----Original Message-----
> From: "cohenro10" <robzs5la@...>
>
> Date: Tue, 14 Jul 2009 19:54:34
> To: <TS-850_450_690@yahoogroups.com>
> Subject: [TS-850_450_690] Re: TS-690S receiver problem
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> Regards
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> > powered by Sinyal Kuat INDOSAT
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> > From: bayuh@
> >
> > Date: Mon, 13 Jul 2009 22:16:18
> > To: TS 450-690-850 mailist<TS-850_450_690@yahoogroups.com>
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> > Date: Mon, 13 Jul 2009 18:53:24
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> > To: <TS-850_450_690@yahoogroups.com>
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> > Subject: [TS-850_450_690] Re: TS-690S receiver problem

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> > THANKS FOR USING TS-850_450_690@! Groups Links
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> [Non-text portions of this message have been removed]
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[Non-text portions of this message have been removed]

8143. Re: TS-690S receiver problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-07-16 00:35:20 UTC
From: Clif
Topic: 8134 Message: 8143

Leave it alone if you don't know how to get it off. You will damage the board and cause more problems.

Clif

--- In TS-850_450_690@yahoogroups.com, bayuh@... wrote:
>
> Thanks Clif,
>
> Any suggestion for the black connectors removal? I am planning to do just you and Rob suggesting, but just not sure about that connectors removal. Mine is never opened before.
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> > >
> > > Date: Mon, 13 Jul 2009 22:16:18
> > > To: TS 450-690-850 mailist<TS-850_450_690@yahoogroups.com>
> > > Subject: Re: [TS-850_450_690] Re: TS-690S receiver problem
> > >
> > >
> > > Hi Carl,
> >
> > >
> >
> > > Thanks for the advise, TS690S does not have AGC off, only slow and fast,
unfortunately.
> >
> > >
> >
> > > I will read on the AGC circuitry and try to locate the faulty components. Fyi, if I
turn the RF Gain fast to the ccw/left when the signal meter is still peaking, the signal
wnet down fast for a while before went up again and follow the very slow decay (its like
heating the tube filaments....:)
> >
> > >
> >
> > > May be something wrong also in RF Gain circuit?
> >
> > >
> >
> > > Thanks
> >
> > >
> >
> > >
> >
> > > Sent from my BlackBerry®
> >
> > > powered by Sinyal Kuat INDOSAT
> >
> > >
> >
> > > -----Original Message-----

> >
> > > From: "Carl" <lc4600g@>
> >
> > >
> >
> > > Date: Mon, 13 Jul 2009 18:53:24
> >
> > > To: <TS-850_450_690@yahoogroups.com>
> >
> > > Subject: [TS-850_450_690] Re: TS-690S receiver problem
> >
> > >
> >
> > >
> >
> > > Bayu,
> >
> > > Turn-on is pumping up the AGC but the AGC decay circuit is not working. I had a TS-950SDX in the shop a while back that did this and it was CD4066 FET switch that controlled the AGC timing ranges that had failed. I would start looking around the AGC first. Without pulling the schematic the TS-690 may have more than one AGC loop. I know the TS-950SDX did. It will be the AGC loop that drives the S-meter circuit. Does the S-meter fall fast when you switch the AGC to OFF on the front panel?
> >
> > > --- In TS-850_450_690@yahoogroups.com, bayuh@ wrote:
> >
> > > >
> >
> > > >
> >
> > > > Dear all,
> >
> > > >
> >
> > > > I just bought a new but old stock TS-690S couple of months ago. It went flawlessly until few weeks ago, when I turned on the radio in a saturday morning.
> >
> > > >
> >
> > > > The problem: when it turned on after a long period of "off" time (more than 20 minutes), the S-meter jump up to maximum and then slowly goes down after couple of minutes. The situation is just like we turn the RF gain counterclockwise quickly and then turn it back clockwise very slowly. After couple of minutes the rx is operating normally.
> >
> > > >
> >
> > > > Any advice, anyone?
> >
> > > >
> >

> > > > Thank you
> >
> > > >
> >
> > > > Best & 73
> >
> > > > Bayu YC1RJ
> >
> > > > Sent from my BlackBerry®
> >
> > > > powered by Sinyal Kuat INDOSAT
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> > > [Non-text portions of this message have been removed]
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> > >
> > > ------------------------------------
> > >
> > > THANKS FOR USING TS-850_450_690@! Groups Links
> > >
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> > [Non-text portions of this message have been removed]
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8144. TS-850S recommended parts list

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-07-16 00:52:13 UTC
From: Jordan
Topic: 8144 Message: 8144

Hi...Can someone please point me in the direction of a list of components that you would normally expect to use in overhauling an 850...I have to go in and replace a vco cap, and I though I might as well put commit and do the whole thing..

After seeing some pics posted lately, better safe than sorry... 73...Jordan VE6ZT

[Non-text portions of this message have been removed]

8145. YM66312

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-07-20 14:35:19 UTC
From: yu2mma
Topic: 8145 Message: 8145

Hello ppl,

i have problem with my TS 450s. Chip YM66312 on carrier unit is broken, and cant find them anywhere. Is anybody have idea, where i can find him, because i am 6 months with out my RIG, and cant work, because this is my only RIG:

Any sugestons, please write here.

Thanks

8146. Re: [TS-850_450_690] YM66312

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-07-20 15:10:34 UTC
From: aborg
Topic: 8145 Message: 8146

Electronics Distributor Search Our Huge Selection ofQuality Electronic Components Today
www.digikey.com

" http://www.ic2ic.com/search.jsp?sSearchWord=YM66312 "

Mike-KK4MS

a_borg@...

--- On Mon, 7/20/09, yu2mma <yu2mma@...> wrote:

From: yu2mma <yu2mma@...>
Subject: [TS-850_450_690] YM66312
To: TS-850_450_690@yahoogroups.com
Date: Monday, July 20, 2009, 10:35 AM

Hello ppl,

i have problem with my TS 450s. Chip YM66312 on carrier unit is broken, and cant find them anywhere. Is anybody have idea, where i can find him, because i am 6 months with out my RIG, and cant work, because this is my only RIG:

Any sugestons, please write here.

Thanks

[Non-text portions of this message have been removed]

8147. Re: YM66312

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-07-20 19:37:41 UTC
From: Clif
Topic: 8145 Message: 8147

Have you purchased any from China/Hong Kong? I would like to find someone who has and can tell me if the chips worked. Also what kind of pricing? They probably won't sell just one, usually min of 100.

Clif

--- In TS-850_450_690@yahoogroups.com, aborg <a_borg@...> wrote:
>
> Electronics Distributor Search Our Huge Selection ofQuality Electronic Components Today www.digikey.com
>
> " http://www.ic2ic.com/search.jsp?sSearchWord=YM66312 "
>
> Mike-KK4MS
>
> a_borg@...
>
> --- On Mon, 7/20/09, yu2mma <yu2mma@...> wrote:
>
> From: yu2mma <yu2mma@...>
> Subject: [TS-850_450_690] YM66312
> To: TS-850_450_690@yahoogroups.com
> Date: Monday, July 20, 2009, 10:35 AM
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> Hello ppl,
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> i have problem with my TS 450s. Chip YM66312 on carrier unit is broken, and cant find them anywhere. Is anybody have idea, where i can find him, because i am 6 months with out my RIG, and cant work, because this is my only RIG:
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> Any sugestons, please write here.
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8148. Re: YM66312

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-07-20 21:52:52 UTC
From: yu2mma
Topic: 8145 Message: 8148

No, i am not. I think that you must have some one there, in other case, there is no way to send you a part.

--- In TS-850_450_690@yahoogroups.com, "Clif" <clif@...> wrote:
>
> Have you purchased any from China/Hong Kong? I would like to find someone who has and can tell me if the chips worked. Also what kind of pricing? They probably won't sell just one, usually min of 100.
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, aborg <a_borg@> wrote:
> >
> > Electronics Distributor ï¿½ ï¿½Search Our Huge Selection ofQuality Electronic Components Today ï¿½ ï¿½www.digikey.com
> >
> > ï¿½ " http://www.ic2ic.com/search.jsp?sSearchWord=YM66312 "
> >
> > Mike-KK4MS
> >
> > a_borg@
> >
> > --- On Mon, 7/20/09, yu2mma <yu2mma@> wrote:
> >
> > From: yu2mma <yu2mma@>
> > Subject: [TS-850_450_690] YM66312
> > To: TS-850_450_690@yahoogroups.com
> > Date: Monday, July 20, 2009, 10:35 AM
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> > Hello ppl,
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> > i have problem with my TS 450s. Chip YM66312 on carrier unit is broken, and cant find

them anywhere. Is anybody have idea, where i can find him, because i am 6 months with out my RIG, and cant work, because this is my only RIG:
> >
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> > Any sugestons, please write here.
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> > Thanks
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8149. unreadable display

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-07-21 19:33:52 UTC
From: Exer Morales
Topic: 8149 Message: 8149

HI group:
I just purchased a TS 850S with some minors issues. First the display shows Unreadable numbers. Second the antenna tunner dont tune in 10 meters and i had low power output in this band. On the others bands everything works ok. Im new with kenwood radios.Any help will be appreciated.

Exer Morales KP4CAT

8150. Re: unreadable display

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-07-21 20:40:17 UTC
From: mm3cbo
Topic: 8149 Message: 8150

--- In TS-850_450_690@yahoogroups.com, "Exer Morales" <kp4cat@...> wrote:
>
> HI group:
> I just purchased a TS 850S with some minors issues. First the display shows Unreadable numbers. Second the antenna tunner dont tune in 10 meters and i had low power output in this band. On the others bands everything works ok. Im new with kenwood radios.Any help will be appreciated.
>
>
> Exer Morales KP4CAT
>
Hi, I had similar problems with a friends 850 and here is how i resolved it, i have posted pics in the photo section of the display fix, C18 leaked and damaged the link to both sides of the board causing the display to be unreadable,after cleaning the board on both sides with ISO spray i made the link as you will see in the pics, i replaced C18, C7 and C8, and the display worked good and still does.
Low power on 10mts was a problem with IC1 on the RF unit (SN74LS145N, pin 2 showed low voltage (.890v)it should have showed (11.2v) all other pins showed correct voltage according to schematic diagram, i replaced this IC and all works well now, i hope this info is of help to you as it was to me, thanks to clif@avvid.com for advice and guidence.

MM3CBO John

8151. TS850S Memory Question

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-07-22 13:24:12 UTC
From: a_borg
Topic: 8151 Message: 8151

How do I get out of the memory channels and land on the current band of the memory channel. Example I'm on channel 02: frequency 7.195.00, I want to come out of the memory channel and stay on the frequency or band ?

Thanks

Mike

8152. Re: [TS-850_450_690] TS850S Memory Question

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-07-22 14:54:46 UTC
From: Zack Widup
Topic: 8151 Message: 8152

Push the M>VFO key. That should do it.

73, Zack W9SZ

On Wed, Jul 22, 2009 at 8:24 AM, a_borg <a_borg@...> wrote:

>
>
> How do I get out of the memory channels and land on the current band of the
> memory channel. Example I'm on channel 02: frequency 7.195.00, I want to
> come out of the memory channel and stay on the frequency or band ?
>
> Thanks
>
> Mike
>
>
>

[Non-text portions of this message have been removed]

8153. Re: [TS-850_450_690] TS850S Memory Question

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-07-22 15:03:09 UTC
From: aborg
Topic: 8151 Message: 8153

Thank you. I just got this rig yesterday almost brand new. It even smells new. Now to locate the the elusive 6 pin din plug.

Thanks

Mike-KK4MS

a_borg@...

--- On Wed, 7/22/09, Zack Widup <w9sz.zack@...> wrote:

From: Zack Widup <w9sz.zack@...>
Subject: Re: [TS-850_450_690] TS850S Memory Question
To: TS-850_450_690@yahoogroups.com
Date: Wednesday, July 22, 2009, 10:54 AM

Push the M>VFO key. That should do it.

73, Zack W9SZ

On Wed, Jul 22, 2009 at 8:24 AM, a_borg <a_borg@yahoo. com> wrote:

>

>

> How do I get out of the memory channels and land on the current band of the

> memory channel. Example I'm on channel 02: frequency 7.195.00, I want to

> come out of the memory channel and stay on the frequency or band ?

>

> Thanks

>

> Mike

>

>

>

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8154. Re: [TS-850_450_690] TS850S Memory Question

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-07-22 19:18:11 UTC
From: Dave ve3wej
Topic: 8151 Message: 8154

6 pin din (same as commodore 64 disk drive cable) for the computer interface??

check used shops, pawn shops...

Dave Garber
VE3WEJ

----- Original Message -----
From: aborg
To: TS-850_450_690@yahoogroups.com
Sent: Wednesday, July 22, 2009 11:03 AM
Subject: Re: [TS-850_450_690] TS850S Memory Question

Thank you. I just got this rig yesterday almost brand new. It even smells new. Now to locate the the elusive 6 pin din plug.

Thanks

Mike-KK4MS

a_borg@...

--- On Wed, 7/22/09, Zack Widup <w9sz.zack@...> wrote:

From: Zack Widup <w9sz.zack@...>
Subject: Re: [TS-850_450_690] TS850S Memory Question
To: TS-850_450_690@yahoogroups.com
Date: Wednesday, July 22, 2009, 10:54 AM

Push the M>VFO key. That should do it.

73, Zack W9SZ

On Wed, Jul 22, 2009 at 8:24 AM, a_borg <a_borg@yahoo. com> wrote:

>

>

> How do I get out of the memory channels and land on the current band of the

> memory channel. Example I'm on channel 02: frequency 7.195.00, I want to

> come out of the memory channel and stay on the frequency or band ?

>

> Thanks

>

> Mike

>

>

>

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8155. Re: TS850S Memory Question

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-07-22 19:27:56 UTC
From: Roland Spoon
Topic: 8151 Message: 8155

Check Buxxcom also they used to cary them new and cheap.
Roland AH6RR

--- In TS-850_450_690@yahoogroups.com, "Dave ve3wej" <ve3wej@...> wrote:
>
> 6 pin din (same as commodore 64 disk drive cable) for the computer interface??
>
>
>
> check used shops, pawn shops...
>
> Dave Garber
> VE3WEJ
>
>
> ----- Original Message -----
> From: aborg
> To: TS-850_450_690@yahoogroups.com
> Sent: Wednesday, July 22, 2009 11:03 AM
> Subject: Re: [TS-850_450_690] TS850S Memory Question
>
>
> Thank you. I just got this rig yesterday almost brand new. It even smells new. Now to
locate the the elusive 6 pin din plug.
>
> Thanks
>
> Mike-KK4MS
>
> a_borg@...
>
> --- On Wed, 7/22/09, Zack Widup <w9sz.zack@...> wrote:
>
> From: Zack Widup <w9sz.zack@...>
> Subject: Re: [TS-850_450_690] TS850S Memory Question
> To: TS-850_450_690@yahoogroups.com
> Date: Wednesday, July 22, 2009, 10:54 AM
>
>
>
> Push the M>VFO key. That should do it.
>
> 73, Zack W9SZ
>
> On Wed, Jul 22, 2009 at 8:24 AM, a_borg <a_borg@yahoo. com> wrote:

>
> >
>
> >
>
> > How do I get out of the memory channels and land on the current band of the
>
> > memory channel. Example I'm on channel 02: frequency 7.195.00, I want to
>
> > come out of the memory channel and stay on the frequency or band ?
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> > Thanks
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> > Mike
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8156. Re: [TS-850_450_690] Re: TS850S Memory Question

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-07-22 21:22:34 UTC
From: Jack
Topic: 8151 Message: 8156

Hi Mike,

If you make the mistake of dealing with Buxcomm, let the buyer beware. I purchased a 13 pin din cable that was supposed to be terminated in the 5 pin edge connector for a PK-232 to connect my 850 and my PK-232 together. No way did it match the schematic diagram on their website and they tried to bully and intimidate me when I called for assistance. Those morons insisted that "every cable is tested prior to shipment". BS! And oh yeah I was told that I didn't know how to read the pin numbers on din plugs via a tech support department e-mail. Funny then neither did the communications shop owner sitting next to me (when we checked the cable) know how to read pin-outs either. I guess they were too nutless to say that to me personally.

Old man Buck is a deep dish jerk and he'll play hell ever getting any more money or business from me. So I'd have to concur that old commodore disk drive cables or a pawn shop might be a better source for your cable needs.

Good Luck,
Jack
N3JLW

----- Original Message -----
From: "Roland Spoon" <Toesonnose@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Wednesday, July 22, 2009 3:27 PM
Subject: [TS-850_450_690] Re: TS850S Memory Question

> Check Buxxcom also they used to cary them new and cheap.
> Roland AH6RR
>
>
>
>
>
> --- In TS-850_450_690@yahoogroups.com, "Dave ve3wej" <ve3wej@...> wrote:
> >
> > 6 pin din (same as commodore 64 disk drive cable) for the computer interface??
> >
> >
> >
> > check used shops, pawn shops...
> >
> > Dave Garber
> > VE3WEJ

> >
> >
> > ----- Original Message -----
> > From: aborg
> > To: TS-850_450_690@yahoogroups.com
> > Sent: Wednesday, July 22, 2009 11:03 AM
> > Subject: Re: [TS-850_450_690] TS850S Memory Question
> >
> >
> > Thank you. I just got this rig yesterday almost brand new. It even
smells new. Now to locate the the elusive 6 pin din plug.
> >
> > Thanks
> >
> > Mike-KK4MS
> >
> > a_borg@...
> >
> > --- On Wed, 7/22/09, Zack Widup <w9sz.zack@...> wrote:
> >
> > From: Zack Widup <w9sz.zack@...>
> > Subject: Re: [TS-850_450_690] TS850S Memory Question
> > To: TS-850_450_690@yahoogroups.com
> > Date: Wednesday, July 22, 2009, 10:54 AM
> >
> >
> >
> > Push the M>VFO key. That should do it.
> >
> > 73, Zack W9SZ
> >
> > On Wed, Jul 22, 2009 at 8:24 AM, a_borg <a_borg@yahoo. com> wrote:
> >
> > >
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> >
> > How do I get out of the memory channels and land on the current band
of the
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> > > memory channel. Example I'm on channel 02: frequency 7.195.00, I
want to
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> > > come out of the memory channel and stay on the frequency or band ?
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> > Thanks
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>
> THANKS FOR USING TS-850_450_690@...! Groups Links
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>

8157. Re: TS-850 SAT firmware

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-07-26 12:27:24 UTC
From: Joe
Topic: 5346 Message: 8157

I also have this Version, but dated 1990, anybody has a new version, its a 27C256 Eprom, should be saved...
73

--- In TS-850_450_690@yahoogroups.com, "holzschlapfen" <8ung@...> wrote:
>
> Hi
> Is it nessesary to upgrade my TS 850 SAT to the latest firmware as in
> my TS950SDX.
> Now I have in firmware JEZB, dated 1992, is there a later version?
> 73 Joe
>

8158. IF-232 Interface Alternative

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-07-27 18:57:04 UTC
From: a_borg
Topic: 8158 Message: 8158

I recently built an interface I found on the web that will not work with my TS850SAT. It will not pick-up the frequency. The interface is the Computer Interface for the TS-850, without using the IF-232 Level Converter by N6TR. Anyone tried any of the other interfaces that are advertised and do you have full functionality ?

Thanks

Mike

8159. Re: IF-232 Interface Alternative

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-07-27 20:21:44 UTC
From: dsh_0403
Topic: 8158 Message: 8159

--- In TS-850_450_690@yahoogroups.com, "a_borg" <a_borg@...> wrote:
>
> I recently built an interface I found on the web that will not work with my TS850SAT. It will not pick-up the frequency. The interface is the Computer Interface for the TS-850, without using the IF-232 Level Converter by N6TR. Anyone tried any of the other interfaces that are advertised and do you have full functionality ?
>
> Thanks
>
> Mike
>

I recently purchased a "lcu-3k" cable at
"http://www.hosenose.com/detail.asp?product_id=LCU-3K" or "http://tinyurl.com/kkk96q"

I use it on the computers serial port (RS-232) with "Ham Radio Deluxe and Digital Master, V4.0 SP4 Build 1901" and it does control the frequency very well. I have only had it a short time but I have found I can also change modes, VFOs, and lock the frequency. It also changes the filters, but not quite in the way that matches what it says it is doing since my filters are not exactly standard but perhaps the can be altered. I am still learning about the software.

8160. Re: [TS-850_450_690] Re: IF-232 Interface Alternative

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-07-27 21:11:53 UTC
From: aborg
Topic: 8158 Message: 8160

Exactly what I wanted to hear .

Thanks

Mike-KK4MS

a_borg@...

--- On Mon, 7/27/09, dsh_0403 <kenwoodts850@...> wrote:

From: dsh_0403 <kenwoodts850@...>
Subject: [TS-850_450_690] Re: IF-232 Interface Alternative
To: TS-850_450_690@yahoogroups.com
Date: Monday, July 27, 2009, 4:21 PM

--- In TS-850_450_690@ yahoogroups. com, "a_borg" <a_borg@...> wrote:

>

> I recently built an interface I found on the web that will not work with my TS850SAT. It will not pick-up the frequency. The interface is the Computer Interface for the TS-850, without using the IF-232 Level Converter by N6TR. Anyone tried any of the other interfaces that are advertised and do you have full functionality ?

>

> Thanks

>

> Mike

>

I recently purchased a "lcu-3k" cable at "http://www.hosenose .com/detail. asp?product_ id=LCU-3K" or "http://tinyurl. com/kkk96q"

I use it on the computers serial port (RS-232) with "Ham Radio Deluxe and Digital Master, V4.0 SP4 Build 1901" and it does control the frequency very well. I have only had it a short time but I have found I can also change modes, VFOs, and lock the frequency. It also changes the filters, but not quite in the way that matches what it says it is doing since my filters are not exactly standard but perhaps the can be altered. I am still learning about the software.

[Non-text portions of this message have been removed]

8161. Re: [TS-850_450_690] IF-232 Interface Alternative

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-07-28 00:12:15 UTC
From: Tom Osborne
Topic: 8158 Message: 8161

Hi Mike

It has been posted here before, but go to eBay and do a search for G4ZLP.
He makes a great interface, and the price is right. I have 3 of them here
(2 on TS-450SAT's and 1 on a Yaesu). Six days shipping from the U.K. 73
Tom W7WHY

>I recently built an interface I found on the web that will not work with my
>TS850SAT. It will not pick-up the frequency. The interface is the Computer
>Interface for the TS-850, without using the IF-232 Level Converter by N6TR.
>Anyone tried any of the other interfaces that are advertised and do you
>have full functionality ?
>
> Thanks
>
> Mike
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>
>

8162. Re: IF-232 Interface Alternative

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-07-28 03:41:12 UTC
From: dsh_0403
Topic: 8158 Message: 8162

Forgive me but I just had a terrible thought. Since you mention only that the ability to change frequency doesn't work, are you sure it is a problem with the interface and not the radio?

Does a nearby fellow ham or radio club member have an interface you can try for a day or two to be sure it is an interface problem before you invest in another interface?

--- In TS-850_450_690@yahoogroups.com, aborg <a_borg@...> wrote:
>
> Exactly what I wanted to hear .
>
> Thanks
>
> Mike-KK4MS
>
> a_borg@...
>
> --- On Mon, 7/27/09, dsh_0403 <kenwoodts850@...> wrote:
>
> From: dsh_0403 <kenwoodts850@...>
> Subject: [TS-850_450_690] Re: IF-232 Interface Alternative
> To: TS-850_450_690@yahoogroups.com
> Date: Monday, July 27, 2009, 4:21 PM
>
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>
> --- In TS-850_450_690@ yahoogroups. com, "a_borg" <a_borg@> wrote:
>
> >
>
> > I recently built an interface I found on the web that will not work with my TS850SAT. It will not pick-up the frequency. The interface is the Computer Interface for the TS-850, without using the IF-232 Level Converter by N6TR. Anyone tried any of the other interfaces that are advertised and do you have full functionality ?
>
> >

>
> > Thanks
>
> >
>
> > Mike
>
> >
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>
> I recently purchased a "lcu-3k" cable at "http://www.hosenose .com/detail. asp?product_ id=LCU-3K" or "http://tinyurl. com/kkk96q"
>
>
>
> I use it on the computers serial port (RS-232) with "Ham Radio Deluxe and Digital Master, V4.0 SP4 Build 1901" and it does control the frequency very well. I have only had it a short time but I have found I can also change modes, VFOs, and lock the frequency. It also changes the filters, but not quite in the way that matches what it says it is doing since my filters are not exactly standard but perhaps the can be altered. I am still learning about the software.
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> [Non-text portions of this message have been removed]
>

8163. Re: [TS-850_450_690] Re: IF-232 Interface Alternative

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-07-28 05:30:28 UTC
From: frank
Topic: 8158 Message: 8163

Hello Mike

Have You tried different Com port settings on the program that controlls the interface ?
I use a interface (homebuild) using a Max232 for level conversion and use the settings 4800,N,8,1 with DTR on and RTS on and I tried different setting before it worked Ok.
Works fine with most programs .

73
Frank

----- Original Message -----
From: aborg
To: TS-850_450_690@yahoogroups.com
Sent: Monday, July 27, 2009 11:11 PM
Subject: Re: [TS-850_450_690] Re: IF-232 Interface Alternative

Exactly what I wanted to hear .

Thanks

Mike-KK4MS

a_borg@...

--- On Mon, 7/27/09, dsh_0403 <kenwoodts850@...> wrote:

From: dsh_0403 <kenwoodts850@...>
Subject: [TS-850_450_690] Re: IF-232 Interface Alternative
To: TS-850_450_690@yahoogroups.com
Date: Monday, July 27, 2009, 4:21 PM

--- In TS-850_450_690@ yahoogroups. com, "a_borg" <a_borg@...> wrote:

>

> I recently built an interface I found on the web that will not work with my TS850SAT. It will not pick-up the frequency. The interface is the Computer Interface for the TS-850, without using the IF-232 Level Converter by N6TR. Anyone tried any of the other interfaces that are advertised and do you have full functionality ?

>

> Thanks

>

> Mike

>

I recently purchased a "lcu-3k" cable at "http://www.hosenose .com/detail. asp?product_ id=LCU-3K" or "http://tinyurl. com/kkk96q"

I use it on the computers serial port (RS-232) with "Ham Radio Deluxe and Digital Master, V4.0 SP4 Build 1901" and it does control the frequency very well. I have only had it a short time but I have found I can also change modes, VFOs, and lock the frequency. It also changes the filters, but not quite in the way that matches what it says it is doing since my filters are not exactly standard but perhaps the can be altered. I am still learning about the software.

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

8164. ACC2 and acc1

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-07-29 16:06:27 UTC
From: Jorge Enrique Knull
Topic: 8164 Message: 8164

Is there a way to see if those are working?
I cannot seem to make an interface to work, neither controlling my ts-450s nor make the interface tx (reception is ok).

73
Jorge - LU4YAO
===FE49hu===

[Non-text portions of this message have been removed]

8165. Re: [TS-850_450_690] ACC2 and acc1

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-07-29 19:51:09 UTC
From: Dave ve3wej
Topic: 8164 Message: 8165

I use 2 seperate interfaces, and have no problem with the 6 pin din acc socket for computer control using the original if232c, and then use the 13 pin din for ptt and audio receive and transmit...

----- Original Message -----
From: Jorge Enrique Knull
To: TS-850_450_690@yahoogroups.com
Sent: Wednesday, July 29, 2009 12:06 PM
Subject: [TS-850_450_690] ACC2 and acc1

Is there a way to see if those are working?
I cannot seem to make an interface to work, neither controlling my ts-450s nor make the interface tx (reception is ok).

73
Jorge - LU4YAO
===FE49hu===

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

8166. Re: ACC2 and acc1

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-07-29 22:08:15 UTC
From: Richard Ferch
Topic: 8164 Message: 8166

Do you have your computer software configured with RTS "Always on"? This is necessary with many interface/software combinations.

73,
Rich VE3KI

--- In TS-850_450_690@yahoogroups.com, "Jorge Enrique Knull" <jeknull@...> wrote:
>
> Is there a way to see if those are working?
> I cannot seem to make an interface to work, neither controlling my ts-450s nor make the interface tx (reception is ok).
>
>
> 73
> Jorge - LU4YAO
> ===FE49hu===
>
> [Non-text portions of this message have been removed]
>

8167. TS-950SD Production year/s???

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-07-31 11:45:24 UTC
From: corrinedewhurst
Topic: 8167 Message: 8167

Hi people,when were the TS-950SD range of HF radios produced?
Can't find anything on the web relating to when they came onto
the market & how long they were made for.
I can only presume they were in production 1988-1992?? by their appearance at a wild guess.
Mine is serial number 10590966 if anybody has an idea when it could of been produced then I would be very gratefull,cheers in advance,Shaun :O)

8168. Using two TS-850 master slave

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-07-31 06:58:19 UTC
From: fintlewoodlewick
Topic: 8168 Message: 8168

Hi
I was intrigued by the mention in the owners manual that you can connect up two TS-850 transceivers as master/slave. Has anyone ever done this and if so does this give you the equivalent of a dual RX transceiver ?
I'd be grateful for your experience as I am ianterested in going dual RX but don't want to sacrifice the excelletn 850.

73
Tony G3ZRJ

8169. Re: TS-950SD Production year/s???

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-07-31 15:46:19 UTC
From: Clif
Topic: 8167 Message: 8169

I can't tell you the stop but I can the start. In the middle of November 1989 I was at a Kenwood Service Seminar in Ca. We got to see and play with the first one. They had an unstated quantity in the warehouse that they were in the process of 100% QC'ing, with shipping to dealer to start the following week.

Clif

--- In TS-850_450_690@yahoogroups.com, "corrinedewhurst" <corrinedewhurst@...> wrote:
>
> Hi people,when were the TS-950SD range of HF radios produced?
> Can't find anything on the web relating to when they came onto
> the market & how long they were made for.
> I can only presume they were in production 1988-1992?? by their appearance at a wild guess.
> Mine is serial number 10590966 if anybody has an idea when it could of been produced then I would be very gratefull,cheers in advance,Shaun :O)
>

8170. Re: [TS-850_450_690] Using two TS-850 master slave

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-07-31 17:04:09 UTC
From: James Christiansen
Topic: 8168 Message: 8170

I saw that in the maunal too, but did not know what the benifit was for doing this. I hope some of the experts answer this question

Mike, N4GW

From: fintlewoodlewick <g3zrj.morsekey@btinternet.com>
To: TS-850_450_690@yahoogroups.com
Sent: Friday, July 31, 2009 2:58:19 AM
Subject: [TS-850_450_690] Using two TS-850 master slave

Hi
I was intrigued by the mention in the owners manual that you can connect up two TS-850 transceivers as master/slave. Has anyone ever done this and if so does this give you the equivalent of a dual RX transceiver ?
I'd be grateful for your experience as I am ianterested in going dual RX but don't want to sacrifice the excelletn 850.

73
Tony G3ZRJ

[Non-text portions of this message have been removed]

8172. Re: TS-950SD Production year/s???

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-07-31 18:48:10 UTC
From: corrinedewhurst
Topic: 8167 Message: 8172

Hi Clif,very usefull firsthand information there,ohwell we have solved the first half of the TS-950SD mystery,just need to know when they ended production & what date the serial number 10590966
is on mine,regards,Shaun :O)

--- In TS-850_450_690@yahoogroups.com, "Clif" <clif@...> wrote:
>
> I can't tell you the stop but I can the start. In the middle of November 1989 I was at a Kenwood Service Seminar in Ca. We got to see and play with the first one. They had an unstated quantity in the warehouse that they were in the process of 100% QC'ing, with shipping to dealer to start the following week.
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "corrinedewhurst" <corrinedewhurst@> wrote:
> >
> > Hi people,when were the TS-950SD range of HF radios produced?
> > Can't find anything on the web relating to when they came onto
> > the market & how long they were made for.
> > I can only presume they were in production 1988-1992?? by their appearance at a wild guess.
> > Mine is serial number 10590966 if anybody has an idea when it could of been produced then I would be very gratefull,cheers in advance,Shaun :O)
> >
>

8173. Re: TS-950SD Production year/s???

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-07-31 22:09:17 UTC
From: Clif
Topic: 8167 Message: 8173

Kenwood has always been very good about service manuals being in the hands of dealer when a new radio arrives. The service manual on the 950SDX is dated 3/92. So that's very close to when the SDX came out and of course the SD production was stopped before that...

Clif

--- In TS-850_450_690@yahoogroups.com, "corrinedewhurst" <corrinedewhurst@...> wrote:
>
> Hi Clif,very usefull firsthand information there,ohwell we have solved the first half of the TS-950SD mystery,just need to know when they ended production & what date the serial number 10590966
> is on mine,regards,Shaun :O)
>
>
>
> --- In TS-850_450_690@yahoogroups.com, "Clif" <clif@> wrote:
> >
> > I can't tell you the stop but I can the start. In the middle of November 1989 I was at a Kenwood Service Seminar in Ca. We got to see and play with the first one. They had an unstated quantity in the warehouse that they were in the process of 100% QC'ing, with shipping to dealer to start the following week.
> >
> > Clif
> >
> > --- In TS-850_450_690@yahoogroups.com, "corrinedewhurst" <corrinedewhurst@> wrote:
> > >
> > > Hi people,when were the TS-950SD range of HF radios produced?
> > > Can't find anything on the web relating to when they came onto
> > > the market & how long they were made for.
> > > I can only presume they were in production 1988-1992?? by their appearance at a wild guess.
> > > Mine is serial number 10590966 if anybody has an idea when it could of been produced then I would be very gratefull,cheers in advance,Shaun :O)
> > >
> >
>

8174. TS-450SAT problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-07-31 22:43:16 UTC
From: Tom Osborne
Topic: 3583 Message: 8174

The antenna tuner in my '450 just quit. It worked, then it didn't any more.

Set it up to work manual, and nothing happens when I turn the VFO dial or the VFO/CH knob. Just stays the same. Changed all the settings on CAR and PWR knobs to no avail. Popped the top and checked the coax and other plugs and all seems OK.

The tuning motors don't do a thing. Any ideas? Thanks and 73
Tom W7WHY

8175. Re: TS-950SD Production year/s???

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-07-31 23:34:41 UTC
From: corrinedewhurst
Topic: 8167 Message: 8175

Hi Clif,& thankyou for answering my questions so promptly :o).
So we can ascertain that the TS-950SD was in production between 89-92,just odd that the information regarding production dates of this classic transceiver is not very forthcoming on the web,so I wonder in what year my TS-950 with serial number 10590966 was manufactured? Anybody have any idea? Shaun :O)

--- In TS-850_450_690@yahoogroups.com, "Clif" <clif@...> wrote:
>
> Kenwood has always been very good about service manuals being in the hands of dealer when a new radio arrives. The service manual on the 950SDX is dated 3/92. So that's very close to when the SDX came out and of course the SD production was stopped before that...
>
> Clif
>
>
> --- In TS-850_450_690@yahoogroups.com, "corrinedewhurst" <corrinedewhurst@> wrote:
> >
> > Hi Clif,very usefull firsthand information there,ohwell we have solved the first half of the TS-950SD mystery,just need to know when they ended production & what date the serial number 10590966
> > is on mine,regards,Shaun :O)
> >
> >
> >
> > --- In TS-850_450_690@yahoogroups.com, "Clif" <clif@> wrote:
> > >
> > > I can't tell you the stop but I can the start. In the middle of November 1989 I was at a Kenwood Service Seminar in Ca. We got to see and play with the first one. They had an unstated quantity in the warehouse that they were in the process of 100% QC'ing, with shipping to dealer to start the following week.
> > >
> > > Clif
> > >
> > > --- In TS-850_450_690@yahoogroups.com, "corrinedewhurst" <corrinedewhurst@> wrote:
> > > >
> > > > Hi people,when were the TS-950SD range of HF radios produced?
> > > > Can't find anything on the web relating to when they came onto
> > > > the market & how long they were made for.
> > > > I can only presume they were in production 1988-1992?? by their appearance at a wild guess.
> > > > Mine is serial number 10590966 if anybody has an idea when it could of been produced then I would be very gratefull,cheers in advance,Shaun :O)
> > > >
> > >
> > >

>

8176. Re: [TS-850_450_690] Using two TS-850 master slave

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-07-31 23:34:42 UTC
From: Dave ve3wej
Topic: 8168 Message: 8176

i thought it was just for cloning the memories and settings, guess I will have to read it again

----- Original Message -----
From: James Christiansen
To: TS-850_450_690@yahoogroups.com
Sent: Friday, July 31, 2009 1:04 PM
Subject: Re: [TS-850_450_690] Using two TS-850 master slave

I saw that in the maunal too, but did not know what the benifit was for doing this. I hope some of the experts answer this question

Mike, N4GW

From: fintlewoodlewick <g3zrj.morsekey@...>
To: TS-850_450_690@yahoogroups.com
Sent: Friday, July 31, 2009 2:58:19 AM
Subject: [TS-850_450_690] Using two TS-850 master slave

Hi
I was intrigued by the mention in the owners manual that you can connect up two TS-850 transceivers as master/slave. Has anyone ever done this and if so does this give you the equivalent of a dual RX transceiver ?
I'd be grateful for your experience as I am ianterested in going dual RX but don't want to sacrifice the excelletn 850.

73
Tony G3ZRJ

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

8177. Re: [TS-850_450_690] TS-450SAT problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-07-31 23:35:35 UTC
From: Dave ve3wej
Topic: 3583 Message: 8177

is it like the 850, tuner has to be set with thru/auto, before tuner will function

----- Original Message -----
From: Tom Osborne
To: TS-850_450_690@yahoogroups.com
Sent: Friday, July 31, 2009 6:43 PM
Subject: [TS-850_450_690] TS-450SAT problem

The antenna tuner in my '450 just quit. It worked, then it didn't any
more.

Set it up to work manual, and nothing happens when I turn the VFO dial or
the VFO/CH knob. Just stays the same. Changed all the settings on CAR and
PWR knobs to no avail. Popped the top and checked the coax and other plugs
and all seems OK.

The tuning motors don't do a thing. Any ideas? Thanks and 73
Tom W7WHY

[Non-text portions of this message have been removed]

8178. Re: [TS-850_450_690] TS-450SAT problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-08-01 01:18:14 UTC
From: Tom Osborne
Topic: 3583 Message: 8178

Hi Dave

There's no function like that in the '450. In the menu, you set the tuner for either 'auto' or 'manual'. I tried it both ways. It's been working fine for about 3 years, and just decided to quit. 73 and thanks.
Tom W7WHY

> is it like the 850, tuner has to be set with thru/auto, before tuner will
> function
>
W7WHY wrote:
>
> The antenna tuner in my '450 just quit. It worked, then it didn't any
> more.
>
> Set it up to work manual, and nothing happens when I turn the VFO dial or
> the VFO/CH knob. Just stays the same. Changed all the settings on CAR and
> PWR knobs to no avail. Popped the top and checked the coax and other
> plugs
> and all seems OK.
>
> The tuning motors don't do a thing. Any ideas? Thanks and 73
> Tom W7WHY

8179. Re: [TS-850_450_690] TS-450SAT problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-08-01 02:10:53 UTC
From: Crownhaven
Topic: 3583 Message: 8179

I have a TS-450S and there IS a thru/auto setting if that is what we are debating.

Steve, N4JQQ

Tom Osborne wrote:
>
>
>
> Hi Dave
>
> There's no function like that in the '450. In the menu, you set the tuner
> for either 'auto' or 'manual'. I tried it both ways. It's been working
> fine
> for about 3 years, and just decided to quit. 73 and thanks.
> Tom W7WHY
>
> > is it like the 850, tuner has to be set with thru/auto, before tuner
> will
> > function
> >
> W7WHY wrote:
> >
> > The antenna tuner in my '450 just quit. It worked, then it didn't any
> > more.
> >
> > Set it up to work manual, and nothing happens when I turn the VFO
> dial or
> > the VFO/CH knob. Just stays the same. Changed all the settings on
> CAR and
> > PWR knobs to no avail. Popped the top and checked the coax and other
> > plugs
> > and all seems OK.
> >
> > The tuning motors don't do a thing. Any ideas? Thanks and 73
> > Tom W7WHY
>
>

8180. Re: TS-450SAT problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-08-01 16:12:56 UTC
From: Clif
Topic: 3583 Message: 8180

Before it "just quit" had you been in the menus? Specifically the one where you set the filters available? If so did you turn on #1? That tells the radio you have an AT300 (external tuner) connected and at the same time it disables the internal tuner.

Clif

--- In TS-850_450_690@yahoogroups.com, "Tom Osborne" <w7why@...> wrote:
>
> The antenna tuner in my '450 just quit. It worked, then it didn't any
> more.
>
> Set it up to work manual, and nothing happens when I turn the VFO dial or
> the VFO/CH knob. Just stays the same. Changed all the settings on CAR and
> PWR knobs to no avail. Popped the top and checked the coax and other plugs
> and all seems OK.
>
> The tuning motors don't do a thing. Any ideas? Thanks and 73
> Tom W7WHY
>

8181. Re: [TS-850_450_690] Re: TS-450SAT problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-08-01 16:40:45 UTC
From: Tom Osborne
Topic: 3583 Message: 8181

Hi Clif

No, #1 was still set to 'off'. I turned it on then back off again, but still the same.

Sometimes when I hit the 'Auto' and 'AT Tune' buttons, it doesn't even key the radio. Then when I hit it again, the radio keys, but the tuner does nothing--the SWR stays way up. Thanks
Tom W7WHY

>
> Before it "just quit" had you been in the menus? Specifically the one
> where you set the filters available? If so did you turn on #1? That tells
> the radio you have an AT300 (external tuner) connected and at the same
> time it disables the internal tuner.
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "Tom Osborne" <w7why@...> wrote:
>>
>> The antenna tuner in my '450 just quit. It worked, then it didn't any
>> more.
>>
>> Set it up to work manual, and nothing happens when I turn the VFO dial or
>> the VFO/CH knob. Just stays the same. Changed all the settings on CAR
>> and
>> PWR knobs to no avail. Popped the top and checked the coax and other
>> plugs
>> and all seems OK.
>>
>> The tuning motors don't do a thing. Any ideas? Thanks and 73
>> Tom W7WHY

8182. TS-950SD Serial number

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-08-01 19:03:26 UTC
From: corrinedewhurst
Topic: 8182 Message: 8182

Hi people :O) me & Clif have ascertained that the TS-950SD was in production between 1989-1992,but can anyone put a date on my TS-950SD
serial number 10590966 ?? Regards,Shaun :O)

8183. TS850SAT Filters Comments

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-08-03 01:31:05 UTC
From: a_borg
Topic: 8183 Message: 8183

I have read the posts here regarding the 850 filters and nothing really definitive for me. My question is, do the filters really make that much of a diffrence? I'm using a Timewave 59+ dsp and I think it's quit effective. I wish that there was an 850S user that had the 59+ also that could give comments using the 59+ versuses the add on filters.

I don't really want to waste money if there's no definitive difference. All opinions wlecome .

Thanks

Mike-KK4MS

8184. Re: [TS-850_450_690] TS850SAT Filters Comments

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-08-03 01:38:44 UTC
From: WW3S
Topic: 8183 Message: 8184

the 59+ (which I have) is a AF DSP unit....the filters are in the IF....world of difference....if you are interested in CW get the 400 hz filters, one for each IF....I use INRAD, and I had the 1.8 for SSB, but found it a little too narrow for me....

On 8/2/2009 9:31:05 PM, a_borg (a_borg@...) wrote:
> I have read the posts here regarding the 850 filters and nothing really
> definitive for me. My question is, do the filters really make that much of
> a diffrence? I'm using a Timewave 59+ dsp and I think it's quit effective.
> I wish that there was an 850S user that had the 59+ also that could give
> comments using the 59+ versuses the add on filters.
>
> I don't really want to waste money if there's no definitive difference.
> All opinions wlecome .
>
> Thanks
>
> Mike-KK4MS
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>

8185. Re: [TS-850_450_690] TS850SAT Filters Comments

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-08-03 02:33:24 UTC
From: aborg
Topic: 8183 Message: 8185

Yeah there's a difference between IF and AF DSP , but I really don't think it's that definitive.
Thanks

Mike-KK4MS

a_borg@...

--- On Sun, 8/2/09, WW3S <ww3s@...> wrote:

From: WW3S <ww3s@...>
Subject: Re: [TS-850_450_690] TS850SAT Filters Comments
To: ts-850_450_690@yahoogroups.com
Date: Sunday, August 2, 2009, 9:38 PM

the 59+ (which I have) is a AF DSP unit....the filters are in the

IF....world of difference.. ..if you are interested in CW get the 400 hz

filters, one for each IF....I use INRAD, and I had the 1.8 for SSB, but

found it a little too narrow for me....

On 8/2/2009 9:31:05 PM, a_borg (a_borg@yahoo. com) wrote:

> I have read the posts here regarding the 850 filters and nothing really

> definitive for me. My question is, do the filters really make that much of

> a diffrence? I'm using a Timewave 59+ dsp and I think it's quit effective.

> I wish that there was an 850S user that had the 59+ also that could give

> comments using the 59+ versuses the add on filters.

>

> I don't really want to waste money if there's no definitive difference.

> All opinions wlecome .

>

> Thanks

>

> Mike-KK4MS

>

>

>

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>

> THANKS FOR USING TS-850_450_690@ YAHOOGROUPS. COMYahoo! Groups Links

>

>

>

[Non-text portions of this message have been removed]

8186. Re: TS850SAT Filters Comments

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-08-03 04:41:44 UTC
From: ve3tmt
Topic: 8183 Message: 8186

--- In TS-850_450_690@yahoogroups.com, aborg <a_borg@...> wrote:
>
> Yeah there's a difference between IF and AF DSP , but I really don't think it's that definitive.
> Thanks
>
> Mike-KK4MS

Mike,

I've used both and trust me you want the filters.

Max
VE3TMT

8187. Re: [TS-850_450_690] TS850SAT Filters Comments

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-08-03 12:50:40 UTC
From: James Christiansen
Topic: 8183 Message: 8187

I use a Clearspeech external DSP unit, which is also an AF DSP. Works well at getting rid of the noise. I have both the 2.1 and the 1.8 filters and they help iin crowded band situations, but I agree, the 1.8 is a little narrow for extended listening

Mike, N4GW

From: WW3S <ww3s@...>
To: ts-850_450_690@yahoogroups.com
Sent: Sunday, August 2, 2009 9:38:44 PM
Subject: Re: [TS-850_450_690] TS850SAT Filters Comments

the 59+ (which I have) is a AF DSP unit....the filters are in the IF....world of difference.. ..if you are interested in CW get the 400 hz filters, one for each IF....I use INRAD, and I had the 1.8 for SSB, but found it a little too narrow for me....

On 8/2/2009 9:31:05 PM, a_borg (a_borg@yahoo. com) wrote:
> I have read the posts here regarding the 850 filters and nothing really
> definitive for me. My question is, do the filters really make that much of
> a diffrence? I'm using a Timewave 59+ dsp and I think it's quit effective.
> I wish that there was an 850S user that had the 59+ also that could give
> comments using the 59+ versuses the add on filters.
>
> I don't really want to waste money if there's no definitive difference.
> All opinions wlecome .
>
> Thanks
>
> Mike-KK4MS
>
>
>
> ------------ --------- --------- ------
>
> THANKS FOR USING TS-850_450_690@ YAHOOGROUPS. COMYahoo! Groups Links
>
>
>

[Non-text portions of this message have been removed]

8188. Re: [TS-850_450_690] TS850SAT Filters Comments

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-08-03 11:38:16 UTC
From: Dennis
Topic: 8183 Message: 8188

It probably depends on your ear and what you want to do. For CW a 500 or 400 hz filter, depending on your preference, would probably be best. For SSB, if you want to contest, and don't care if everyone sounds like they are talking into a tin can and a string, get a 2.1 or 1.8 filter. If you use the rig for general communications, forget the filter and use the slope tune. Personally, I use the slope tune because when I talk with someone I prefer to hear his natural voice instead of a voice that sounds like it is coming from a robot.
Dennis W8YS
----- Original Message -----
From: a_borg
To: TS-850_450_690@yahoogroups.com
Sent: Sunday, August 02, 2009 9:31 PM
Subject: [TS-850_450_690] TS850SAT Filters Comments

I have read the posts here regarding the 850 filters and nothing really definitive for me. My question is, do the filters really make that much of a diffrence? I'm using a Timewave 59+ dsp and I think it's quit effective. I wish that there was an 850S user that had the 59+ also that could give comments using the 59+ versuses the add on filters.

I don't really want to waste money if there's no definitive difference. All opinions wlecome .

Thanks

Mike-KK4MS

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 8.5.392 / Virus Database: 270.13.42/2278 - Release Date: 08/02/09 17:56:00

[Non-text portions of this message have been removed]

8189. Re: [TS-850_450_690] TS850SAT Filters Comments

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-08-03 14:19:18 UTC
From: aborg
Topic: 8183 Message: 8189

Dennis,

  Your response is probably where I fall at. The slope tuning seems to work fine. I'm sure the IF filters are more effective, but I like to hear and examine other opinions also. Thanks to all the guys that commented. I greatly appreciate all the comments and tid bits.

Mike-KK4MS

a_borg@yahoo.com

--- On Mon, 8/3/09, Dennis <dennyb7@...> wrote:

From: Dennis <dennyb7@...>
Subject: Re: [TS-850_450_690] TS850SAT Filters Comments
To: TS-850_450_690@yahoogroups.com
Date: Monday, August 3, 2009, 7:38 AM

It probably depends on your ear and what you want to do. For CW a 500 or 400 hz filter, depending on your preference, would probably be best. For SSB, if you want to contest, and don't care if everyone sounds like they are talking into a tin can and a string, get a 2.1 or 1.8 filter. If you use the rig for general communications, forget the filter and use the slope tune. Personally, I use the slope tune because when I talk with someone I prefer to hear his natural voice instead of a voice that sounds like it is coming from a robot.
Dennis W8YS

----- Original Message -----

From: a_borg

To: TS-850_450_690@ yahoogroups. com

Sent: Sunday, August 02, 2009 9:31 PM

Subject: [TS-850_450_ 690] TS850SAT Filters Comments

I have read the posts here regarding the 850 filters and nothing really definitive for me. My question is, do the filters really make that much of a diffrence? I'm using a Timewave 59+ dsp and I think it's quit effective. I wish that there was an 850S user that had the 59+ also that could give comments using the 59+ versuses the add on filters.

I don't really want to waste money if there's no definitive difference. All opinions wlecome .

Thanks

Mike-KK4MS

------------ --------- --------- --------- --------- --------- -

No virus found in this incoming message.

Checked by AVG - www.avg.com

Version: 8.5.392 / Virus Database: 270.13.42/2278 - Release Date: 08/02/09 17:56:00

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

8190. Re: [TS-850_450_690] TS850SAT Filters Comments

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-08-03 16:16:48 UTC
From: Crownhaven
Topic: 8183 Message: 8190

I like two 400 or 500 Hz filters for CW. The 250 or 270 is too narrow for me. Depends on what your operating practices are. I do like the 1.8 SSB filter and I use it mostly to tune for CW signals. I have not tried the 2.1 filter. I have Kenwood filters in one radio and INRAD in another.

I think Dennis is right on the money when he tells you that the slope tuning works for general communications. However, if you are a CW op, I think you will want the filters.

Steve, N4JQQ

Dennis wrote:
>
>
> It probably depends on your ear and what you want to do. For CW a 500
> or 400 hz filter, depending on your preference, would probably be
> best. For SSB, if you want to contest, and don't care if everyone
> sounds like they are talking into a tin can and a string, get a 2.1 or
> 1.8 filter. If you use the rig for general communications, forget the
> filter and use the slope tune. Personally, I use the slope tune
> because when I talk with someone I prefer to hear his natural voice
> instead of a voice that sounds like it is coming from a robot. Dennis W8YS
> ----- Original Message -----
> From: a_borg
> To: TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>
> Sent: Sunday, August 02, 2009 9:31 PM
> Subject: [TS-850_450_690] TS850SAT Filters Comments
>
> I have read the posts here regarding the 850 filters and nothing
> really definitive for me. My question is, do the filters really make
> that much of a diffrence? I'm using a Timewave 59+ dsp and I think
> it's quit effective. I wish that there was an 850S user that had the
> 59+ also that could give comments using the 59+ versuses the add on
> filters.
>
> I don't really want to waste money if there's no definitive
> difference. All opinions wlecome .
>
> Thanks
>
> Mike-KK4MS
>
> --
>

> No virus found in this incoming message.
> Checked by AVG - www.avg.com
> Version: 8.5.392 / Virus Database: 270.13.42/2278 - Release Date:
> 08/02/09 17:56:00
>
> [Non-text portions of this message have been removed]
>
>

8191. Re: TS850SAT Filters Comments

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-08-03 17:14:45 UTC
From: Roland Spoon
Topic: 8183 Message: 8191

Ok here goes, External DSP Filters are OK but do not stop strong signals that are up or down the band that can block a weak signal you want to work that is where the IF filters come in. The first filter you should buy is the Inrad Roofing filter even if you do not buy another filter the Roofing filter is a must. It prevents very strong signals from causing intermod distortion in the front end (that scratching sound that blocks a weak signal you are trying to work even with the DSP in). Then if you are so inclined add the other filters I personaly run the Inrad 2.1KHz in both IF's for SSB. With this combo of filters I can work a S1-2 signal 3 KHz from a S9++ and not get a scratch. Try that with a DSP alone and it will never happen. If you work DX,contests or emergency comms Filters are a must have but if you just ragchew then you wont need them as long as the have a S6 or better signal. Of course the addition of filters make the radio worth more :=)
73,
Roland AH6RR

--- In TS-850_450_690@yahoogroups.com, Crownhaven <crownhaven@...> wrote:
>
> I like two 400 or 500 Hz filters for CW. The 250 or 270 is too narrow
> for me. Depends on what your operating practices are. I do like the
> 1.8 SSB filter and I use it mostly to tune for CW signals. I have not
> tried the 2.1 filter. I have Kenwood filters in one radio and INRAD in
> another.
>
> I think Dennis is right on the money when he tells you that the slope
> tuning works for general communications. However, if you are a CW op, I
> think you will want the filters.
>
> Steve, N4JQQ
>
> Dennis wrote:
> >
> >
> > It probably depends on your ear and what you want to do. For CW a 500
> > or 400 hz filter, depending on your preference, would probably be
> > best. For SSB, if you want to contest, and don't care if everyone
> > sounds like they are talking into a tin can and a string, get a 2.1 or
> > 1.8 filter. If you use the rig for general communications, forget the
> > filter and use the slope tune. Personally, I use the slope tune
> > because when I talk with someone I prefer to hear his natural voice
> > instead of a voice that sounds like it is coming from a robot. Dennis W8YS
> > ----- Original Message -----
> > From: a_borg
> > To: TS-850_450_690@yahoogroups.com
> > <mailto:TS-850_450_690%40yahoogroups.com>
> > Sent: Sunday, August 02, 2009 9:31 PM
> > Subject: [TS-850_450_690] TS850SAT Filters Comments

> >
> > I have read the posts here regarding the 850 filters and nothing
> > really definitive for me. My question is, do the filters really make
> > that much of a diffrence? I'm using a Timewave 59+ dsp and I think
> > it's quit effective. I wish that there was an 850S user that had the
> > 59+ also that could give comments using the 59+ versuses the add on
> > filters.
> >
> > I don't really want to waste money if there's no definitive
> > difference. All opinions wlecome .
> >
> > Thanks
> >
> > Mike-KK4MS
> >
> > ---
> >
> > No virus found in this incoming message.
> > Checked by AVG - www.avg.com
> > Version: 8.5.392 / Virus Database: 270.13.42/2278 - Release Date:
> > 08/02/09 17:56:00
> >
> > [Non-text portions of this message have been removed]
> >
> >
>

8192. Re: TS850SAT Filters Comments

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-08-04 01:07:17 UTC
From: Bryan
Topic: 8183 Message: 8192

Hi Mike,

I'm a relatively new owner of a TS850SAT that has the optional 1.8KHz SSB & 250Hz CW filters. I've never owned an outboard AF filter of any type. While such a device isn't a bad thing, none of them are inside the AGC loop.

This means that any interfering signal inside the IF passband that is stronger than the desired signal will cause the receiver to desense. The greater the difference in signal levels, the greater the desensing. AF filters will be most effective when the interfering signal is no stronger than the desired signal.

vy 73 es gud dx,
Bryan WA7PRC

Mike-KK4MS wrote:
>
> I have read the posts here regarding the 850 filters
> and nothing really definitive for me. My question is,
> do the filters really make that much of a diffrence?
> I'm using a Timewave 59+ dsp and I think it's quite
> effective. I wish that there was an 850S user that had
> the 59+ also that could give comments using the 59+
> versuses the add on filters.
>
> I don't really want to waste money if there's no
definitive difference. All opinions welcome .
>
> Thanks
>
> Mike-KK4MS

8193. Re: TS-450SAT problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-08-04 02:14:40 UTC
From: Marc Tessier
Topic: 3583 Message: 8193

Oh boy this is just awesome stuff, I had reset my 690 receintly and had also lost use of my AT unit, this menu item is found in the menu when you press the enter key and power on your rig, thank you Cliff for clueing me in to this menu item I was pulling my hair out trying to find it...

73 and gud dx
Marc Tessier
ve3tes@...

--- In TS-850_450_690@yahoogroups.com, "Clif" <clif@...> wrote:
>
>
> Before it "just quit" had you been in the menus? Specifically the one where you set the filters available? If so did you turn on #1? That tells the radio you have an AT300 (external tuner) connected and at the same time it disables the internal tuner.
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "Tom Osborne" <w7why@> wrote:
> >
> > The antenna tuner in my '450 just quit. It worked, then it didn't any
> > more.
> >
> > Set it up to work manual, and nothing happens when I turn the VFO dial or
> > the VFO/CH knob. Just stays the same. Changed all the settings on CAR and
> > PWR knobs to no avail. Popped the top and checked the coax and other plugs
> > and all seems OK.
> >
> > The tuning motors don't do a thing. Any ideas? Thanks and 73
> > Tom W7WHY
> >
>

8194. TS-850 - problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-08-04 17:24:50 UTC
From: iz1mkz enrico
Topic: 8194 Message: 8194

Hi,
I just had a QSO on 7 MHz and everything was normal.
Switched to 14 MHz and could not resolve the stations - audio sounded like the wrong sideband.
Switched USB/LSB several times, no change.
Went to 7 MHz, everything fine.
Returned to 14 MHz and no audio - just the AF amplifier hum.
Same on every other band.
The receiver works on AM and FM, however. On SSB, it's dead.
The S-meter bar deflects normally indicating that the first stages are doing their job, but no audio.
On transmission, both the radio's wattmeter and my external tuner's meter deflect regularly. Did not check the transmitted audio quality.
Any idea out there?
Thanks!

Enrico iz1mkz

8195. TS-850S(AT) for sale

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-08-04 22:57:09 UTC
From: kremper4-850@yahoo.com
Topic: 8195 Message: 8195

I've decided to make some room in the radio shack, so one of my '850s is going:

FOR SALE: Kenwood TS-850S(AT) transceiver (S/N 21200904), excellent condition; low operating hours. Carrier-board capacitors replaced by AVVid. Rig equipped with built-in antenna tuner; Kenwood YG-88SN-1, and optional CW narrow YK-455CN-1 and YK-88CN-1 filters. The rig incorporates several modifications known to benefit its operation: 1) An added CW key jack to accept an external key or keyer; 2) Noise Blanker mod; 3) Extended frequency coverage; and 4) CW MONI adjustable from the front panel; 5) CMOS battery relocated; 6) Added jacks to accept an external receiver and transverter. Kenwood PS-52 Power Supply (S/N 21100212). Manuals included: TS-850S Instruction Manual; TS-850 Series External Control Instruction Manual; PS-31/PS-52 Instruction Manual. Original double shipping boxes. As package only, $875 plus shipping and insurance. USPS money order or cashier’s check.

73,

N1FB

[Non-text portions of this message have been removed]

8196. Where and how to look for a Kenbwood DSP 100 at reasonable price

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-08-13 13:18:44 UTC
From: James Puah
Topic: 8196 Message: 8196

Dear all,

I am new to this group. I am a recently licensed HAM and have acquired a NOS Kenwood TS 450 SAT. I am now looking for a DSP 100 to hook up to the HF rig but am starting to learn that this is a relatively difficult to find item. Does anyone know or have any which you like to part at reasonable price or is there anyway one can construct a similar piece using currently available parts?

Many thanks and best regards

James Puah

9V1JP

[Non-text portions of this message have been removed]

8197. Re: [TS-850_450_690] Where and how to look for a Kenbwood DSP 100 at reasonable price

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-08-13 13:56:04 UTC
From: parkjv1@comcast.net
Topic: 8196 Message: 8197

James,

I'll give you my .02 worth of experience. The DSP-100 is pretty rare. In that individuals who use them tend to keep them for a very long time. I don't know what you personally think a reasonable price is. That is usually different for each individual. Since they are hard to come by, they usually command a fairly high price.

I bought mine on e-bay some time ago. It didn't have any of the cables, etc. I acquired those later, which are hard to find as well. I paid $600.00 if I recall as a buy it now option. I just sold mine to a fellow in Ireland for $650.00

I have seen them as high as $750.00. Just make sure they have the cables, etc. It took me about 4 years to find one. There were other units that were available at the time I was searching but I didn't have the money.

I don't know anything about building one and if you have those skills, parts, etc. then I would say go for it.

But I suggest you save your nickels and dimes and eventually one will come your way.

These units are older technology, there is nothing wrong with that. But, from my perspective, I had a shack full of older stuff that I had always said I will get around to fixing that some day. It never came. Time, money, job, etc. all played a part. For me, I plan on obtaining a K-3 that has built in DSP and an L-Pan adaptor which gives you a nice visual display of the freq spectrum.

Best of luck in your search!

73,

John KD7KFT

----- Original Message -----
From: "James Puah" <EKTPUAH@...>
To: "TS-850 450 690" <TS-850_450_690@yahoogroups.com>
Sent: Thursday, August 13, 2009 6:18:44 AM GMT -08:00 US/Canada Pacific
Subject: [TS-850_450_690] Where and how to look for a Kenbwood DSP 100 at reasonable price

Dear all,

I am new to this group. I am a recently licensed HAM and have acquired a
NOS Kenwood TS 450 SAT. I am now looking for a DSP 100 to hook up to the HF
rig but am starting to learn that this is a relatively difficult to find
item. Does anyone know or have any which you like to part at reasonable
price or is there anyway one can construct a similar piece using currently
available parts?

Many thanks and best regards

James Puah

9V1JP

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

8198. Re: [TS-850_450_690] Where and how to look for a Kenbwood DSP 100 at reasonable price

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-08-13 14:01:26 UTC
From: James Christiansen
Topic: 8196 Message: 8198

Hi James,

Good luck finding one. They are very rare and those that have them don't want to sell them. I have seen them sell for between $600-$900. More than the rig costs. I hope you find one

Mike, N4GW

From: James Puah <EKTPUAH@...>
To: TS-850_450_690@yahoogroups.com
Sent: Thursday, August 13, 2009 9:18:44 AM
Subject: [TS-850_450_690] Where and how to look for a Kenbwood DSP 100 at reasonable price

Dear all,

I am new to this group. I am a recently licensed HAM and have acquired a NOS Kenwood TS 450 SAT. I am now looking for a DSP 100 to hook up to the HF rig but am starting to learn that this is a relatively difficult to find item. Does anyone know or have any which you like to part at reasonable price or is there anyway one can construct a similar piece using currently available parts?

Many thanks and best regards

James Puah

9V1JP

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

8199. Re: Where and how to look for a Kenbwood DSP 100 at reasonable price

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-08-13 17:18:48 UTC
From: corrinedewhurst
Topic: 8196 Message: 8199

Hi James,one here for sale on e bay,expect the loon price brigade to pay over the odds for it though.

http://cgi.ebay.co.uk/ws/eBayISAPI.dll?ViewItem&item=230365625971&ssPageName=STRK:MEWAX:IT

--- In TS-850_450_690@yahoogroups.com, "James Puah" <EKTPUAH@...> wrote:
>
> Dear all,
>
>
>
> I am new to this group. I am a recently licensed HAM and have acquired a
> NOS Kenwood TS 450 SAT. I am now looking for a DSP 100 to hook up to the HF
> rig but am starting to learn that this is a relatively difficult to find
> item. Does anyone know or have any which you like to part at reasonable
> price or is there anyway one can construct a similar piece using currently
> available parts?
>
>
>
> Many thanks and best regards
>
> James Puah
>
> 9V1JP
>
>
>
> [Non-text portions of this message have been removed]
>

8200. CAT connector ACC1

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-08-13 19:54:32 UTC
From: Dan
Topic: 8200 Message: 8200

Hello everybody!

Did anyone of you had problems with the ACC1 connector on you're TS850s? I'm trying to do CAT with my Kenwood and I can't establish a connection with my computer. We try almost everything and we think that the problem could be the transceiver.

Dan, YO3IBW
http://www.buz.ro

8201. Re: [TS-850_450_690] CAT connector ACC1

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-08-13 20:02:06 UTC
From: Antonio M.
Topic: 8200 Message: 8201

you need to use an interface.

like kenwoof if232.

check this web
http://tk5ep.free.fr/tech/ts850/if232/en/if232_g.php

2009/8/13 Dan <dan@...>

>
>
> Hello everybody!
>
> Did anyone of you had problems with the ACC1 connector on you're TS850s?
> I'm trying to do CAT with my Kenwood and I can't establish a connection with
> my computer. We try almost everything and we think that the problem could be
> the transceiver.
>
> Dan, YO3IBW
> http://www.buz.ro
>
>
>

--
ATT:

Antonio M. Dorta
ElectroSat TV S.L.

[Non-text portions of this message have been removed]

8202. Re: [TS-850_450_690] CAT connector ACC1

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-08-13 21:04:02 UTC
From: Dave ve3wej
Topic: 8200 Message: 8202

if acc1 (without turning my rig around) is the 6 pin, then yes it works

6 pin cable is the same as commodore 64 floppy drive cable, if232c is required (or a clone) and of course a open serial port (or usb to serial adapter) to talk to it

4800,8,n,2 for settings on all older kenwoods. not sure about the 480 and 2000 models

Dave Garber
VE3WEJ
----- Original Message -----
From: Dan
To: TS-850_450_690@yahoogroups.com
Sent: Thursday, August 13, 2009 3:54 PM
Subject: [TS-850_450_690] CAT connector ACC1

Hello everybody!

Did anyone of you had problems with the ACC1 connector on you're TS850s? I'm trying to do CAT with my Kenwood and I can't establish a connection with my computer. We try almost everything and we think that the problem could be the transceiver.

Dan, YO3IBW
http://www.buz.ro

[Non-text portions of this message have been removed]

8203. Re: CAT connector ACC1

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-08-13 22:26:33 UTC
From: Dan
Topic: 8200 Message: 8203

Ok, thanks for the fast reply. I know that there is necessary an interface between the rig and the computer. We made one using the MAX232 CI and we try also another solution using an CI capable of sending TTL signal to the TS850s and get connected on the USB port. Both results are the-same... :(How can I check if the ACC1 port is working or not? Any ideas? Thanks once again.

Dan YO3IBW
http://www.buz.ro

--- In TS-850_450_690@yahoogroups.com, "Dave ve3wej" <ve3wej@...> wrote:
>
> if acc1 (without turning my rig around) is the 6 pin, then yes it works
>
> 6 pin cable is the same as commodore 64 floppy drive cable, if232c is required (or a clone) and of course a open serial port (or usb to serial adapter) to talk to it
>
> 4800,8,n,2 for settings on all older kenwoods. not sure about the 480 and 2000 models
>
> Dave Garber
> VE3WEJ
> ----- Original Message -----
> From: Dan
> To: TS-850_450_690@yahoogroups.com
> Sent: Thursday, August 13, 2009 3:54 PM
> Subject: [TS-850_450_690] CAT connector ACC1
>
>
> Hello everybody!
>
> Did anyone of you had problems with the ACC1 connector on you're TS850s? I'm trying to do CAT with my Kenwood and I can't establish a connection with my computer. We try almost everything and we think that the problem could be the transceiver.
>
> Dan, YO3IBW
> http://www.buz.ro
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

8204. Re: [TS-850_450_690] Re: CAT connector ACC1

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-08-13 23:12:08 UTC
From: Dave ve3wej
Topic: 8200 Message: 8204

the only way I know is with an original if232c or put your interfaces on someone elses radioss and see if they work there

----- Original Message -----
From: Dan
To: TS-850_450_690@yahoogroups.com
Sent: Thursday, August 13, 2009 6:26 PM
Subject: [TS-850_450_690] Re: CAT connector ACC1

Ok, thanks for the fast reply. I know that there is necessary an interface between the rig and the computer. We made one using the MAX232 CI and we try also another solution using an CI capable of sending TTL signal to the TS850s and get connected on the USB port. Both results are the-same... :(How can I check if the ACC1 port is working or not? Any ideas? Thanks once again.

Dan YO3IBW
http://www.buz.ro

--- In TS-850_450_690@yahoogroups.com, "Dave ve3wej" <ve3wej@...> wrote:
>
> if acc1 (without turning my rig around) is the 6 pin, then yes it works
>
> 6 pin cable is the same as commodore 64 floppy drive cable, if232c is required (or a clone) and of course a open serial port (or usb to serial adapter) to talk to it
>
> 4800,8,n,2 for settings on all older kenwoods. not sure about the 480 and 2000 models
>
> Dave Garber
> VE3WEJ
> ----- Original Message -----
> From: Dan
> To: TS-850_450_690@yahoogroups.com
> Sent: Thursday, August 13, 2009 3:54 PM
> Subject: [TS-850_450_690] CAT connector ACC1
>
>
> Hello everybody!
>
> Did anyone of you had problems with the ACC1 connector on you're TS850s? I'm trying to do CAT with my Kenwood and I can't establish a connection with my computer. We try almost everything and we think that the problem could be the transceiver.
>
> Dan, YO3IBW
> http://www.buz.ro
>
>

>
>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

8205. Re: [TS-850_450_690] Where and how to look for a Kenbwood DSP 100 at reasonable price

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-08-14 01:26:10 UTC
From: Tom Osborne
Topic: 8196 Message: 8205

Hi James

There is one on QTH.com right now for $495. Listing number is 753649. 73
Tom W7WHY

> Dear all,
>
>
>
> I am new to this group. I am a recently licensed HAM and have acquired a
> NOS Kenwood TS 450 SAT. I am now looking for a DSP 100 to hook up to the
> HF
> rig but am starting to learn that this is a relatively difficult to find
> item. Does anyone know or have any which you like to part at reasonable
> price or is there anyway one can construct a similar piece using currently
> available parts?

8206. Re: CAT connector ACC1

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-08-14 04:28:37 UTC
From: ve3tmt
Topic: 8200 Message: 8206

--- In TS-850_450_690@yahoogroups.com, "Dan" <dan@...> wrote:
>
> Ok, thanks for the fast reply. I know that there is necessary an interface between the rig and the computer. We made one using the MAX232 CI and we try also another solution using an CI capable of sending TTL signal to the TS850s and get connected on the USB port. Both results are the-same... :(How can I check if the ACC1 port is working or not? Any ideas? Thanks once again.

Have you tried your cable on another Kenwood radio? I have made 5 or 6 of the interfaces using the MAX232A chip and never had any problems. Dave, to answer your question, the TS2000 uses 9600,8,N,1. The circuit I use is in the files section called "max232ctrl.jpg"

Max
VE3TMT

8207. Re: CAT connector ACC1

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-08-15 13:00:36 UTC
From: Dan
Topic: 8200 Message: 8207

I've found a post (http://groups.yahoo.com/group/TS-850_450_690/message/3910) related to my problem that provide me with this information:

I have learned from the 850 Service Manual, that one should expect to
find the following DC Voltages on ACC-1 port.

TXD 0.2 (two tenths volt)
RXD 5.0
CTS 5.0
RTS 5.0

so I have measure also the voltage on the ACC1. I've got,

TXD 0.14
RXD 4.89
CTS 4.89
RTS 4.89

What do you think?

Have a nice weekend, 73

Dan, YO3IBW
http://www.buz.ro

8208. Re: Where and how to look for a Kenbwood DSP 100 at reasonable price

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-08-15 13:10:38 UTC
From: mm3cbo
Topic: 8196 Message: 8208

--- In TS-850_450_690@yahoogroups.com, "Tom Osborne" <w7why@...> wrote:
>
> Hi James
>
> There is one on QTH.com right now for $495. Listing number is 753649. 73
> Tom W7WHY
> Hi there is one on ebay U.K if you want to take a look..

> http://cgi.ebay.co.uk/DSP-100_W0QQitemZ230365625971QQcmdZViewItemQQptZUK_ConsumerElectronics_SpecialistRadioEquipment_SM?hash=item35a2dc7e73&_trksid=p3286.c0.m14
> > Dear al
> >
> >
> >
> > I am new to this group. I am a recently licensed HAM and have acquired a
> > NOS Kenwood TS 450 SAT. I am now looking for a DSP 100 to hook up to the
> > HF
> > rig but am starting to learn that this is a relatively difficult to find
> > item. Does anyone know or have any which you like to part at reasonable
> > price or is there anyway one can construct a similar piece using currently
> > available parts?
>

8209. Re: Where and how to look for a Kenbwood DSP 100 at reasonable price

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-08-15 14:23:08 UTC
From: corrinedewhurst
Topic: 8196 Message: 8209

Already mentioned
http://groups.yahoo.com/group/TS-850_450_690/message/8199

--- In TS-850_450_690@yahoogroups.com, "mm3cbo" <mm3cbo@...> wrote:
>
> --- In TS-850_450_690@yahoogroups.com, "Tom Osborne" <w7why@> wrote:
> >
> > Hi James
> >
> > There is one on QTH.com right now for $495. Listing number is 753649. 73
> > Tom W7WHY
> > Hi there is one on ebay U.K if you want to take a look..
>
>
> > http://cgi.ebay.co.uk/DSP-100_W0QQitemZ230365625971QQcmdZViewItemQQptZUK_ConsumerElect
ronics_SpecialistRadioEquipment_SM?hash=item35a2dc7e73&_trksid=p3286.c0.m14
> > > Dear al
> > >
> > >
> > >
> > > I am new to this group. I am a recently licensed HAM and have acquired a
> > > NOS Kenwood TS 450 SAT. I am now looking for a DSP 100 to hook up to the
> > > HF
> > > rig but am starting to learn that this is a relatively difficult to find
> > > item. Does anyone know or have any which you like to part at reasonable
> > > price or is there anyway one can construct a similar piece using currently
> > > available parts?
> >
>

8210. Re: [TS-850_450_690] Re: CAT connector ACC1

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-08-15 20:13:05 UTC
From: Dave ve3wej
Topic: 8200 Message: 8210

sounds like the same voltages (close enough to me)

---

find the following DC Voltages on ACC-1 port.

TXD 0.2 (two tenths volt)
RXD 5.0
CTS 5.0
RTS 5.0

so I have measure also the voltage on the ACC1. I've got,

TXD 0.14
RXD 4.89
CTS 4.89
RTS 4.89

What do you think?

Have a nice weekend, 73

Dan, YO3IBW
http://www.buz.ro

8211. TS-850 with the latest version PowerSDR/IF via LP-PAN

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-08-17 15:38:52 UTC
From: Mike Christiansen
Topic: 8211 Message: 8211

Hey everyone,

I got the latest version of PowerSDR working with my TS-850 via the LP-PAN. Scott did a real good job with the new version. I put a short video of it on Youtube if anyone is interested

http://www.youtube.com/watch?v=qecPMzZjyQg&feature=channel_page

Mike, N4GW

8212. Re: [TS-850_450_690] TS-850 with the latest version PowerSDR/IF via LP-PAN

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-08-17 20:42:55 UTC
From: aborg
Topic: 8211 Message: 8212

This upgrade capability makes the Kenwood TS-850S's value shoot to the roof. Imagine having the capability of the new rigs ie, Flex Radio 5000C in your so called old technology Kenwood TS-850S. I'm glad I have the 850S.

Mike-KK4MS

a_borg@...

--- On Mon, 8/17/09, Mike Christiansen <starmike@bellsouth.net> wrote:

From: Mike Christiansen <starmike@...>
Subject: [TS-850_450_690] TS-850 with the latest version PowerSDR/IF via LP-PAN
To: TS-850_450_690@yahoogroups.com
Date: Monday, August 17, 2009, 11:38 AM

Hey everyone,

I got the latest version of PowerSDR working with my TS-850 via the LP-PAN. Scott did a real good job with the new version. I put a short video of it on Youtube if anyone is interested

http://www.youtube. com/watch? v=qecPMzZjyQg& feature=channel_ page

Mike, N4GW

[Non-text portions of this message have been removed]

8213. Re: [TS-850_450_690] TS-850 with the latest version PowerSDR/IF via LP-PAN

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-08-17 21:14:58 UTC
From: Mike Christiansen
Topic: 8211 Message: 8213

Hi Mike,

You got that right. It is amazing the things we can do with our old technology, and just think of all the money we save

Mike, N4GW

On Aug 17, 2009, at 4:42 PM, aborg wrote:

> This upgrade capability makes the Kenwood TS-850S's value shoot to
> the roof. Imagine having the capability of the new rigs ie, Flex
> Radio 5000C in your so called old technology Kenwood TS-850S. I'm
> glad I have the 850S.
>
> Mike-KK4MS
>
> a_borg@...
>
> --- On Mon, 8/17/09, Mike Christiansen <starmike@...> wrote:
>
> From: Mike Christiansen <starmike@...>
> Subject: [TS-850_450_690] TS-850 with the latest version PowerSDR/IF
> via LP-PAN
> To: TS-850_450_690@yahoogroups.com
> Date: Monday, August 17, 2009, 11:38 AM
>
>
>
> Hey everyone,
>
> I got the latest version of PowerSDR working with my TS-850 via the
> LP-PAN. Scott did a real good job with the new version. I put a
> short video of it on Youtube if anyone is interested
>
> http://www.youtube. com/watch? v=qecPMzZjyQg& feature=channel_ page
>
> Mike, N4GW
>
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> [Non-text portions of this message have been removed]
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[Non-text portions of this message have been removed]

8214. Re: TS-450S no SB or AM

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-08-17 21:21:41 UTC
From: Roy Sakabu
Topic: 8091 Message: 8214

That glass tube is a surge absorber. It shorts to ground when the voltage exceeds the device's rating. By shorting to ground, it protects the rest of the radio from high energy spikes such as nearby lightning strikes. If you can, try unsoldering it or simply clip the lead (be sure to leave a little wire on both sides in case you want to repair the cut). Now, make sure you are grounded because once you do this there is no protection to your receiver's front end.

Attach you antenna or even a piece of wire to your input to see if WWV comes back in.

If the recive sensitivity goes back to normal, you've found the culprit. It probably shorted out to protect the rest of your radio. Get a replacement before you operate any more. Otherwise, check continuity across the fuse in both directions and solder back the cut if it looks good.

See the picture on the front page of this Yahoo group? It is a shot of the blown absorber on the TS-850S.

--- In TS-850_450_690@yahoogroups.com, "huweyii" <misc@...> wrote:
> The only thing slightly abnormal I found was a little glass tube which is the next thing in line after the antenna connector. I think it's a surge absorber but I'm not sure. The glass is slightly smoked on the inside. The circuit diagram shows this glass tube as two triangles pointed at each other with a line between them. I've never seen that one symbol and can't find that symbol anywhere on the internet.
>

8215. Re: [TS-850_450_690] TS-850 with the latest version PowerSDR/IF via LP-PAN

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-08-17 23:01:25 UTC
From: syawalthahir@yahoo.com
Topic: 8211 Message: 8215

Hi Mike,
Could share the connection scheme? Are you using VAC software?

Syawal, YC5UK

Powered by Telkomsel BlackBerry?

-----Original Message-----
From: "Mike Christiansen" <starmike@...>

Date: Mon, 17 Aug 2009 15:38:52
To: <TS-850_450_690@yahoogroups.com>
Subject: [TS-850_450_690] TS-850 with the latest version PowerSDR/IF via LP-PAN

Hey everyone,

I got the latest version of PowerSDR working with my TS-850 via the LP-PAN. Scott did a real good job with the new version. I put a short video of it on Youtube if anyone is interested

http://www.youtube.com/watch?v=qecPMzZjyQg&feature=channel_page

Mike, N4GW

[Non-text portions of this message have been removed]

8216. Re: [TS-850_450_690] TS-850 with the latest version PowerSDR/IF via LP-PAN

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-08-17 23:25:06 UTC
From: Mike Christiansen
Topic: 8211 Message: 8216

Hi Syawal,

I will share what I think you are asking, then if you have any further questions let me know. The TS-850 uses an RCA connector for the IF Port. The LP-PAN uses a BNC port. I used an cable with RCA at both ends, then used a BNC adaptor for the LP-PAN side of things. The LPPAN takes the I/Q signal from the IF Port and splits them into Left and Right sound outputs, which just use standard audio cables into the EMU-0202 sounds card. On the LP-PAN webpage, Larry has a list of sound cards that have been tested. You need a sound card which supports a 96 khz - 192 khz sampling rate. I chose the emu-0202 because it was external and used a USB cable to talk to the computer and since I was running an iMac, I could not install an internal sound card.. The EMU-0202 also has has left/right volume controls so it is easy to remove duplicate images from the band-scope.

On the iMac, I used Bootcamp to boot up under Windows XP. PowerSDR requires .NET to run so I needed to run it under windows. If you look my other video using WINRAD, I ran it natively on MAC OSX using a program called Crossover which allows me to natively run certain windows apps on MAC OSX

I hope this helps. If you look me up on QRZ.com, I have links to the LP-PAN website so you can look all this up

73,
Mike, N4GW

On Aug 17, 2009, at 7:01 PM, syawalthahir@... wrote:

> Hi Mike,
> Could share the connection scheme? Are you using VAC software?
>
> Syawal, YC5UK
>
> Powered by Telkomsel BlackBerry®
>
> -----Original Message-----
> From: "Mike Christiansen" <starmike@...>
>
> Date: Mon, 17 Aug 2009 15:38:52
> To: <TS-850_450_690@yahoogroups.com>
> Subject: [TS-850_450_690] TS-850 with the latest version PowerSDR/IF
> via LP-PAN
>

>
> Hey everyone,
>
> I got the latest version of PowerSDR working with my TS-850 via the
> LP-PAN. Scott did a real good job with the new version. I put a
> short video of it on Youtube if anyone is interested
>
> http://www.youtube.com/watch?v=qecPMzZjyQg&feature=channel_page
>
> Mike, N4GW
>
>
>
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@YAHOOGROUPS.COMYahoo! Groups Links
>
>
>

8217. Re: TS-850 with the latest version PowerSDR/IF via LP-PAN

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-08-20 05:38:19 UTC
From: bswadener
Topic: 8211 Message: 8217

Hi Mike,

Using an expression that dates me, that's pretty groovy!
Albeit w/o the extreme grooviness, there's another way to get a Panadapter married to our Kenwood rigs.

Some years ago, when I was running TS120 and TS130 rigs (same 8.83 MHz IF), I married a Heath SB620 'Scanalyzer' to them. While the '620 was typically configured for Heath's 3.395 MHz IF, the input amplifier can be switched to operate as a mixer. A little arithmetic tells us that all we need is an oscillator operating at 3.395 + 8.83 = 12.225 MHz. For those of us who recall the rock-bound 2m rigs, many used crystals in the 12 MHz rangs. I found a crystal for one of these rigs, marked '146.76' (12.23 MHz fundamental) and built an oscillator that plugs into the 'RF Gen' jack on the rear of the '620. A slight tweak of the SB620's sweep oscillator, and I was almost in business. Since the TS120 and TS130 rigs didn't provide an IF output, I fashioned a simple buffer amplifier inside the rigs and routed the output thru an unused pin on the ACCY jack. Voila! The TS850 (et al) wouldn't need the buffer. I don't know if the input amplifier on the (even) older HO10 can be switched to operate as a mixer.

73,
Bryan WA7PRC

Mike N4GW wrote:
>
> Hey everyone,
>
> I got the latest version of PowerSDR working with my TS-850 via the LP-PAN. Scott did a real good job with the new version. I put a short video of it on Youtube if anyone is interested
>
> http://www.youtube.com/watch?v=qecPMzZjyQg&feature=channel_page
>
> Mike, N4GW
>

8218. Re: [TS-850_450_690] Re: TS-850 with the latest version PowerSDR/IF via LP-PAN

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-08-20 13:15:42 UTC
From: James Christiansen
Topic: 8211 Message: 8218

Good job Bryan, and an intersting approach. There is also the SM-230 if you can find one, but they are rare and expensive. More expensive than either of our solutions

73, Mike, N4GW

From: bswadener <bswadener@...>
To: TS-850_450_690@yahoogroups.com
Sent: Thursday, August 20, 2009 1:38:19 AM
Subject: [TS-850_450_690] Re: TS-850 with the latest version PowerSDR/IF via LP-PAN

Hi Mike,

Using an expression that dates me, that's pretty groovy!
Albeit w/o the extreme grooviness, there's another way to get a Panadapter married to our Kenwood rigs.

Some years ago, when I was running TS120 and TS130 rigs (same 8.83 MHz IF), I married a Heath SB620 'Scanalyzer' to them. While the '620 was typically configured for Heath's 3.395 MHz IF, the input amplifier can be switched to operate as a mixer. A little arithmetic tells us that all we need is an oscillator operating at 3.395 + 8.83 = 12.225 MHz. For those of us who recall the rock-bound 2m rigs, many used crystals in the 12 MHz rangs. I found a crystal for one of these rigs, marked '146.76' (12.23 MHz fundamental) and built an oscillator that plugs into the 'RF Gen' jack on the rear of the '620. A slight tweak of the SB620's sweep oscillator, and I was almost in business. Since the TS120 and TS130 rigs didn't provide an IF output, I fashioned a simple buffer amplifier inside the rigs and routed the output thru an unused pin on the ACCY jack. Voila! The TS850 (et al) wouldn't need the buffer. I don't know if the input amplifier on the (even) older HO10
can be switched to operate as a mixer.

73,
Bryan WA7PRC

Mike N4GW wrote:
>
> Hey everyone,
>
> I got the latest version of PowerSDR working with my TS-850 via the LP-PAN. Scott did a real good job with the new version. I put a short video of it on Youtube if anyone is interested
>
> http://www.youtube. com/watch? v=qecPMzZjyQg& feature=channel_ page
>
> Mike, N4GW
>

[Non-text portions of this message have been removed]

8219. Re: TS-850 with the latest version PowerSDR/IF via LP-PAN

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-08-21 19:38:38 UTC
From: bswadener
Topic: 8211 Message: 8219

Thanks Mike,

The biggest problem with using any Panoramic display w/ a small CRT is interpolating close-spaced signals with the Panadapter set for a wide scan. Unlike older rigs that used a Preselector in the receiver frontend, modern rigs use bandpass filters so, I can scan the entire band... I just can't actually *see* it on that 3" CRT! hi!

After marrying the SB620 to my Kenwood rigs, I then found a Kenwood SM220 w/ BS8. It works OK but, I went back to using the SB620 for a few reasons:

1) The CRT in the SB620 uses a long-persistence phosphor, making it easier to see signals that have a low duty cycle (such as SSB & CW).

2) The graticule on the SB620 has markings that are easier to interpolate relative frequency & amplitude.

3) The SB620's input amplifier can also be switched to operate in either linear or logarithmic modes. The logarithmic response makes it easier to differentiate between strong & weak signals.

4) I like being able to monitor transmitted and receive signals w/o having to reconfigure the scope(s). With the SM220, there's no automatic T/R switching between transmit (envelope or trapezoid) and receive (Panadapter) functions. I dunno if the SM230 'fixed' that. I currently use the SB620 for receive monitoring, and the SM220 for only transmit monitoring.

It'd be even groovier if the LP-PAN box & PowerSDR software had transmit monitor (envelope and trapezoid) capability... automatically switched, of course.

73,
Bryan WA7PRC

Mike N4GW wrote:
>
> Good job Bryan, and an intersting approach. There is also the SM-230 if you can find one, but they are rare and expensive. More expensive than either of our solutions
>
> 73, Mike, N4GW

8220. Disable AIP?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-08-23 12:01:37 UTC
From: Crownhaven
Topic: 8220 Message: 8220

Is there a way to disable the AIP, but not permanently? I know once it is engaged, you can turn it off via the button on the front panel. And, you can enable it on a higher freq that does not automatically engage it. But, is there a way to make it not engage at all?

I would like to scan through a series of memory channels without listening to the relays engage.

Steve, N4JQQ

8221. Wanted

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-08-23 18:48:39 UTC
From: tommy77@btopenworld.com
Topic: 453 Message: 8221

hi all does anyone have
a display module for
kenwood ts 450s for sale
or know where i could purchase one
Thanks Tom
gi0pvg

8222. Re: [TS-850_450_690] Wanted

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-08-24 07:12:12 UTC
From: John McCash
Topic: 453 Message: 8222

Hi Tom,
Did you try the EBAY shop HIFISSB they have loads of radio spares.
John

--- On Sun, 23/8/09, tommy77@... <tommy77@...> wrote:

From: tommy77@... <tommy77@...>
Subject: [TS-850_450_690] Wanted
To: TS-850_450_690@yahoogroups.com
Date: Sunday, 23 August, 2009, 6:48 PM

hi all does anyone have
a display module for
kenwood ts 450s for sale
or know where i could purchase one
Thanks Tom
gi0pvg

[Non-text portions of this message have been removed]

8223. Re: [TS-850_450_690] Wanted

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-08-24 11:18:12 UTC
From: TOM LYONS
Topic: 453 Message: 8223

hi John yes i tried him many thanks for info
Tom

From: John McCash <mm3cbo@...>
To: TS-850_450_690@yahoogroups.com
Sent: Monday, 24 August, 2009 8:12:12 AM
Subject: Re: [TS-850_450_690] Wanted

Hi Tom,
Did you try the EBAY shop HIFISSB they have loads of radio spares.
John

--- On Sun, 23/8/09, tommy77@btopenworld .com <tommy77@btopenworld .com> wrote:

From: tommy77@btopenworld .com <tommy77@btopenworld .com>
Subject: [TS-850_450_ 690] Wanted
To: TS-850_450_690@ yahoogroups. com
Date: Sunday, 23 August, 2009, 6:48 PM

hi all does anyone have
a display module for
kenwood ts 450s for sale
or know where i could purchase one
Thanks Tom
gi0pvg

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

8226. Poor receive on start up.

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-08-24 16:16:36 UTC
From: JOHN GARDINER
Topic: 8226 Message: 8226

My TS 450S which I have had for a number of years has developed a fault. On switching on the signal and audio signal received are very low. After about 5 minutes warm up it springs into life. Has anyone else come across this problem and is there a fix ?.
Many Thanks John

john.m3xcb@btopenworld.com

[Non-text portions of this message have been removed]

8227. Re: [TS-850_450_690] Re: Wanted

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-08-24 17:50:53 UTC
From: TOM LYONS
Topic: 453 Message: 8227

sorry just home 18.50 was too late
many thanks anyway
Tom
gi0pvg

From: corrinedewhurst <corrinedewhurst@yahoo.com>
To: TS-850_450_690@yahoogroups.com
Sent: Monday, 24 August, 2009 5:12:12 PM
Subject: [TS-850_450_690] Re: Wanted

One here for sale
http://tinyurl. com/mqqzg7
Better be quick though,only 1hr 40 mins left.

--- In TS-850_450_690@ yahoogroups. com, "tommy77@... " <tommy77@... > wrote:
>
> hi all does anyone have
> a display module for
> kenwood ts 450s for sale
> or know where i could purchase one
> Thanks Tom
> gi0pvg
>

[Non-text portions of this message have been removed]

8228. Re: [TS-850_450_690] Poor receive on start up.

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-08-24 18:55:57 UTC
From: bayuh@yahoo.com
Topic: 8226 Message: 8228

Hi John,

Go check the IF circuitry and see if there is a leak in capacitors into the PCB. Mine had leaked its C104 (audio out) to the PCB not long ago, and had some of the control circuitry shorted each other.

Some members gave me advice on this, and I successfully cleaned up the mess, and finally the radio got back to normal operation.

Mine is a TS-690S, with most of the circuits similar to your 450, except the 6 meter band.

Enjoy, 73
Bayu/YC1RJ

Sent from my BlackBerry?
powered by Sinyal Kuat INDOSAT

-----Original Message-----
From: JOHN GARDINER <john.m3xcb@...>

Date: Mon, 24 Aug 2009 16:16:36
To: <TS-850_450_690@yahoogroups.com>
Subject: [TS-850_450_690] Poor receive on start up.

My TS 450S which I have had for a number of years has developed a fault. On switching on the signal and audio signal received are very low. After about 5 minutes warm up it springs into life. Has anyone else come across this problem and is there a fix ?.
Many Thanks?? John

john.m3xcb@...

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

8229. Doing radios southern style - TS850SATs

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-08-24 20:15:44 UTC
From: w8nf
Topic: 8229 Message: 8229

When I was W8NF/4 in Atlanta Georgia, the first joke that locals told about themselves was this: How can you tell when a Georgian is rich? He has TWO Cadillacs on blocks in the front yard.

I treasure my TS-850SAT, but it's been rather unreliable. An old Icom IC-735 is the backup rig, unfortunately it's the one that's been used mainly in contesting. At one point when both radios were nominally functional, I tried my hand at SO2R DXing and contesting and was hooked. But the '735 has horrid phase noise and an easily overloaded RX, making it marginal for DXing and really painful for contesting. My enthusiasm for SO2R was cemented when we tried pseudo-SO2R on Field Day with a pair of Elecraft K3s.

Things like family and a desire for a better antenna farm are the current draws on the budget, so the SO2R dream would have to be accomplished with lesser rigs than a pair of K3s. After some study, I decided it would have to be a pair of 850s, so I set about gathering enough of them to put together two reliable units.

My own '850 had suffered the dreaded DDS chip failure earlier this year, but after the last chip left the hands of Kenwood. So, it's dead, and gonna stay that way.

A ham up north of me sent out a shack cleaning email, and one item was a VERY favorably priced TS-850SAT...the only symptom being the ALC issue. I jumped on it, and was overjoyed to discover it was a 60 million serial number rig with the reliable YM66312 chips in it. I have yet to get to the ALC issue in it, but just that problem, and the CW sidetone mod, and I think I'll have that one on the air.

Just a month ago, I got a notice of a local estate being cleaned out and one of the items was a "tested and working" TS-850SAT, with the usual $700 price tag. Hoping for a recent rig, I asked the chap the serial number and was dismayed to see 31 million come back at me. I explained about the DDS chips and said sorry I'm not interested because an old SN like that was guaranteed to lose a chip in the future, with no known repair path. Bless his heart, he opened the rig up to look at the CAR board. In his email he said "I've got good news and bad new. Good new, the chips have all been replaced and are the new YM66312 chips. Bad news, all the aluminum electrolytics are leaking and have turned the board black and when I bumped one of them, it fell clean off the board, taking traces with it. So this is now a guaranteed dead radio. Since you're familiar with them, maybe you want it as a parts rig?" We struck a deal.

So, I now have THREE TS-850SATs, none of which function. But there are 8 new-style YM66312 chips between the two of them (and three still functioning YM6631 chips) so I think I can backyard-mechanic them into two good radios.

So, how do you tell a rich Oregon ham? He has THREE Kenwood TS-850SATs on blocks in his ham shack.

Once I build a functioning rig out of two basket cases, do I have to put a salvage title on it?

;)

73,

Dave W8NF

8230. Re: [TS-850_450_690] Doing radios southern style - TS850SATs

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-08-24 21:00:32 UTC
From: Mike Christiansen
Topic: 8229 Message: 8230

Hi Dave, yes some of the woes of using older radios. I have one of the first TS-850S AT with the old chips. It is 18 years old I think. It is my main rig and I use it everyday and have never had a problem with the old chips. I think just because your rig has the old chips, does not mean you are guaranteed to have a problem, but you never know. Mine has had all the capacitors replaced last year, so I don;t worry about leaking either. I hope you get a working unit from your three rigs. Keep us posted with how it goes.

73,
Mike, N4GW

On Aug 24, 2009, at 4:15 PM, w8nf wrote:

> When I was W8NF/4 in Atlanta Georgia, the first joke that locals
> told about themselves was this: How can you tell when a Georgian is
> rich? He has TWO Cadillacs on blocks in the front yard.
>
> I treasure my TS-850SAT, but it's been rather unreliable. An old
> Icom IC-735 is the backup rig, unfortunately it's the one that's
> been used mainly in contesting. At one point when both radios were
> nominally functional, I tried my hand at SO2R DXing and contesting
> and was hooked. But the '735 has horrid phase noise and an easily
> overloaded RX, making it marginal for DXing and really painful for
> contesting. My enthusiasm for SO2R was cemented when we tried pseudo-
> SO2R on Field Day with a pair of Elecraft K3s.
>
> Things like family and a desire for a better antenna farm are the
> current draws on the budget, so the SO2R dream would have to be
> accomplished with lesser rigs than a pair of K3s. After some study,
> I decided it would have to be a pair of 850s, so I set about
> gathering enough of them to put together two reliable units.
>
> My own '850 had suffered the dreaded DDS chip failure earlier this
> year, but after the last chip left the hands of Kenwood. So, it's
> dead, and gonna stay that way.
>
> A ham up north of me sent out a shack cleaning email, and one item
> was a VERY favorably priced TS-850SAT...the only symptom being the
> ALC issue. I jumped on it, and was overjoyed to discover it was a 60
> million serial number rig with the reliable YM66312 chips in it. I
> have yet to get to the ALC issue in it, but just that problem, and
> the CW sidetone mod, and I think I'll have that one on the air.
>
> Just a month ago, I got a notice of a local estate being cleaned out
> and one of the items was a "tested and working" TS-850SAT, with the

> usual $700 price tag. Hoping for a recent rig, I asked the chap the
> serial number and was dismayed to see 31 million come back at me. I
> explained about the DDS chips and said sorry I'm not interested
> because an old SN like that was guaranteed to lose a chip in the
> future, with no known repair path. Bless his heart, he opened the
> rig up to look at the CAR board. In his email he said "I've got good
> news and bad new. Good new, the chips have all been replaced and are
> the new YM66312 chips. Bad news, all the aluminum electrolytics are
> leaking and have turned the board black and when I bumped one of
> them, it fell clean off the board, taking traces with it. So this is
> now a guaranteed dead radio. Since you're familiar with them, maybe
> you want it as a parts rig?" We struck a deal.
>
> So, I now have THREE TS-850SATs, none of which function. But there
> are 8 new-style YM66312 chips between the two of them (and three
> still functioning YM6631 chips) so I think I can backyard-mechanic
> them into two good radios.
>
> So, how do you tell a rich Oregon ham? He has THREE Kenwood
> TS-850SATs on blocks in his ham shack.
>
> Once I build a functioning rig out of two basket cases, do I have to
> put a salvage title on it?
>
> ;)
>
> 73,
>
> Dave W8NF
>
>
>

[Non-text portions of this message have been removed]

8231. Re:Poor receive on start up.

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-08-25 13:43:04 UTC
From: Rex Simmons
Topic: 8226 Message: 8231

Check the connection between the SO-239 and the circuit board. Mine had a cold solder joint that re-soldering fixed. As I understand it, this is common.

Rex, NX8G

I am using the Free version of SPAMfighter <http://www.spamfighter.com/len>
.
We are a community of 6 million users fighting spam.
SPAMfighter has removed 2378 of my spam emails to date.
The Professional version does not have this message.

[Non-text portions of this message have been removed]

8234. Re: Wanted

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-08-28 10:58:31 UTC
From: corrinedewhurst
Topic: 453 Message: 8234

Tom theres another here, E bay item number 330355333892
& he ships to the U.K for a very reasonable price.

--- In TS-850_450_690@yahoogroups.com, TOM LYONS <tommy77@...> wrote:
>
> sorry just home 18.50 was too late
> many thanks anyway
> Tom
> gi0pvg
>
>
>
>
>
> _____
> From: corrinedewhurst <corrinedewhurst@...>
> To: TS-850_450_690@yahoogroups.com
> Sent: Monday, 24 August, 2009 5:12:12 PM
> Subject: [TS-850_450_690] Re: Wanted
>
>
> One here for sale
> http://tinyurl. com/mqqzg7
> Better be quick though,only 1hr 40 mins left.
>
> --- In TS-850_450_690@ yahoogroups. com, "tommy77@ " <tommy77@ > wrote:
> >
> > hi all does anyone have
> > a display module for
> > kenwood ts 450s for sale
> > or know where i could purchase one
> > Thanks Tom
> > gi0pvg
> >
>
>
>
>
> [Non-text portions of this message have been removed]
>

8235. Re: [TS-850_450_690] Re: Wanted

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-08-28 19:06:39 UTC
From: TOM LYONS
Topic: 453 Message: 8235

hi again many thanks for info
Tom

From: corrinedewhurst <corrinedewhurst@...>
To: TS-850_450_690@yahoogroups.com
Sent: Friday, 28 August, 2009 11:55:26 AM
Subject: [TS-850_450_690] Re: Wanted

Tom theres another here...
http://cgi.ebay. com/Kenwood- TS-450-TS- 450s-TS-450sat- LCD-Display_ W0QQitemZ3303553
33892QQcmdZViewI temQQptZLH_ DefaultDomain_ 0?hash=item4ceab 65b04&_trksid= p3286.c0. m14

ships to the U.K at a very reasonable price,Shaun :O)

--- In TS-850_450_690@ yahoogroups. com, TOM LYONS <tommy77@... > wrote:
>
> sorry just home 18.50 was too late
> many thanks anyway
> Tom
> gi0pvg
>
>
>
>
>
> __ _____ _____ _____ __
> From: corrinedewhurst <corrinedewhurst@ ...>
> To: TS-850_450_690@ yahoogroups. com
> Sent: Monday, 24 August, 2009 5:12:12 PM
> Subject: [TS-850_450_ 690] Re: Wanted
>
>
> One here for sale
> http://tinyurl. com/mqqzg7
> Better be quick though,only 1hr 40 mins left.
>
> --- In TS-850_450_690@ yahoogroups. com, "tommy77@ " <tommy77@ > wrote:
> >
> > hi all does anyone have
> > a display module for
> > kenwood ts 450s for sale
> > or know where i could purchase one
> > Thanks Tom
> > gi0pvg
> >

>
>
>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

8236. Re: Wanted

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-08-29 09:51:51 UTC
From: corrinedewhurst
Topic: 453 Message: 8236

Hi Tom,no probs,presume thats you thats placed a bid?

--- In TS-850_450_690@yahoogroups.com, TOM LYONS <tommy77@...> wrote:
>
> hi again many thanks for info
> Tom
>
>
>
>
>
> _____
> From: corrinedewhurst <corrinedewhurst@...>
> To: TS-850_450_690@yahoogroups.com
> Sent: Friday, 28 August, 2009 11:55:26 AM
> Subject: [TS-850_450_690] Re: Wanted
>
>
> Tom theres another here...
> http://cgi.ebay. com/Kenwood- TS-450-TS- 450s-TS-450sat- LCD-Display_ W0QQitemZ3303553
33892QQcmdZViewI temQQptZLH_ DefaultDomain_ 0?hash=item4ceab 65b04&_trksid= p3286.c0. m14
>
> ships to the U.K at a very reasonable price,Shaun :O)
>
> --- In TS-850_450_690@ yahoogroups. com, TOM LYONS <tommy77@ > wrote:
> >
> > sorry just home 18.50 was too late
> > many thanks anyway
> > Tom
> > gi0pvg
> >
> >
> >
> >
> >
> > _____ _____ _____ __
> > From: corrinedewhurst <corrinedewhurst@ ...>
> > To: TS-850_450_690@ yahoogroups. com
> > Sent: Monday, 24 August, 2009 5:12:12 PM
> > Subject: [TS-850_450_ 690] Re: Wanted
> >
> >
> > One here for sale
> > http://tinyurl. com/mqqzg7
> > Better be quick though,only 1hr 40 mins left.

> >
> > --- In TS-850_450_690@ yahoogroups. com, "tommy77@ " <tommy77@ > wrote:
> > >
> > > hi all does anyone have
> > > a display module for
> > > kenwood ts 450s for sale
> > > or know where i could purchase one
> > > Thanks Tom
> > > gi0pvg
> > >
> >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>
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>
>
> [Non-text portions of this message have been removed]
>

8237. Board/parts commonality between TS-690 and TS-850?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-08-29 03:54:41 UTC
From: Ed Thierbach
Topic: 8237 Message: 8237

Hi, everyone --

I recently received a TS-690S as part of an estate lot I bought. I'm thinking about keeping it as a backup, and as a future source of parts for my TS-850SAT. How many major parts (boards, power supply, etc) do the two radios have in common? Am I better off selling the working 690 and getting a "parts rig" 850 (one that has the newer DDS chips, of course)?

Thanks and 73,
-Ed- AB8OJ

8238. Re: Board/parts commonality between TS-690 and TS-850?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-08-29 14:30:34 UTC
From: nm9p
Topic: 8237 Message: 8238

If I Remember Correctly,
The 690 is basically a 450 with six meters added in place of the auto antenna tuner. It is a good rig in its own right.
I don't now that much would transfer to the 850, though they may share some circuitry.
(Others please correct me gently if I am in error....)

Ken - NM9P

--- In TS-850_450_690@yahoogroups.com, Ed Thierbach <ethierba@...> wrote:
>
> Hi, everyone --
>
> I recently received a TS-690S as part of an estate lot I bought. I'm
> thinking about keeping it as a backup, and as a future source of parts
> for my TS-850SAT. How many major parts (boards, power supply, etc) do
> the two radios have in common? Am I better off selling the working
> 690 and getting a "parts rig" 850 (one that has the newer DDS chips,
> of course)?
>
> Thanks and 73,
> -Ed- AB8OJ
>

8239. Re: Board/parts commonality between TS-690 and TS-850?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-08-29 16:30:36 UTC
From: avvidclif
Topic: 8237 Message: 8239

A lot of the individual parts are the same. At the board level there is nothing that matches.

Clif

--- In TS-850_450_690@yahoogroups.com, Ed Thierbach <ethierba@...> wrote:
>
> Hi, everyone --
>
> I recently received a TS-690S as part of an estate lot I bought. I'm
> thinking about keeping it as a backup, and as a future source of parts
> for my TS-850SAT. How many major parts (boards, power supply, etc) do
> the two radios have in common? Am I better off selling the working
> 690 and getting a "parts rig" 850 (one that has the newer DDS chips,
> of course)?
>
> Thanks and 73,
> -Ed- AB8OJ
>

8240. Re: Board/parts commonality between TS-690 and TS-850?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-08-31 01:40:26 UTC
From: clintws1v
Topic: 8237 Message: 8240

With the 690, you could still add the internal auto tuner as an option. So even thou it has 6mtr capability the auto tuner could also be added. Most of the boards differ between the 690 vs 850

Clint
WS1V
--- In TS-850_450_690@yahoogroups.com, "nm9p" <nm9p@...> wrote:
>
> If I Remember Correctly,
> The 690 is basically a 450 with six meters added in place of the auto antenna tuner. It is a good rig in its own right.
> I don't now that much would transfer to the 850, though they may share some circuitry.
> (Others please correct me gently if I am in error....)
>
> Ken - NM9P
>
>
>
> --- In TS-850_450_690@yahoogroups.com, Ed Thierbach <ethierba@> wrote:
> >
> > Hi, everyone --
> >
> > I recently received a TS-690S as part of an estate lot I bought. I'm
> > thinking about keeping it as a backup, and as a future source of parts
> > for my TS-850SAT. How many major parts (boards, power supply, etc) do
> > the two radios have in common? Am I better off selling the working
> > 690 and getting a "parts rig" 850 (one that has the newer DDS chips,
> > of course)?
> >
> > Thanks and 73,
> > -Ed- AB8OJ
> >
>

8241. TS-850SAT Display Repair $1.39 Cents

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-08-31 12:48:05 UTC
From: a_borg
Topic: 8241 Message: 8241

Okay here's an old familiar issue. My 850S serial number series # 21200xxx display went dead. To my surprise it had already been fixed before, but with this caveat. The C18 cap that leaks and eats up the trace was replaced with a 100uF 25v cap instead of the 470uF cap from the original circuit. There was also other repairs to the board. To keep this short, I replaced it with a $1.39 cent cap from Rat Shack. It still did not work. The original cap leak to the trace was cleaned before, but still no display. After pulling out the ohm meter I discovered the trace path from the positive side of C10 (470uF) cap to the transformer, even though there was no visible break was opened.

I placed a jumper wire from the (+) plus side of the cap to the transformer solder point on the circuit and I have now display ignition.
The five screws and mini flat ribbon cable to the display was a fantastic design scheme. That made the repair about 1 hour and half.

My suggestion to replace this cap now, no matter what the serial number and save the headache and possible display board leak destruction now. A dumb monkey can do it, so what's your excuse. I have ordered the other capacitors that are known problems from mouser and I'm going to change them all. Here's repair info from the web that I used.

" http://jvgavila.com/wb7.htm "

That's my 2 cents. 73's

Mike-KK4MS

8242. TS-450 Question...

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-08-31 07:53:23 UTC
From: Josh Gibbs
Topic: 8242 Message: 8242

Greetings,

I am new to this forum, and new to the TS-450! I just bought one recently, and it is my first HF radio. I really like the radio, although I have mostly been listening and have not transmitted much. I learned code to upgrade my license a few years back, but never did anything more with it until now. I am hooked! I really need a cw filter (anyone have an extra YK-88C-1 to sell?).

I have read on this forum about some common problems with these radios - I cracked open the case tonight to have a look inside and the battery and all the capacitors that I could see look good - no leaking. Aside from replacing / relocating the battery to another location, is there any other 'preventive maintenance' that I should consider? I think I will be hanging on to this radio for a long time, so I want it to last.

Thanks!

-Josh KD7PAJ

8243. Re: [TS-850_450_690] TS-450 Question...

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-08-31 19:08:20 UTC
From: Dave ve3wej
Topic: 8242 Message: 8243

if no one has a filter here, I have seen them show up on the swaps for around 75-90 dollars..... and ebay (as a last resort)

----- Original Message -----
From: Josh Gibbs
To: TS-850_450_690@yahoogroups.com
Sent: Monday, August 31, 2009 3:53 AM
Subject: [TS-850_450_690] TS-450 Question...

Greetings,

I am new to this forum, and new to the TS-450! I just bought one recently, and it is my first HF radio. I really like the radio, although I have mostly been listening and have not transmitted much. I learned code to upgrade my license a few years back, but never did anything more with it until now. I am hooked! I really need a cw filter (anyone have an extra YK-88C-1 to sell?).

I have read on this forum about some common problems with these radios - I cracked open the case tonight to have a look inside and the battery and all the capacitors that I could see look good - no leaking. Aside from replacing / relocating the battery to another location, is there any other 'preventive maintenance' that I should consider? I think I will be hanging on to this radio for a long time, so I want it to last.

Thanks!

-Josh KD7PAJ

[Non-text portions of this message have been removed]

8244. Receiver Section Adjustment questions...

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-08-31 23:37:17 UTC
From: va3fm
Topic: 8244 Message: 8244

I would like some clarification on the Receiver Section Adjustment in the service manual (page 121) for some of the CH:xx references. for example Item 6, does the CH:00 reference come from the MENU selection No. 6 (ch00)? Also in Item 7, does the CH:01 stem from the previous step which selects MENU No. 3 - ch01 and vise versa? So for Item 7 - Step 2) after the Adjustment Mode Reset occurs, how does the CH:02 occur in Item 8/CH:03 in Item 10 and so on?

8245. Re: Receiver Section Adjustment questions...

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-08-31 23:51:34 UTC
From: va3fm
Topic: 8244 Message: 8245

--- In TS-850_450_690@yahoogroups.com, "va3fm" <va3fm@...> wrote:
>
> I would like some clarification on the Receiver Section Adjustment in the service manual (page 121) for some of the CH:xx references. for example Item 6, does the CH:00 reference come from the MENU selection No. 6 (ch00)? Also in Item 7, does the CH:01 stem from the previous step which selects MENU No. 3 - ch01 and vise versa? So for Item 7 - Step 2) after the Adjustment Mode Reset occurs, how does the CH:02 occur in Item 8/CH:03 in Item 10 and so on?
>
I failed to mentioned, this is for a TS-690

8246. Re: TS-850SAT Display Repair $1.39 Cents

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-09-01 12:22:05 UTC
From: ranges_2001
Topic: 8241 Message: 8246

--- In TS-850_450_690@yahoogroups.com, "a_borg" <a_borg@...> wrote:
>
> Okay here's an old familiar issue. My 850S serial number series # 21200xxx display went dead. To my surprise it had already been fixed before, but with this caveat. The C18 cap that leaks and eats up the trace was replaced with a 100uF 25v cap instead of the 470uF cap from the original circuit. There was also other repairs to the board. To

Hello

Is there a list somewhere of the Mouser #s for all the caps that need to be replaced.

Thanks, Randy
N4JZY

8247. Re: [TS-850_450_690] Re: TS-850SAT Display Repair $1.39 Cents

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-09-01 13:15:52 UTC
From: aborg
Topic: 8241 Message: 8247

Personal attachment sent.

Mike-KK4MS

a_borg@...

--- On Tue, 9/1/09, ranges_2001 <kd4jzy@...> wrote:

From: ranges_2001 <kd4jzy@...m>
Subject: [TS-850_450_690] Re: TS-850SAT Display Repair $1.39 Cents
To: TS-850_450_690@yahoogroups.com
Date: Tuesday, September 1, 2009, 8:22 AM

--- In TS-850_450_690@ yahoogroups. com, "a_borg" <a_borg@...> wrote:

>

> Okay here's an old familiar issue. My 850S serial number series # 21200xxx display went dead. To my surprise it had already been fixed before, but with this caveat. The C18 cap that leaks and eats up the trace was replaced with a 100uF 25v cap instead of the 470uF cap from the original circuit. There was also other repairs to the board. To

Hello

Is there a list somewhere of the Mouser #s for all the caps that need to be replaced.

Thanks, Randy

N4JZY

[Non-text portions of this message have been removed]

8248. Re: [TS-850_450_690] Re: TS-850SAT Display Repair $1.39 Cents

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-09-01 13:49:10 UTC
From: Zack Widup
Topic: 8241 Message: 8248

Hi Mike,

This group evidently doesn't allow attachments. I am interested too. Can you paste the data as text within your message body?

73, Zack W9SZ

On Tue, Sep 1, 2009 at 8:15 AM, aborg <a_borg@...> wrote:

>
>
> Personal attachment sent.
>
> Mike-KK4MS
>
> a_borg@... <a_borg%40yahoo.com>
>
> --- On Tue, 9/1/09, ranges_2001 <kd4jzy@... <kd4jzy%40gmail.com>>
> wrote:
>
> From: ranges_2001 <kd4jzy@... <kd4jzy%40gmail.com>>
> Subject: [TS-850_450_690] Re: TS-850SAT Display Repair $1.39 Cents
> To: TS-850_450_690@yahoogroups.com <TS-850_450_690%40yahoogroups.com>
> Date: Tuesday, September 1, 2009, 8:22 AM
>
>
>
> --- In TS-850_450_690@ yahoogroups. com, "a_borg" <a_borg@...> wrote:
>
> >
>
> > Okay here's an old familiar issue. My 850S serial number series #
> 21200xxx display went dead. To my surprise it had already been fixed before,
> but with this caveat. The C18 cap that leaks and eats up the trace was
> replaced with a 100uF 25v cap instead of the 470uF cap from the original
> circuit. There was also other repairs to the board. To
>
> Hello
>
> Is there a list somewhere of the Mouser #s for all the caps that need to be
> replaced.
>
> Thanks, Randy
>
> N4JZY
>

>
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>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

8249. Re: TS-850SAT Display Repair $1.39 Cents

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-09-01 14:52:42 UTC
From: ab2et
Topic: 8241 Message: 8249

I find EB5AGV's site to be an invaluable resource to the ham community, it is gratifying to find an individual who appreciates classic well designed radios who has the drive to keep them alive.
This in the new reality of many hams who are "downsizing" (getting older and retiring to smaller digs) and who are trying to keep our "vintage" gear working. Yes crew the TS-850 can be called vintage, but what a world class vintage!
I have found that his site with his pictures has assisted many in that pursuit.
Jose, Keep up the good work.
73's
AB2ET/4

--- In TS-850_450_690@yahoogroups.com, "a_borg" <a_borg@...> wrote:
>
> Okay here's an old familiar issue. My 850S serial number series # 21200xxx display went dead. To my surprise it had already been fixed before, but with this caveat. The C18 cap that leaks and eats up the trace was replaced with a 100uF 25v cap instead of the 470uF cap from the original circuit. There was also other repairs to the board. To keep this short, I replaced it with a $1.39 cent cap from Rat Shack. It still did not work. The original cap leak to the trace was cleaned before, but still no display. After pulling out the ohm meter I discovered the trace path from the positive side of C10 (470uF) cap to the transformer, even though there was no visible break was opened.
>
> I placed a jumper wire from the (+) plus side of the cap to the transformer solder point on the circuit and I have now display ignition.
> The five screws and mini flat ribbon cable to the display was a fantastic design scheme. That made the repair about 1 hour and half.
>
> My suggestion to replace this cap now, no matter what the serial number and save the headache and possible display board leak destruction now. A dumb monkey can do it, so what's your excuse. I have ordered the other capacitors that are known problems from mouser and I'm going to change them all. Here's repair info from the web that I used.
>
> " http://jvgavila.com/wb7.htm "
>
> That's my 2 cents. 73's
>
> Mike-KK4MS
>

8250. Re: [TS-850_450_690] Re: TS-850SAT Display Repair $1.39 Cents

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-09-01 15:56:53 UTC
From: aborg
Topic: 8241 Message: 8250

AB2ET,

Thanks for the ditto regarding the TS850S. It's a great radio, that with a little preventative maintenance can still be a great competitor. I have a colorized 3 ring binder of every mod, fix and tip on this radio.

73's

Mike-KK4MS

a_borg@...

--- On Tue, 9/1/09, ab2et <ab2et@...> wrote:

From: ab2et <ab2et@...>
Subject: [TS-850_450_690] Re: TS-850SAT Display Repair $1.39 Cents
To: TS-850_450_690@...m
Date: Tuesday, September 1, 2009, 10:52 AM

I find EB5AGV's site to be an invaluable resource to the ham community, it is gratifying to find an individual who appreciates classic well designed radios who has the drive to keep them alive.

This in the new reality of many hams who are "downsizing" (getting older and retiring to smaller digs) and who are trying to keep our "vintage" gear working. Yes crew the TS-850 can be called vintage, but what a world class vintage!

I have found that his site with his pictures has assisted many in that pursuit.

Jose, Keep up the good work.

73's

AB2ET/4

--- In TS-850_450_690@ yahoogroups. com, "a_borg" <a_borg@...> wrote:

>

> Okay here's an old familiar issue. My 850S serial number series # 21200xxx display went dead. To my surprise it had already been fixed before, but with this caveat. The C18 cap that leaks and eats up the trace was replaced with a 100uF 25v cap instead of the 470uF cap from the original circuit. There was also other repairs to the board. To keep this short, I replaced it with a $1.39 cent cap from Rat Shack. It still did not work. The original cap leak to the trace was cleaned before, but still no display. After pulling out the ohm meter I discovered the trace path from the positive side of C10 (470uF) cap to the transformer, even though there was no visible break was opened.

>

> I placed a jumper wire from the (+) plus side of the cap to the transformer solder point on the circuit and I have now display ignition.

> The five screws and mini flat ribbon cable to the display was a fantastic design scheme. That made the repair about 1 hour and half.

>

> My suggestion to replace this cap now, no matter what the serial number and save the headache and possible display board leak destruction now. A dumb monkey can do it, so what's your excuse. I have ordered the other capacitors that are known problems from mouser and I'm going to change them all. Here's repair info from the web that I used.

>

> " http://jvgavila. com/wb7.htm "

>

> That's my 2 cents. 73's

>

> Mike-KK4MS

>

[Non-text portions of this message have been removed]

8251. Re: Disable AIP?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-09-02 01:47:42 UTC
From: va3fm
Topic: 8220 Message: 8251

--- In TS-850_450_690@yahoogroups.com, Crownhaven <crownhaven@...> wrote:
>
> Is there a way to disable the AIP, but not permanently? I know once it
> is engaged, you can turn it off via the button on the front panel. And,
> you can enable it on a higher freq that does not automatically engage
> it. But, is there a way to make it not engage at all?
>
> I would like to scan through a series of memory channels without
> listening to the relays engage.
>
> Steve, N4JQQ
>

I thought the AIP setting was programmable for each memory channel?

8252. Re: [TS-850_450_690] Re: Disable AIP?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-09-02 11:34:05 UTC
From: Crownhaven
Topic: 8220 Message: 8252

Not that I'm aware of. It enables automatically below a certain
frequency. Tell me how you did it?????????

Steve, N4JQQ

va3fm wrote:
>
>
> --- In TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>, Crownhaven <crownhaven@...>
> wrote:
> >
> > Is there a way to disable the AIP, but not permanently? I know once it
> > is engaged, you can turn it off via the button on the front panel. And,
> > you can enable it on a higher freq that does not automatically engage
> > it. But, is there a way to make it not engage at all?
> >
> > I would like to scan through a series of memory channels without
> > listening to the relays engage.
> >
> > Steve, N4JQQ
> >
>
> I thought the AIP setting was programmable for each memory channel?
>
>

8253. Re: TS-850SAT Display Repair $1.39 Cents

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-09-02 14:59:47 UTC
From: clintws1v
Topic: 8241 Message: 8253

I also would like a copy of this list...if anyone has a copy can they post the info to the files area for others too download ?

Thanks,
Clint
WS1V

> >
> > Hello
> >
> > Is there a list somewhere of the Mouser #s for all the caps that need to be
> > replaced.
> >
> > Thanks, Randy
> >
> > N4JZY
> >
> >
>

8254. New file uploaded to TS-850_450_690

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-09-02 15:42:38 UTC
From: TS-850_450_690@yahoogroups.com
Topic: 421 Message: 8254

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the TS-850_450_690
group.

File : /Capacitors on the carrier board.doc
Uploaded by : a_borg <a_borg@...>
Description : Cap Replacement_Carrier_Display_Audio

You can access this file at the URL:
http://groups.yahoo.com/group/TS-850_450_690/files/Capacitors%20on%20the%20carrier%20board
.doc

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/general.htmlfiles

Regards,

a_borg <a_borg@...>

8255. Re: [TS-850_450_690] Re: TS-850SAT Display Repair $1.39 Cents

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-09-02 15:46:51 UTC
From: aborg
Topic: 8241 Message: 8255

Done++++++++++++

Mike-KK4MS

a_borg@...

--- On Wed, 9/2/09, clintws1v <clintws1v@...> wrote:

From: clintws1v <clintws1v@...>
Subject: [TS-850_450_690] Re: TS-850SAT Display Repair $1.39 Cents
To: TS-850_450_690@yahoogroups.com
Date: Wednesday, September 2, 2009, 10:59 AM

I also would like a copy of this list...if anyone has a copy can they post the info to the files area for others too download ?

Thanks,

Clint

WS1V

> >

> > Hello

> >

> > Is there a list somewhere of the Mouser #s for all the caps that need to be

> > replaced.

> >

> > Thanks, Randy

> >

> > N4JZY

> >

> >

>

[Non-text portions of this message have been removed]

8256. TS-790A IF output?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-09-02 15:53:02 UTC
From: Jordan
Topic: 8256 Message: 8256

Hi...Has anyone added an IF output tap to their TS-790A..?
Looking for a tap for the 10.695Mhz IF.....

73...Jordan VE6ZT

[Non-text portions of this message have been removed]

8257. Re: [TS-850_450_690] Re: TS-850SAT Display Repair $1.39 Cents

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-09-02 15:51:54 UTC
From: Jordan
Topic: 8241 Message: 8257

Can someone e-mail me a copy of the cap list too...? 73..Jordan VE6ZT

----- Original Message -----
From: aborg
To: TS-850_450_690@yahoogroups.com
Sent: Wednesday, September 02, 2009 9:46 AM
Subject: Re: [TS-850_450_690] Re: TS-850SAT Display Repair $1.39 Cents

Done++++++++++++

Mike-KK4MS

a_borg@...

--- On Wed, 9/2/09, clintws1v <clintws1v@...> wrote:

From: clintws1v <clintws1v@...>
Subject: [TS-850_450_690] Re: TS-850SAT Display Repair $1.39 Cents
To: TS-850_450_690@yahoogroups.com
Date: Wednesday, September 2, 2009, 10:59 AM

I also would like a copy of this list...if anyone has a copy can they post the info to the files area for others too download ?

Thanks,

Clint

WS1V

> >

> > Hello

> >

> > Is there a list somewhere of the Mouser #s for all the caps that need to be

> > replaced.

> >

> > Thanks, Randy

> >

> > N4JZY

> >

> >

>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

8258. Re: [TS-850_450_690] Re: Disable AIP?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-09-02 19:17:06 UTC
From: Dave ve3wej
Topic: 8220 Message: 8258

I do beleive that when the aip is set on, then the memory is set, the aip is set with that memory.....

just checked and yes, it does save in the same memory channel as the frequency is saved....

if you dont want it to set the aip on, hit m>vfo turn off the aip and then resave with m. in

Dave Garber
VE3WEJ

----- Original Message -----
From: Crownhaven
To: TS-850_450_690@yahoogroups.com
Sent: Wednesday, September 02, 2009 7:34 AM
Subject: Re: [TS-850_450_690] Re: Disable AIP?

Not that I'm aware of. It enables automatically below a certain
frequency. Tell me how you did it?????????

Steve, N4JQQ

va3fm wrote:
>
>
> --- In TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>, Crownhaven <crownhaven@...>
> wrote:
> >
> > Is there a way to disable the AIP, but not permanently? I know once it
> > is engaged, you can turn it off via the button on the front panel. And,
> > you can enable it on a higher freq that does not automatically engage
> > it. But, is there a way to make it not engage at all?
> >
> > I would like to scan through a series of memory channels without
> > listening to the relays engage.
> >
> > Steve, N4JQQ
> >
>
> I thought the AIP setting was programmable for each memory channel?
>
>

[Non-text portions of this message have been removed]

8259. Re: Disable AIP?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-09-02 23:02:29 UTC
From: Crownhaven
Topic: 8220 Message: 8259

Rich, I just tried your suggestion and you are 100% correct. I brought up a freq on the VFO, AIP enabled itself. I disabled and entered. No more AIP. However, now I'm thinking I might have been wrong (twice) and you are right again. It might be the bandpass filter switching that I am hearing. Still checking.

Thanks for your patience and taking the time to explain, help us out.

Steve, N4JQQ

ve3iay wrote:
> I am a thousand miles away from my TS850, so I can't check this for sure, but my recollection is that the *default* for the AIP switches automatically below 10 MHz, but that it's only a default. If you use the AIP button to turn AIP off on a particular band, for example, then the next time you switch to that band, if I have remembered correctly the AIP will be off regardless of what the default behaviour would have been.
>
> If my recollection is correct, you would simply turn AIP off on all bands, and then switching bands would not change its state. However, it is possible that the AIP state is remembered in individual programmable memories. If this is the case, you would have to turn AIP off *before* storing a frequency in memory in order to ensure that the AIP off state was remembered in that memory.
>
> Another thought: are you certain that the relay you are hearing is associated with the AIP? If it's the front end bandpass filter switching that you are hearing, nothing you do with AIP or any other controls is going to have any effect on it.
>
> 73,
> Rich VE3KI
>
>
> --- In TS-850_450_690@yahoogroups.com, Crownhaven <crownhaven@...> wrote:
>
>> Not that I'm aware of. It enables automatically below a certain
>> frequency. Tell me how you did it?????????
>>
>> Steve, N4JQQ
>>
>> va3fm wrote:
>>
>>>
>>>
>>> --- In TS-850_450_690@yahoogroups.com
>>> <mailto:TS-850_450_690%40yahoogroups.com>, Crownhaven <crownhaven@>
>>> wrote:
>>>

>>>> Is there a way to disable the AIP, but not permanently? I know once it
>>>> is engaged, you can turn it off via the button on the front panel. And,
>>>> you can enable it on a higher freq that does not automatically engage
>>>> it. But, is there a way to make it not engage at all?
>>>>
>>>> I would like to scan through a series of memory channels without
>>>> listening to the relays engage.
>>>>
>>>> Steve, N4JQQ
>>>>
>>>>
>>> I thought the AIP setting was programmable for each memory channel?
>>>
>>>
>>>
>
>
>
>

8260. Board updating - what Caps?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-09-05 15:10:04 UTC
From: Bill Maddock
Topic: 8260 Message: 8260

I have a TS-850SAT that needs the trimmer cap replaced. I am thinking that now would be a good time to replace the Caps that typically fail on the various boards. Does anyone have a list to go by?

Thanks and 73 de Bill N4ZI

[Non-text portions of this message have been removed]

8261. TS450S

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-09-05 18:31:56 UTC
From: M3CAD
Topic: 7959 Message: 8261

Hi its Dave M3CAD,
Have a problem with my radio, I switched it on lit up as normal then it gave out a three bleep error code and display went out, if any of the buttons or vfo are touched the readout comes on momentarily then sends bleeps again, there is no TX/rx while its like this, if the radio is left on for hour or so it comes back to life on its own and as long as its left on it will stay working, I have tried all the plugs I can see to check if any loose , I can hear a relay clicking when I push power button but nothing happens. I had it working all yesterday after the first problems but as soon as I switched it off it it refused to switch on again, anybody got any idea's?? the radio is a TS450S

No virus found in this outgoing message.
Checked by AVG - www.avg.com
Version: 8.5.409 / Virus Database: 270.13.78/2347 - Release Date: 09/05/09 05:51:00

[Non-text portions of this message have been removed]

8262. RE: [TS-850_450_690] TS450S

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-09-05 19:51:56 UTC
From: Andy Hearn
Topic: 7959 Message: 8262

Dave

Check the lithium battery behind the front panel first, when these go low can cause strange problems other than loosing memory. Have you done a full reset as well?

Does the display go out regardless of what original frequency was programmed in, if the PLL goes out of lock this is usually what happens. On mine this was due to drift over time of the VCO on bands above 21 MHz, using the service manual I recalibrated it to bring the control voltage back to its calibration point.

73

Andy G3UEQ

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com] On Behalf Of M3CAD
Sent: 05 September 2009 19:32
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] TS450S

Hi its Dave M3CAD,
Have a problem with my radio, I switched it on lit up as normal then it gave out a three bleep error code and display went out, if any of the buttons or vfo are touched the readout comes on momentarily then sends bleeps again, there is no TX/rx while its like this, if the radio is left on for hour or so it comes back to life on its own and as long as its left on it will stay working, I have tried all the plugs I can see to check if any loose , I can hear a relay clicking when I push power button but nothing happens. I had it working all yesterday after the first problems but as soon as I switched it off it it refused to switch on again, anybody got any idea's?? the radio is a TS450S

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[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

8263. Re: TS450S

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-09-06 01:21:32 UTC
From: w4jz
Topic: 7959 Message: 8263

--- In TS-850_450_690@yahoogroups.com, "M3CAD" <m3cad@...> wrote:
>
> Hi its Dave M3CAD,
> Have a problem with my radio, I switched it on lit up as normal then it gave out a three bleep error code and display went out, if any of the buttons or vfo are touched the readout comes on momentarily then sends bleeps again, there is no TX/rx while its like this, if the radio is left on for hour or so it comes back to life on its own and as long as its left on it will stay working, I have tried all the plugs I can see to check if any loose , I can hear a relay clicking when I push power button but nothing happens. I had it working all yesterday after the first problems but as soon as I switched it off it it refused to switch on again, anybody got any idea's?? the radio is a TS450S

My father in law's 450 acted kinda like that. No display, no receive or transmit. I took a cool it can, freon, & sprayed the 8.375 Mhz crystal in the CAR circuit & rig came alive. That was back in May & rig is still working fine today. I checked at CN3-1 with frequency meter & crystal was right on 8.375 Mhz. Guess crystal just needed to be awaken.

Reed
W4JZ

8264. Ts-850 car board

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-09-06 16:54:46 UTC
From: tim_luvs_dawn
Topic: 8264 Message: 8264

Hello all,I have been attempting a repair on my car board..C1 started leaking and burnt the board around it,I have replaced the bad cap and repaired the burned trace under it..All is fine now but there is still something amiss,I can put slight pressure on the board and the volume will go up and down just a bit and sometimes it does it on it's own..There is something loose on this board and i cannot find it..If anyone has any ideas please help..Or if anyone has one of these boards for sale please contact me.. at n4dxx@foothills.net Thank you

8265. RE: [TS-850_450_690] Ts-850 car board

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-09-06 17:19:34 UTC
From: Steve
Topic: 8264 Message: 8265

Did it eat through the internal traces on the PWB? Look around the area and check the schematic and PWB layout to see if there are signal traces that pass through the area. Of course I could be wrong if it is a simple 2 layer board.

Thanks,

Steve Restinetti

VA3FM / VE3SFV

<mailto:va3fm@...> va3fm@...

<mailto:ve3sfv@...> ve3sfv@...

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of tim_luvs_dawn
Sent: September 6, 2009 12:55 PM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] Ts-850 car board

Hello all,I have been attempting a repair on my car board..C1 started leaking and burnt the board around it,I have replaced the bad cap and repaired the burned trace under it..All is fine now but there is still something amiss,I can put slight pressure on the board and the volume will go up and down just a bit and sometimes it does it on it's own..There is something loose on this board and i cannot find it..If anyone has any ideas please help..Or if anyone has one of these boards for sale please contact me.. at n4dxx@... <mailto:n4dxx%40foothills.net> Thank you

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 8.5.409 / Virus Database: 270.13.80/2349 - Release Date: 09/06/09 05:51:00

[Non-text portions of this message have been removed]

8266. Re: Ts-850 car board

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-09-06 21:52:27 UTC
From: tim_luvs_dawn
Topic: 8264 Message: 8266

--- In TS-850_450_690@yahoogroups.com, "Steve" <va3fm@...> wrote:
>
> Did it eat through the internal traces on the PWB? Look around the area and
> check the schematic and PWB layout to see if there are signal traces that
> pass through the area. Of course I could be wrong if it is a simple 2 layer
> board.
>
>
>
>
>
> Thanks,
>
> Steve Restinetti
>
> VA3FM / VE3SFV
>
> <mailto:va3fm@...> va3fm@...
>
> <mailto:ve3sfv@...> ve3sfv@...
>
>
>
> From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
> On Behalf Of tim_luvs_dawn
> Sent: September 6, 2009 12:55 PM
> To: TS-850_450_690@yahoogroups.com
> Subject: [TS-850_450_690] Ts-850 car board
>
>
>
>
>
> Hello all,I have been attempting a repair on my car board..C1 started
> leaking and burnt the board around it,I have replaced the bad cap and
> repaired the burned trace under it..All is fine now but there is still
> something amiss,I can put slight pressure on the board and the volume will
> go up and down just a bit and sometimes it does it on it's own..There is
> something loose on this board and i cannot find it..If anyone has any ideas
> please help..Or if anyone has one of these boards for sale please contact
> me.. at n4dxx@... <mailto:n4dxx%40foothills.net> Thank you
>
>
>
> No virus found in this incoming message.

> Checked by AVG - www.avg.com
> Version: 8.5.409 / Virus Database: 270.13.80/2349 - Release Date: 09/06/09
> 05:51:00
>
>
>
> [Non-text portions of this message have been removed]
>
I do believe it's just 2 sided with plated thru holes..I am gonna investigate
further..Thank's

8267. Re: Receiver Section Adjustment questions...

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-09-07 15:35:41 UTC
From: va3fm
Topic: 8244 Message: 8267

Any help from anyone on this matter would be very much appreciated! 73 de VA3FM

8268. TS 450SAT

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-09-07 18:44:42 UTC
From: fire1_47348
Topic: 8268 Message: 8268

Looking for an IF board for a 450. Any ideas where I might find one?

Gene WB9HLA

8269. RE: [TS-850_450_690] TS 450SAT

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-09-07 20:54:47 UTC
From: Andy Hearn
Topic: 8268 Message: 8269

Gene

I have a spare, just need to find it and check it out, it was new and had
the filters (standard) fitted.

Andy G3UEQ

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of fire1_47348
Sent: 07 September 2009 19:45
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] TS 450SAT

Looking for an IF board for a 450. Any ideas where I might find one?

Gene WB9HLA

[Non-text portions of this message have been removed]

8270. And another new guy!

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-09-07 21:51:50 UTC
From: ke7onz
Topic: 8270 Message: 8270

Greetings all. I'll be taking delivery of my TS-450S around the end of this week. Finally decided to take the plunge into HF. Why the 450? Budget constraints had a lot to do with it. I also happen to like the rigs from around 1990, give or take. They seem more solidly built than most of the newer units and components can be soldered and de-soldered when necessary. A guy like me who believes radio works mainly via sorcery can actually perform adjustments and make minor repairs and mods like battery replacement/relocation. For the time being, I'll be mostly in the listen and learn mode.

Better to remain silent and be thought a fool than to speak up and remove all doubt.

Bill KE7ONZ

8271. 850 alc problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-09-08 20:50:12 UTC
From: rupert walford
Topic: 8271 Message: 8271

Checked the carrier board noticed the caps were leaking,had tham replaced with the recommended ones,the problem i have i don't no if i had it before because i always had the meter on the swr position,switcing the meter to alc and keying the rig i noticed the alc went to full scale on both usb and lsb on 20 meters,checked antenna turned mic and power all the way to thhe left same thing alc all the way to the right,hooked up a dummy load same thing,any help with correcting problem would be appreciated.
Rupert
6y5rw

[Non-text portions of this message have been removed]

8272. TS-850 for sale

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-09-09 03:01:22 UTC
From: kp4cat
Topic: 8272 Message: 8272

Hi group:
I just decided to upgrade to a TS-2000 and i need to clean the room. I decided to sell my ts-850, and posted here first because i want gave all of you the first change.

The radio is in excellent condition. Cosmetically is an 8.5. The radio only have those issues. First the tuner can not tune anything on 10 meters, the power output in 10 is less than 5 watts. In 20, 40 and 80 meters the radio works excellent. Power output on 20 is 80 watts and on 40 and 80 the output is 130 watts or little less. The other issue is that the display shows unreadable numbers. All lights on the display and the radio works fine.

The radio comes with power cord, user manual and a mint condition MC 80 microphone. The mic is in mint condition, came with a brand new wind screen and manual in the original box. I'm asking $375.00 plus shipping from Puerto Rico (00610). Please messages to my email ; kp4cat@.... I want to keep all communications out of the reflector.

Thanks.............

8273. ts850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-09-10 21:28:56 UTC
From: rupert walford
Topic: 8273 Message: 8273

Could someone tell me whats the value of VR7 on the filter board,board # x44-3120-00

rupert 6y5rw

[Non-text portions of this message have been removed]

8274. Re: [TS-850_450_690] ts850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-09-10 23:13:02 UTC
From: Dave ve3wej
Topic: 8273 Message: 8274

47k

----- Original Message -----
From: rupert walford
To: TS-850_450_690@yahoogroups.com
Sent: Thursday, September 10, 2009 5:28 PM
Subject: [TS-850_450_690] ts850

Could someone tell me whats the value of VR7 on the filter board,board # x44-3120-00

rupert 6y5rw

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

8275. Re: [TS-850_450_690] ts850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-09-10 22:59:41 UTC
From: Antonio M.
Topic: 8273 Message: 8275

Vr 7 & 8 47K

check service anual page 64

2009/9/10 rupert walford <elvyn@...>

>
>
> Could someone tell me whats the value of VR7 on the filter board,board #
> x44-3120-00
>
> rupert 6y5rw
>
> [Non-text portions of this message have been removed]
>
>
>

--
ATT:

Antonio M. Dorta
ElectroSat TV S.L.

[Non-text portions of this message have been removed]

8276. For Sale: Beautiful TS-450s A/T

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-09-10 21:17:51 UTC
From: n4dfp
Topic: 8276 Message: 8276

For sale, a beautiful TS-450s A/T. This has the original 2 filters only. I no longer have the manual but I will include all manuals and other info I can find on a CD. I have have had this radio for about 3 years and have made contacts around the world using nothing more than my AB-5 spider mounted on a tower. Included will be a microphone with an 8 pin plug. It is not wired for a Kenwood, but this shouldn't be a problem for a ham ;). Also Included will be an Astron RS-35m power supply. I am getting rid of my baby only because of financial hardship. My bad luck is your good. I am located in Cassatt, SC. My Phone number is 803-425-8199. UPS Shipping to anywhere CONUS is included in the 500.00 purchase

Type: Amateur HF transceiver
Frequency range: TX: 10-160 m + WARC
RX: 0.5-30 MHz
Mode: AM/FM/SSB/CW
RF Power output: Max 100 W
Sensitivity: N/A
Selectivity: N/A
Image rejection: N/A
Voltage: 13.8 VDC
Current drain: RX: ? A
TX: Max 20 AM
Impedance: 50 ohms, SO-239
Dimensions (W*H*D): 270*96*305 mm
Weight: 7.5 Kg
Manufactured: 198x-199x

Asking: 500.00

8277. The poor man's TCXO for the TS450?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-09-10 23:52:40 UTC
From: Josh Gibbs
Topic: 8277 Message: 8277

Greetings,

I am wondering if anyone in this group has installed a Kuhne Electronics crystal heater in their TS-450? If so, can you tell me how you did it and how well it worked out?

I found this page:

http://tk5ep.free.fr/tech/ts850/tcxo/en/tcxo_g.php

It looks like a pretty easy mod. Anything I am missing?

Thanks.

-Josh
KD7PAJ

8278. ZLP CAT Interface

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-09-11 02:24:28 UTC
From: Crownhaven
Topic: 8278 Message: 8278

I have a ZLP CAT interface cable for the Kenwood TS-850/450/690. No instructions came with it. Web page says it is plug and play. Am I missing anything here???? I can simply connect this to my computer and control the 850/450/690 via software? Any settings in the radio's menu? I would love to hear from someone who might be using one. ZLP says direct replacement for IF-232. Sorry to be such a bone-head but the cable came with a TS-850S I bought last year. Also noticed the seller included four of the YM6631 modules which he said he bought in case the ones in the radio ever failed. Are these the parts that are no longer available???????

I also have an INRAD #104 400 Hz filter for sale as well as an INRAD #22 250 Hz filter. I would actually like to find an INRAD SSB filter to replace the 250 filter as I find the 400 Hz filters work fine for me.

Regards,

Steve, N4JQQ

8279. Re: ZLP CAT Interface

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-09-11 02:42:11 UTC
From: ah6rr1
Topic: 8278 Message: 8279

Aloha Steve,
I have one of the ZLP cables I am using with my TS-850 and it works just fine and it is plug and play. I use it with HRD and it has no issues at all.
73
Roland AH6RR

--- In TS-850_450_690@yahoogroups.com, Crownhaven <crownhaven@...> wrote:
>
> I have a ZLP CAT interface cable for the Kenwood TS-850/450/690. No
> instructions came with it. Web page says it is plug and play. Am I
> missing anything here???? I can simply connect this to my computer and
> control the 850/450/690 via software? Any settings in the radio's
> menu? I would love to hear from someone who might be using one. ZLP
> says direct replacement for IF-232. Sorry to be such a bone-head but
> the cable came with a TS-850S I bought last year. Also noticed the
> seller included four of the YM6631 modules which he said he bought in
> case the ones in the radio ever failed. Are these the parts that are no
> longer available???????
>
> I also have an INRAD #104 400 Hz filter for sale as well as an INRAD #22
> 250 Hz filter. I would actually like to find an INRAD SSB filter to
> replace the 250 filter as I find the 400 Hz filters work fine for me.
>
> Regards,
>
> Steve, N4JQQ
>

8280. Re: [TS-850_450_690] Re: ZLP CAT Interface

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-09-11 12:07:52 UTC
From: Crownhaven
Topic: 8278 Message: 8280

Roland, thanks very much.

Steve, N4JQQ

ah6rr1 wrote:
>
>
> Aloha Steve,
> I have one of the ZLP cables I am using with my TS-850 and it works
> just fine and it is plug and play. I use it with HRD and it has no
> issues at all.
> 73
> Roland AH6RR
>
> --- In TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>, Crownhaven <crownhaven@...>
> wrote:
> >
> > I have a ZLP CAT interface cable for the Kenwood TS-850/450/690. No
> > instructions came with it. Web page says it is plug and play. Am I
> > missing anything here???? I can simply connect this to my computer and
> > control the 850/450/690 via software? Any settings in the radio's
> > menu? I would love to hear from someone who might be using one. ZLP
> > says direct replacement for IF-232. Sorry to be such a bone-head but
> > the cable came with a TS-850S I bought last year. Also noticed the
> > seller included four of the YM6631 modules which he said he bought in
> > case the ones in the radio ever failed. Are these the parts that are no
> > longer available???????
> >
> > I also have an INRAD #104 400 Hz filter for sale as well as an INRAD
> #22
> > 250 Hz filter. I would actually like to find an INRAD SSB filter to
> > replace the 250 filter as I find the 400 Hz filters work fine for me.
> >
> > Regards,
> >
> > Steve, N4JQQ
> >
>
>

8281. Re: [TS-850_450_690] ZLP CAT Interface

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-09-11 13:34:38 UTC
From: CT1EEK Nuno
Topic: 8278 Message: 8281

I've mine ZPL CAT Cable working 100% in several logging sftware wit my TS-850.

Did you check the right COM port?

Or are you using a rs232 to USB cable converter?

Nuno CT1EEK
IM59HD

----- Original Message -----
From: Crownhaven
To: TS-850
Sent: Friday, September 11, 2009 3:24 AM
Subject: [TS-850_450_690] ZLP CAT Interface

I have a ZLP CAT interface cable for the Kenwood TS-850/450/690. No instructions came with it. Web page says it is plug and play. Am I missing anything here???? I can simply connect this to my computer and control the 850/450/690 via software? Any settings in the radio's menu? I would love to hear from someone who might be using one. ZLP says direct replacement for IF-232. Sorry to be such a bone-head but the cable came with a TS-850S I bought last year. Also noticed the seller included four of the YM6631 modules which he said he bought in case the ones in the radio ever failed. Are these the parts that are no longer available???????

I also have an INRAD #104 400 Hz filter for sale as well as an INRAD #22 250 Hz filter. I would actually like to find an INRAD SSB filter to replace the 250 filter as I find the 400 Hz filters work fine for me.

Regards,

Steve, N4JQQ

[Non-text portions of this message have been removed]

8282. Re: ZLP CAT Interface

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-09-11 20:37:11 UTC
From: tommy77@btopenworld.com
Topic: 8278 Message: 8282

hi where can one purchase one of these zpl cat interfaces
Thanks Tommy
--- In TS-850_450_690@yahoogroups.com, Crownhaven <crownhaven@...> wrote:
>
> I have a ZLP CAT interface cable for the Kenwood TS-850/450/690. No
> instructions came with it. Web page says it is plug and play. Am I
> missing anything here???? I can simply connect this to my computer and
> control the 850/450/690 via software? Any settings in the radio's
> menu? I would love to hear from someone who might be using one. ZLP
> says direct replacement for IF-232. Sorry to be such a bone-head but
> the cable came with a TS-850S I bought last year. Also noticed the
> seller included four of the YM6631 modules which he said he bought in
> case the ones in the radio ever failed. Are these the parts that are no
> longer available???????
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> I also have an INRAD #104 400 Hz filter for sale as well as an INRAD #22
> 250 Hz filter. I would actually like to find an INRAD SSB filter to
> replace the 250 filter as I find the 400 Hz filters work fine for me.
>
> Regards,
>
> Steve, N4JQQ
>

8283. RE: [TS-850_450_690] The poor man's TCXO for the TS450?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-09-11 20:49:57 UTC
From: g3ueq@talktalk.net
Topic: 8277 Message: 8283

Josh
It should work pretty well by running the crystal at a higher temp than it will ever get to with ambient temperature variations in the rig. The only downside is that the crystal is not optimised for the heater temperature, proper oven crystals have a turn over temperature that the heater matches. You might have to recal the oscillator after fitting the heater as the crystal will be running at the higher end of its temperature tolerance and could be quite a few ppm off.With some crystals this can change the ESR and sometimes the oscillator will not start, but with modern crystals this is very rare.
My company used to make these heaters but with low power DTCXO's these became obsolete commercially. You should achieve stability of the order of +/- 1-2ppm.
Andy G3UEQ

Original Message:

From: Josh Gibbs gibbsjj@...
Date: Thu, 10 Sep 2009 16:52:40 -0700
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] The poor man's TCXO for the TS450?

Greetings,

I am wondering if anyone in this group has installed a Kuhne Electronics crystal heater in their TS-450? If so, can you tell me how you did it and how well it worked out?

I found this page:

http://tk5ep.free.fr/tech/ts850/tcxo/en/tcxo_g.php

It looks like a pretty easy mod. Anything I am missing?

Thanks.

-Josh
KD7PAJ

----
mail2web.com - Microsoft® Exchange solutions from a leading provider -
http://link.mail2web.com/Business/Exchange

8284. Re: ZLP CAT Interface

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-09-11 22:19:22 UTC
From: ah6rr1
Topic: 8278 Message: 8284

Aloha Tommy,
You can find them here. http://www.g4zlp.co.uk/unified/KenwoodCAT.shtml
73
Roland AH6RR

--- In TS-850_450_690@yahoogroups.com, "tommy77@..." <tommy77@...> wrote:
>
> hi where can one purchase one of these zpl cat interfaces
> Thanks Tommy
> --- In TS-850_450_690@yahoogroups.com, Crownhaven <crownhaven@> wrote:
> >
> > I have a ZLP CAT interface cable for the Kenwood TS-850/450/690. No
> > instructions came with it. Web page says it is plug and play. Am I
> > missing anything here???? I can simply connect this to my computer and
> > control the 850/450/690 via software? Any settings in the radio's
> > menu? I would love to hear from someone who might be using one. ZLP
> > says direct replacement for IF-232. Sorry to be such a bone-head but
> > the cable came with a TS-850S I bought last year. Also noticed the
> > seller included four of the YM6631 modules which he said he bought in
> > case the ones in the radio ever failed. Are these the parts that are no
> > longer available???????
> >
> > I also have an INRAD #104 400 Hz filter for sale as well as an INRAD #22
> > 250 Hz filter. I would actually like to find an INRAD SSB filter to
> > replace the 250 filter as I find the 400 Hz filters work fine for me.
> >
> > Regards,
> >
> > Steve, N4JQQ
> >
>

8285. Re: [TS-850_450_690] Re: ZLP CAT Interface

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-09-11 22:28:17 UTC
From: Crownhaven
Topic: 8278 Message: 8285

http://www.g4zlp.co.uk/index.shtml

tommy77@... wrote:
>
>
> hi where can one purchase one of these zpl cat interfaces
> Thanks Tommy
> --- In TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>, Crownhaven <crownhaven@...>
> wrote:
> >
> > I have a ZLP CAT interface cable for the Kenwood TS-850/450/690. No
> > instructions came with it. Web page says it is plug and play. Am I
> > missing anything here???? I can simply connect this to my computer and
> > control the 850/450/690 via software? Any settings in the radio's
> > menu? I would love to hear from someone who might be using one. ZLP
> > says direct replacement for IF-232. Sorry to be such a bone-head but
> > the cable came with a TS-850S I bought last year. Also noticed the
> > seller included four of the YM6631 modules which he said he bought in
> > case the ones in the radio ever failed. Are these the parts that are no
> > longer available???????
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> > I also have an INRAD #104 400 Hz filter for sale as well as an INRAD
> #22
> > 250 Hz filter. I would actually like to find an INRAD SSB filter to
> > replace the 250 filter as I find the 400 Hz filters work fine for me.
> >
> > Regards,
> >
> > Steve, N4JQQ
> >
>
>

8286. ZLP CAT cable source

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-09-11 22:28:06 UTC
From: Ron Finger
Topic: 8286 Message: 8286

Hi Tommy,
Like Roland said, you can get your cable, and other interfaces for your radios at ZLP. They have solutions for simple rig control (like the cables), as well as interfaces for digital work (RTTY, PSK, FSK, etc.).
Also check out WestMountainRadio.com for their RIGblaster stuff. It costs a little more, but requires no special DIN cables, does rig control AND ALL digital modes, and can move with you between different radios and makers.
73¹ Ron KDØGOP

[Non-text portions of this message have been removed]

8287. Re: [TS-850_450_690] ZLP CAT Interface

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-09-12 00:59:59 UTC
From: Anthony W. DePrato
Topic: 8278 Message: 8287

>Steve

i have the same setup with 850's and 950's and that is all you do
plug it in and then go to the software you are using and set
to Kenwood and 4800 8 n 2 and you are good to go. what software are
you running ? n1mm dxlab hrl ?

73 Tony

QBE ZUT DE WA4JQS

ANTHONY W. (Tony) DePrato WA4JQS EXTRA - HEAVY
Since 1962
CQ DX HALL OF FAME # 35
DXCC HONOR ROLL - 340
A1-OP FISTS # 10573 SKCC #1227 F.O.P. LODGE 68
DXCC PHONE- DXCC CW- DXCC RTTY- DXCC MIXED-5BDXCC
DXCC 80, 40, 20, 15, 10 METERS WAC SSB WAC CW WAC RTTY WAC SAT
South Sandwich Island Dxpedition Group
CALLS HELD:
WA4JQS/ZS1, WA4JQS/KC4, WA4JQS/4K1
ZD8JQS, V31SS, VP8BZL, VP8SSI, 3Y0PI

[Non-text portions of this message have been removed]

8288. Re: [TS-850_450_690] Re: ZLP CAT Interface

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-09-12 03:51:20 UTC
From: Tom Osborne
Topic: 8278 Message: 8288

Hi Tommy

Just go to ebay and search G4ZLP. He should have one for your radio. I have 3 of them here, 2 for Kenwood and one for Yaesu and they all work great. Six days shipping from the U.K to Oregon.

I also had a problem where one of my Kenwoods quit working. I emailed Neal and he had another cable in the mail to me before I even sent mine back. Found it was the radio not the cable. 73
Tom W7WHY

> hi where can one purchase one of these zpl cat interfaces
> Thanks Tommy
> --- In TS-850_450_690@yahoogroups.com, Crownhaven <crownhaven@...> wrote:
>>
>> I have a ZLP CAT interface cable for the Kenwood TS-850/450/690. No
>> instructions came with it. Web page says it is plug and play. Am I
>> missing anything here???? I can simply connect this to my computer and
>> control the 850/450/690 via software? Any settings in the radio's
>> menu? I would love to hear from someone who might be using one. ZLP
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>> the cable came with a TS-850S I bought last year. Also noticed the
>> seller included four of the YM6631 modules which he said he bought in
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>> I also have an INRAD #104 400 Hz filter for sale as well as an INRAD #22
>> 250 Hz filter. I would actually like to find an INRAD SSB filter to
>> replace the 250 filter as I find the 400 Hz filters work fine for me.
>>
>> Regards,
>>
>> Steve, N4JQQ
>>
>
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>
>

8289. New Kenwood TS850S Super VFO Tuning Knob

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-09-12 18:31:17 UTC
From: aborg
Topic: 8289 Message: 8289

Are you tired of that puny lightweight main tuning knob on your TS850S behold the "HULK" knob. It adds that need age radio look on most of the newer generation radios, more weight and very smooth turning. Sorry for the crappy Blackberry pictures, but new ones are coming. You can have thi baby for $25.00 shipped in the CONUS. Just send your knob, signed receipt and I'll ship back this beauty to you.

Mike-KK4MS
a_borg@...

[Non-text portions of this message have been removed]

8290. Re: [TS-850_450_690] Re: ZLP CAT Interface

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-09-12 19:18:02 UTC
From: TOM LYONS
Topic: 8278 Message: 8290

Hi all that replied reference zlp lead
Tommy

From: ah6rr1 <Toesonnose@...>
To: TS-850_450_690@yahoogroups.com
Sent: Friday, 11 September, 2009 11:19:22 PM
Subject: [TS-850_450_690] Re: ZLP CAT Interface

Aloha Tommy,
You can find them here. http://www.g4zlp. co.uk/unified/ KenwoodCAT. shtml
73
Roland AH6RR

--- In TS-850_450_690@ yahoogroups. com, "tommy77@... " <tommy77@... > wrote:
>
> hi where can one purchase one of these zpl cat interfaces
> Thanks Tommy
> --- In TS-850_450_690@ yahoogroups. com, Crownhaven <crownhaven@ > wrote:
> >
> > I have a ZLP CAT interface cable for the Kenwood TS-850/450/690. No
> > instructions came with it. Web page says it is plug and play. Am I
> > missing anything here???? I can simply connect this to my computer and
> > control the 850/450/690 via software? Any settings in the radio's
> > menu? I would love to hear from someone who might be using one. ZLP
> > says direct replacement for IF-232. Sorry to be such a bone-head but
> > the cable came with a TS-850S I bought last year. Also noticed the
> > seller included four of the YM6631 modules which he said he bought in
> > case the ones in the radio ever failed. Are these the parts that are no
> > longer available??? ????
> >
> > I also have an INRAD #104 400 Hz filter for sale as well as an INRAD #22
> > 250 Hz filter. I would actually like to find an INRAD SSB filter to
> > replace the 250 filter as I find the 400 Hz filters work fine for me.
> >
> > Regards,
> >
> > Steve, N4JQQ
> >
>

[Non-text portions of this message have been removed]

8291. Re: [TS-850_450_690] New Kenwood TS850S Super VFO Tuning Knob

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-09-12 19:27:29 UTC
From: aborg
Topic: 8289 Message: 8291

Sorry, forgot to mention I placed a crude blackberry photo in the photo section.

Mike-KK4MS

a_borg@...

--- On Sat, 9/12/09, aborg <a_borg@yahoo.com> wrote:

From: aborg <a_borg@...>
Subject: [TS-850_450_690] New Kenwood TS850S Super VFO Tuning Knob
To: TS-850_450_690@yahoogroups.com
Date: Saturday, September 12, 2009, 2:31 PM

Are you tired of that puny lightweight main tuning knob on your TS850S behold the "HULK" knob. It adds that need age radio look on most of the newer generation radios, more weight and very smooth turning. Sorry for the crappy Blackberry pictures, but new ones are coming. You can have thi baby for $25.00 shipped in the CONUS. Just send your knob, signed receipt and I'll ship back this beauty to you.

Mike-KK4MS

a_borg@yahoo. com

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

8292. Re: Fw: [TS-850_450_690] New Kenwood TS850S Super VFO Tuning Knob

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-09-12 19:26:06 UTC
From: aborg
Topic: 8292 Message: 8292

I have a not so good photo I snapped with my blackberry in the photo section.. I will get a new camera battery today and place some better photos in the photo section.

Mike-KK4MS
a_borg@...

--- On Sat, 9/12/09, WN9D wrote:

From: WN9D
Subject: Fw: [TS-850_450_690] New Kenwood TS850S Super VFO Tuning Knob
To: "aborg"
Date: Saturday, September 12, 2009, 3:13 PM

Do you have any photos?

Randy WN9D

----- Original Message -----
From: aborg

To: TS-850_450_690@yahoogroups.com

Sent: Saturday, September 12, 2009 1:31 PM

Subject: [TS-850_450_690] New Kenwood TS850S Super VFO Tuning Knob

Are you tired of that puny lightweight main tuning knob on your TS850S behold the "HULK" knob. It adds that need age radio look on most of the newer generation radios, more weight and very smooth turning. Sorry for the crappy Blackberry pictures, but new ones are coming. You can have thi baby for $25.00 shipped in the CONUS. Just send your knob, signed receipt and I'll ship back this beauty to you.

Mike-KK4MS
a_borg@yahoo. com

[Non-text portions of this message have been removed]

8293. Re: New Kenwood TS850S Super VFO Tuning Knob

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-09-12 19:20:59 UTC
From: va3fm
Topic: 8289 Message: 8293

--- In TS-850_450_690@yahoogroups.com, aborg <a_borg@...> wrote:
>
> Are you tired of that puny lightweight main tuning knob on your TS850S behold the "HULK" knob. It adds that need age radio look on most of the newer generation radios, more weight and very smooth turning. Sorry for the crappy Blackberry pictures, but new ones are coming. You can have thi baby for $25.00 shipped in the CONUS. Just send your knob, signed receipt and I'll ship back this beauty to you.
>
>
> Mike-KK4MS
> a_borg@...
>
>
>
>
> [Non-text portions of this message have been removed]
>
Umm...where are the pics and explain your process of sending the knob and receipt? Where are you talking about?

8294. Re: [TS-850_450_690] Re: New Kenwood TS850S Super VFO Tuning Knob

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-09-12 23:15:32 UTC
From: aborg
Topic: 8289 Message: 8294

The photo is in the photo section. I also placed the ad at qth.com. Search for the hulk knob under hf transceiver.

Mike-KK4MS

a_borg@...

--- On Sat, 9/12/09, va3fm <va3fm@...> wrote:

From: va3fm <va3fm@hotmail.com>
Subject: [TS-850_450_690] Re: New Kenwood TS850S Super VFO Tuning Knob
To: TS-850_450_690@yahoogroups.com
Date: Saturday, September 12, 2009, 3:20 PM

--- In TS-850_450_690@ yahoogroups. com, aborg <a_borg@...> wrote:

>

> Are you tired of that puny lightweight main tuning knob on your TS850S behold the "HULK" knob. It adds that need age radio look on most of the newer generation radios, more weight and very smooth turning. Sorry for the crappy Blackberry pictures, but new ones are coming. You can have thi baby for $25.00 shipped in the CONUS. Just send your knob, signed receipt and I'll ship back this beauty to you.

>

>

> Mike-KK4MS

> a_borg@...

>

>

>

>

> [Non-text portions of this message have been removed]

>

Umm...where are the pics and explain your process of sending the knob and receipt? Where are you talking about?

[Non-text portions of this message have been removed]

8295. I like the Finger-Dimple...

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-09-13 05:02:10 UTC
From: Steve Gehring
Topic: 8295 Message: 8295

I love the finger-dimple on my TS-850Sat. It's a bomb!

http://www.fingerdimple.com/

NL7W

No virus found in this outgoing message.
Checked by AVG - www.avg.com
Version: 8.5.409 / Virus Database: 270.13.94/2366 - Release Date: 09/12/09 17:50:00

[Non-text portions of this message have been removed]

8296. Re:I like the Finger-Dimple...

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-09-13 11:05:38 UTC
From: J.Alexander Tschapka
Topic: 8295 Message: 8296

So do I

Using with TS-850 and TS-950 SDX, work very fine and smooth

73 Alex, OE3JTB

[Non-text portions of this message have been removed]

8297. Re: New Kenwood TS850S Super VFO Tuning Knob

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-09-14 00:50:19 UTC
From: ve3tmt
Topic: 8289 Message: 8297

Personally I think it looks ridiculous.

Max
VE3TMT

8298. Re: [TS-850_450_690] Re: New Kenwood TS850S Super VFO Tuning Knob

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-09-14 01:42:44 UTC
From: Gary K9GS
Topic: 8289 Message: 8298

I agree Max...I don't see the point.

73,

Gary K9GS
++
K9GS
Gary Schwartz email: k9gs (at) arrl.net
Check out K9NS on the web: http://www.k9ns.com
Society of Midwest Contesters (SMC) http://www.w9smc.com/
GMDXA http://www.eng.mu.edu/gmdxa/
++

----- Original Message -----
From: "ve3tmt" <ve3tmt@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Sunday, September 13, 2009 7:50 PM
Subject: [TS-850_450_690] Re: New Kenwood TS850S Super VFO Tuning Knob

> Personally I think it looks ridiculous.
>
> Max
> VE3TMT
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>

8299. Re: [TS-850_450_690] Re: New Kenwood TS850S Super VFO Tuning Knob

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-09-14 02:19:16 UTC
From: Jack
Topic: 8289 Message: 8299

Gary and Max,

I appreciate his effort on the VFO knob but my 'fingerdimple' works and looks just right on my '850.

73,
Jack
N3JLW

8300. Re: [TS-850_450_690] Re: New Kenwood TS850S Super VFO Tuning Knob

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-09-14 02:51:57 UTC
From: Bob Snelgrove
Topic: 8289 Message: 8300

My 850 doesn't have a dimple??

bob

----- Original Message -----
From: Jack
To: TS-850_450_690@yahoogroups.com
Sent: Sunday, September 13, 2009 07:19
Subject: Re: [TS-850_450_690] Re: New Kenwood TS850S Super VFO Tuning Knob

Gary and Max,

I appreciate his effort on the VFO knob but my 'fingerdimple' works and
looks just right on my '850.

73,
Jack
N3JLW

[Non-text portions of this message have been removed]

8301. Re: [TS-850_450_690] Re: New Kenwood TS850S Super VFO Tuning Knob

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-09-14 02:55:58 UTC
From: Gary K9GS
Topic: 8289 Message: 8301

http://www.fingerdimple.com/

I don't have one of these but I love the idea...gonna get me one.
73,

Gary K9GS
++
K9GS
Gary Schwartz email: k9gs (at) arrl.net
Check out K9NS on the web: http://www.k9ns.com
Society of Midwest Contesters (SMC) http://www.w9smc.com/
GMDXA http://www.eng.mu.edu/gmdxa/
++

----- Original Message -----
From: "Bob Snelgrove" <bob@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Sunday, September 13, 2009 9:51 PM
Subject: Re: [TS-850_450_690] Re: New Kenwood TS850S Super VFO Tuning Knob

> My 850 doesn't have a dimple??
>
>
> bob
>
>
> ----- Original Message -----
> From: Jack
> To: TS-850_450_690@yahoogroups.com
> Sent: Sunday, September 13, 2009 07:19
> Subject: Re: [TS-850_450_690] Re: New Kenwood TS850S Super VFO Tuning
> Knob
>
>
> Gary and Max,
>
> I appreciate his effort on the VFO knob but my 'fingerdimple' works and
> looks just right on my '850.
>
> 73,
> Jack
> N3JLW
>
>
>

>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>

8302. Re: [TS-850_450_690] Re: New Kenwood TS850S Super VFO Tuning Knob

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-09-14 03:17:21 UTC
From: Jack
Topic: 8289 Message: 8302

Hi Gary,

Good call, the 'Finger Dimples' come in sets of 2. They are either available in black or the characteristic dark grey that Kenwood uses. Just make sure that you clean the spot on the knob face where you are going to apply the dimple. I used alcohol and my dimple has endured daily workouts for about three years now without falling off. Very solid feel and a great product at a great price. Have fun.

73,
Jack
N3JLW

8303. Need help with display dots pll unlock error on TS450sat

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-09-14 03:24:36 UTC
From: JP
Topic: 8303 Message: 8303

I have been searching the forums with little success (see bottom). I am asking for help from the brain trust :-D

Here are the numbers from my voltage testing. I assume that TP1/2 is the lonely pin sticking up that you test with, if not, then ignore my numbers and kindly tell me where to stick it... the probe that is.

30k, tp1, .5~.8v
7.499, tp1, .75v
7.5, tp1, .75~.78v
14.499, tp1, .6v
14.5, tp1, .6v
21.499, tp1, .55v
21.5, tp1, .55v
30, tp1, .56v
30, tp2, 3.95v

I am using a digital voltmeter and I tried these measurements in autorange and fixed just to be certain. I let the radio warm up for half an hour or so, then took the cover off and fired it up and did the tests during this time period. All the while, it is hooked to a 12v, 22ah AGM battery with a steady 12.5v, I also tried with a 7ah battery that was also fully charged just to be sure.

The radio seemed to stay unlocked for a while in one of those frequencies but I didn't notice which since I had the speaker disconnected and didn't hear it come on. The PLL error is on all bands. It started once a few months ago and I thought it was just a low battery, because the next day it was gone. It now comes and goes, but mostly stays.

I have the adjustement section page (thanks for posting that!), and I used it as a worksheet. I don't have an o'scope or really know how to use one. The only freq. counter I have is in an MFJ antenna analyzer.

I am not sure which VCO is the culprit, as I see suggestions elsewhere that seem to mix TS-440 and TS-450 and I am not sure if there is a difference on the 850 and 690. I am willing to twist some pots, but don't want to mess with the wrong ones. So, if you say I need to check one, please give me a reference on the radio that puts me in the right place.

I am pretty handy with a soldering iron. I managed to relocate the AF pot to the side of the case by the speaker when the original broke (I would LOVE to get a replacement original AF/RF pot, email me if you have one please). I also built a couple of altoids tin PSK adapters on protoboard. I am not so good at reading electrical diagrams and schematics... actually, more to the effect as dead stupid at reading them.

Thanks in advance for your help. From the replies I see from other questions I am confident I will be on the air again in no time!

KA0NEM, Jess Perry

Here is why I had no success searching the forums. I *have *been searching the forums, but there must be some corruption in the search or database that is mixing message numbers. For instance, message id 7208 and 7209 show up as related but on clicking the result or jumping to that message number it is a totally unrelated topic and different than the search result. Below is an example.

search result:
7208 TS450S display
dots<http://groups.yahoo.com/group/TS-850_450_690/message/7208>

Hi all! *PLL* unlock problem issue again. First time, just remove all connections between VCO and *PLL* board, then after 2-3 months, back again. When power on radio, U/L message in CW, and then dots on display. After few minutes (five or more), display ...
Link goes to: TS690S Data/Accessory jack

[Non-text portions of this message have been removed]

8304. Re: Need help with display dots pll unlock error on TS450sat

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-09-14 06:50:05 UTC
From: w4jz
Topic: 8303 Message: 8304

Hi Jess. I don't know if this will fix your problem or not, but I worked on a 450 that had no display, but gave a error which I don't remember what it was. Anyway I sprayed freon, cool it in can, on the 8.375 Mhz crystal on the CAR board & rig came alive. That was back in May & rig is still working fine.

Reed W4JZ

--- In TS-850_450_690@yahoogroups.com, JP <jp@...> wrote:
>
> I have been searching the forums with little success (see bottom). I am
> asking for help from the brain trust :-D
>
> Here are the numbers from my voltage testing. I assume that TP1/2 is the
> lonely pin sticking up that you test with, if not, then ignore my numbers
> and kindly tell me where to stick it... the probe that is.
>
> 30k, tp1, .5~.8v
> 7.499, tp1, .75v
> 7.5, tp1, .75~.78v
> 14.499, tp1, .6v
> 14.5, tp1, .6v
> 21.499, tp1, .55v
> 21.5, tp1, .55v
> 30, tp1, .56v
> 30, tp2, 3.95v
>
> I am using a digital voltmeter and I tried these measurements in autorange
> and fixed just to be certain. I let the radio warm up for half an hour or
> so, then took the cover off and fired it up and did the tests during this
> time period. All the while, it is hooked to a 12v, 22ah AGM battery with a
> steady 12.5v, I also tried with a 7ah battery that was also fully charged
> just to be sure.
>
> The radio seemed to stay unlocked for a while in one of those frequencies
> but I didn't notice which since I had the speaker disconnected and didn't
> hear it come on. The PLL error is on all bands. It started once a few months
> ago and I thought it was just a low battery, because the next day it was
> gone. It now comes and goes, but mostly stays.
>
> I have the adjustement section page (thanks for posting that!), and I used
> it as a worksheet. I don't have an o'scope or really know how to use one.
> The only freq. counter I have is in an MFJ antenna analyzer.
>
> I am not sure which VCO is the culprit, as I see suggestions elsewhere that
> seem to mix TS-440 and TS-450 and I am not sure if there is a difference on

> the 850 and 690. I am willing to twist some pots, but don't want to mess
> with the wrong ones. So, if you say I need to check one, please give me a
> reference on the radio that puts me in the right place.
>
> I am pretty handy with a soldering iron. I managed to relocate the AF pot to
> the side of the case by the speaker when the original broke (I would LOVE to
> get a replacement original AF/RF pot, email me if you have one please). I
> also built a couple of altoids tin PSK adapters on protoboard. I am not so
> good at reading electrical diagrams and schematics... actually, more to the
> effect as dead stupid at reading them.
>
> Thanks in advance for your help. From the replies I see from other questions
> I am confident I will be on the air again in no time!
>
> KA0NEM, Jess Perry
>
> ------------
> Here is why I had no success searching the forums. I *have *been searching
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> is mixing message numbers. For instance, message id 7208 and 7209 show up as
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> totally unrelated topic and different than the search result. Below is an
> example.
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>
> search result:
> 7208 TS450S display
> dots<http://groups.yahoo.com/group/TS-850_450_690/message/7208>
>
> Hi all! *PLL* unlock problem issue again. First time, just remove all
> connections between VCO and *PLL* board, then after 2-3 months, back again.
> When power on radio, U/L message in CW, and then dots on display. After few
> minutes (five or more), display ...
> Link goes to: TS690S Data/Accessory jack
>
>
> [Non-text portions of this message have been removed]
>

8305. Re: [TS-850_450_690] Re: New Kenwood TS850S Super VFO Tuning Knob

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-09-14 10:52:59 UTC
From: aborg
Topic: 8289 Message: 8305

I'm sure there are some people in the world who think you look ridiculous, but That's all a matter of opinion isn't it.

Mike-KK4MS

a_borg@...m

--- On Sun, 9/13/09, ve3tmt <ve3tmt@...> wrote:

From: ve3tmt <ve3tmt@...>
Subject: [TS-850_450_690] Re: New Kenwood TS850S Super VFO Tuning Knob
To: TS-850_450_690@yahoogroups.com
Date: Sunday, September 13, 2009, 8:50 PM

Personally I think it looks ridiculous.

Max

VE3TMT

[Non-text portions of this message have been removed]

8306. Re: [TS-850_450_690] Re: New Kenwood TS850S Super VFO Tuning Knob

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-09-14 10:30:08 UTC
From: Paul Manuel
Topic: 8289 Message: 8306

I, for one, think the 850 knob looks and works great as designed and has no need for dimples or gamma rays.

73, Paul K4PDM

8307. Re: Need help with display dots pll unlock error on TS450sat

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-09-14 14:30:28 UTC
From: avvidclif
Topic: 8303 Message: 8307

What radio are you working on? The header says 450 and you give the test points for the 440.

Clif

--- In TS-850_450_690@yahoogroups.com, JP <jp@...> wrote:
>
> I have been searching the forums with little success (see bottom). I am
> asking for help from the brain trust :-D
>
> Here are the numbers from my voltage testing. I assume that TP1/2 is the
> lonely pin sticking up that you test with, if not, then ignore my numbers
> and kindly tell me where to stick it... the probe that is.
>
> 30k, tp1, .5~.8v
> 7.499, tp1, .75v
> 7.5, tp1, .75~.78v
> 14.499, tp1, .6v
> 14.5, tp1, .6v
> 21.499, tp1, .55v
> 21.5, tp1, .55v
> 30, tp1, .56v
> 30, tp2, 3.95v
>
> I am using a digital voltmeter and I tried these measurements in autorange
> and fixed just to be certain. I let the radio warm up for half an hour or
> so, then took the cover off and fired it up and did the tests during this
> time period. All the while, it is hooked to a 12v, 22ah AGM battery with a
> steady 12.5v, I also tried with a 7ah battery that was also fully charged
> just to be sure.
>
> The radio seemed to stay unlocked for a while in one of those frequencies
> but I didn't notice which since I had the speaker disconnected and didn't
> hear it come on. The PLL error is on all bands. It started once a few months
> ago and I thought it was just a low battery, because the next day it was
> gone. It now comes and goes, but mostly stays.
>
> I have the adjustement section page (thanks for posting that!), and I used
> it as a worksheet. I don't have an o'scope or really know how to use one.
> The only freq. counter I have is in an MFJ antenna analyzer.
>
> I am not sure which VCO is the culprit, as I see suggestions elsewhere that
> seem to mix TS-440 and TS-450 and I am not sure if there is a difference on
> the 850 and 690. I am willing to twist some pots, but don't want to mess
> with the wrong ones. So, if you say I need to check one, please give me a

> reference on the radio that puts me in the right place.
>
> I am pretty handy with a soldering iron. I managed to relocate the AF pot to
> the side of the case by the speaker when the original broke (I would LOVE to
> get a replacement original AF/RF pot, email me if you have one please). I
> also built a couple of altoids tin PSK adapters on protoboard. I am not so
> good at reading electrical diagrams and schematics... actually, more to the
> effect as dead stupid at reading them.
>
> Thanks in advance for your help. From the replies I see from other questions
> I am confident I will be on the air again in no time!
>
> KA0NEM, Jess Perry
>
> ------------
> Here is why I had no success searching the forums. I *have *been searching
> the forums, but there must be some corruption in the search or database that
> is mixing message numbers. For instance, message id 7208 and 7209 show up as
> related but on clicking the result or jumping to that message number it is a
> totally unrelated topic and different than the search result. Below is an
> example.
>
>
> search result:
> 7208 TS450S display
> dots<http://groups.yahoo.com/group/TS-850_450_690/message/7208>
>
> Hi all! *PLL* unlock problem issue again. First time, just remove all
> connections between VCO and *PLL* board, then after 2-3 months, back again.
> When power on radio, U/L message in CW, and then dots on display. After few
> minutes (five or more), display ...
> Link goes to: TS690S Data/Accessory jack
>
>
> [Non-text portions of this message have been removed]
>

8308. Re: New Kenwood TS850S Super VFO Tuning Knob

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-09-14 15:52:24 UTC
From: ve3tmt
Topic: 8289 Message: 8308

--- In TS-850_450_690@yahoogroups.com, aborg <a_borg@...> wrote:
>
> I'm sure there are some people in the world who think you look ridiculous, but That's all a matter of opinion isn't it.
>
> Mike-KK4MS

That's what my mother used to tell me everyday!

8309. Re: [TS-850_450_690] Re: Need help with display dots pll unlock error on TS450sat

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-09-14 15:27:44 UTC
From: JP
Topic: 8303 Message: 8309

I got the pll section alignment from the files section,
Files<http://groups.yahoo.com/group/TS-850_450_690/files/> >
ALIGNMENT FAQsThe two jpg's there seem to have the same info as the
VCO_Adjustment.pdf<http://f1.grp.yahoofs.com/v1/cFquSgm6fmML8ndgZv_uwqjDWgR4mIaMs5TXqGUJHg
7jQTatJJKcDTai5RFFhtDzavOVq1nWf6_5I3piauuxvteTqaGGngcg350/Manuals%20and%20Schematics/VCO_A
djustment.pdf>
from
Files <http://groups.yahoo.com/group/TS-850_450_690/files/> > Manuals and
Schematics

If I have the wrong rig, that could definitely have something to do with it.
I only have an owners manual, I don't have a service manual. I will download
one today and see if the measure points match the 850. Thanks for shedding
light on that Cliff!

It seems, from what I have read, that a unlock issue accross all bands is
usually related to a single pll unlocked, a common one. I can't seem to
decipher which trimmer to adjust to see if that is the issue.

w4jz, it happens either after sitting cold, or after warming up for half an
hour or so with about a 10-15min window where it works.

Thanks,

KA0NEM
Jess Perry

On Mon, Sep 14, 2009 at 7:30 AM, avvidclif <clif@...> wrote:

> What radio are you working on? The header says 450 and you give the test
> points for the 440.
>
> Clif
>
>
> --- In TS-850_450_690@yahoogroups.com, JP <jp@...> wrote:
> >
> > I have been searching the forums with little success (see bottom). I am
> > asking for help from the brain trust :-D
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> > Here are the numbers from my voltage testing. I assume that TP1/2 is the
> > lonely pin sticking up that you test with, if not, then ignore my numbers
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> > 30k, tp1, .5~.8v

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> > 30, tp1, .56v
> > 30, tp2, 3.95v
> >
> > I am using a digital voltmeter and I tried these measurements in
> autorange
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> > so, then took the cover off and fired it up and did the tests during this
> > time period. All the while, it is hooked to a 12v, 22ah AGM battery with
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> > steady 12.5v, I also tried with a 7ah battery that was also fully charged
> > just to be sure.
> >
> > The radio seemed to stay unlocked for a while in one of those frequencies
> > but I didn't notice which since I had the speaker disconnected and didn't
> > hear it come on. The PLL error is on all bands. It started once a few
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> > ago and I thought it was just a low battery, because the next day it was
> > gone. It now comes and goes, but mostly stays.
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> > I have the adjustement section page (thanks for posting that!), and I
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> > it as a worksheet. I don't have an o'scope or really know how to use one.
> > The only freq. counter I have is in an MFJ antenna analyzer.
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> > I am not sure which VCO is the culprit, as I see suggestions elsewhere
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> > seem to mix TS-440 and TS-450 and I am not sure if there is a difference
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> > the 850 and 690. I am willing to twist some pots, but don't want to mess
> > with the wrong ones. So, if you say I need to check one, please give me a
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> > I am pretty handy with a soldering iron. I managed to relocate the AF pot
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> > get a replacement original AF/RF pot, email me if you have one please). I
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> > effect as dead stupid at reading them.
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> > Thanks in advance for your help. From the replies I see from other

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> > KA0NEM, Jess Perry
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> > ------------
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> > is mixing message numbers. For instance, message id 7208 and 7209 show up
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> > related but on clicking the result or jumping to that message number it
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> > totally unrelated topic and different than the search result. Below is an
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> >
> > search result:
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> > dots<http://groups.yahoo.com/group/TS-850_450_690/message/7208>
> >
> > Hi all! *PLL* unlock problem issue again. First time, just remove all
> > connections between VCO and *PLL* board, then after 2-3 months, back
> again.
> > When power on radio, U/L message in CW, and then dots on display. After
> few
> > minutes (five or more), display ...
> > Link goes to: TS690S Data/Accessory jack
> >
> >
> > [Non-text portions of this message have been removed]
> >
>
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>
>

[Non-text portions of this message have been removed]

8310. Re: Need help with display dots pll unlock error on TS450sat

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-09-14 17:07:20 UTC
From: avvidclif
Topic: 8303 Message: 8310

I still don't know what radio you are trying to fix, oh well, good luck.

Clif

--- In TS-850_450_690@yahoogroups.com, JP <jp@...> wrote:
>
> I got the pll section alignment from the files section,
> Files<http://groups.yahoo.com/group/TS-850_450_690/files/> >
> ALIGNMENT FAQsThe two jpg's there seem to have the same info as the
> VCO_Adjustment.pdf<http://f1.grp.yahoofs.com/v1/cFquSgm6fmML8ndgZv_uwqjDWgR4mIaMs5TXqGUJHg7jQTatJJKcDTai5RFFhtDzavOVq1nWf6_5I3piauuxvteTqaGGngcg350/Manuals%20and%20Schematics/VCO_Adjustment.pdf>
> from
> Files <http://groups.yahoo.com/group/TS-850_450_690/files/> > Manuals and
> Schematics
>
> If I have the wrong rig, that could definitely have something to do with it.
> I only have an owners manual, I don't have a service manual. I will download
> one today and see if the measure points match the 850. Thanks for shedding
> light on that Cliff!
>
> It seems, from what I have read, that a unlock issue accross all bands is
> usually related to a single pll unlocked, a common one. I can't seem to
> decipher which trimmer to adjust to see if that is the issue.
>
> w4jz, it happens either after sitting cold, or after warming up for half an
> hour or so with about a 10-15min window where it works.
>
>
> Thanks,
>
> KA0NEM
> Jess Perry
>
>
> On Mon, Sep 14, 2009 at 7:30 AM, avvidclif <clif@...> wrote:
>
> > What radio are you working on? The header says 450 and you give the test
> > points for the 440.
> >
> > Clif
> >
> >
> > --- In TS-850_450_690@yahoogroups.com, JP <jp@> wrote:
> > >

> > > I have been searching the forums with little success (see bottom). I am
> > > asking for help from the brain trust :-D
> > >
> > > Here are the numbers from my voltage testing. I assume that TP1/2 is the
> > > lonely pin sticking up that you test with, if not, then ignore my numbers
> > > and kindly tell me where to stick it... the probe that is.
> > >
> > > 30k, tp1, .5~.8v
> > > 7.499, tp1, .75v
> > > 7.5, tp1, .75~.78v
> > > 14.499, tp1, .6v
> > > 14.5, tp1, .6v
> > > 21.499, tp1, .55v
> > > 21.5, tp1, .55v
> > > 30, tp1, .56v
> > > 30, tp2, 3.95v
> > >
> > > I am using a digital voltmeter and I tried these measurements in
> > autorange
> > > and fixed just to be certain. I let the radio warm up for half an hour or
> > > so, then took the cover off and fired it up and did the tests during this
> > > time period. All the while, it is hooked to a 12v, 22ah AGM battery with
> > a
> > > steady 12.5v, I also tried with a 7ah battery that was also fully charged
> > > just to be sure.
> > >
> > > The radio seemed to stay unlocked for a while in one of those frequencies
> > > but I didn't notice which since I had the speaker disconnected and didn't
> > > hear it come on. The PLL error is on all bands. It started once a few
> > months
> > > ago and I thought it was just a low battery, because the next day it was
> > > gone. It now comes and goes, but mostly stays.
> > >
> > > I have the adjustement section page (thanks for posting that!), and I
> > used
> > > it as a worksheet. I don't have an o'scope or really know how to use one.
> > > The only freq. counter I have is in an MFJ antenna analyzer.
> > >
> > > I am not sure which VCO is the culprit, as I see suggestions elsewhere
> > that
> > > seem to mix TS-440 and TS-450 and I am not sure if there is a difference
> > on
> > > the 850 and 690. I am willing to twist some pots, but don't want to mess
> > > with the wrong ones. So, if you say I need to check one, please give me a
> > > reference on the radio that puts me in the right place.
> > >
> > > I am pretty handy with a soldering iron. I managed to relocate the AF pot
> > to
> > > the side of the case by the speaker when the original broke (I would LOVE
> > to

> > > get a replacement original AF/RF pot, email me if you have one please). I
> > > also built a couple of altoids tin PSK adapters on protoboard. I am not
> > so
> > > good at reading electrical diagrams and schematics... actually, more to
> > the
> > > effect as dead stupid at reading them.
> > >
> > > Thanks in advance for your help. From the replies I see from other
> > questions
> > > I am confident I will be on the air again in no time!
> > >
> > > KA0NEM, Jess Perry
> > >
> > > ------------
> > > Here is why I had no success searching the forums. I *have *been
> > searching
> > > the forums, but there must be some corruption in the search or database
> > that
> > > is mixing message numbers. For instance, message id 7208 and 7209 show up
> > as
> > > related but on clicking the result or jumping to that message number it
> > is a
> > > totally unrelated topic and different than the search result. Below is an
> > > example.
> > >
> > >
> > > search result:
> > > 7208 TS450S display
> > > dots<http://groups.yahoo.com/group/TS-850_450_690/message/7208>
> > >
> > > Hi all! *PLL* unlock problem issue again. First time, just remove all
> > > connections between VCO and *PLL* board, then after 2-3 months, back
> > again.
> > > When power on radio, U/L message in CW, and then dots on display. After
> > few
> > > minutes (five or more), display ...
> > > Link goes to: TS690S Data/Accessory jack
> > >
> > >
> > > [Non-text portions of this message have been removed]
> > >
> >
> >
> >
> >
> >
> > ------------------------------------
> >
> > THANKS FOR USING TS-850_450_690@...! Groups Links
> >
> >

> >
> >
>
>
> [Non-text portions of this message have been removed]
>

8311. Re: [TS-850_450_690] Re: Need help with display dots pll unlock error on TS450sat

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-09-14 18:39:30 UTC
From: JP
Topic: 8303 Message: 8311

TS-450sat, sorry.

KA0NEM, Jess Perry

On Mon, Sep 14, 2009 at 10:07 AM, avvidclif <clif@...> wrote:

> I still don't know what radio you are trying to fix, oh well, good luck.
>
> Clif
>
>
> --- In TS-850_450_690@yahoogroups.com, JP <jp@...> wrote:
> >
> > I got the pll section alignment from the files section,
> > Files<http://groups.yahoo.com/group/TS-850_450_690/files/> >
> > ALIGNMENT FAQsThe two jpg's there seem to have the same info as the
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> http://f1.grp.yahoofs.com/v1/cFquSgm6fmML8ndgZv_uwqjDWgR4mIaMs5TXqGUJHg7jQTatJJKcDTai5RF
FhtDzavOVq1nWf6_5I3piauuxvteTqaGGngcg350/Manuals%20and%20Schematics/VCO_Adjustment.pdf
> >
> > from
> > Files <http://groups.yahoo.com/group/TS-850_450_690/files/> > Manuals
> and
> > Schematics
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> > If I have the wrong rig, that could definitely have something to do with
> it.
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> > one today and see if the measure points match the 850. Thanks for
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> > usually related to a single pll unlocked, a common one. I can't seem to
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> >
> > Thanks,
> >

> > KA0NEM
> > Jess Perry
> >
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> > On Mon, Sep 14, 2009 at 7:30 AM, avvidclif <clif@...> wrote:
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> > > > 7.5, tp1, .75~.78v
> > > > 14.499, tp1, .6v
> > > > 14.5, tp1, .6v
> > > > 21.499, tp1, .55v
> > > > 21.5, tp1, .55v
> > > > 30, tp1, .56v
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> > > > the 850 and 690. I am willing to twist some pots, but don't want to
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> > > > the side of the case by the speaker when the original broke (I would
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> > > to
> > > > get a replacement original AF/RF pot, email me if you have one
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> > > > also built a couple of altoids tin PSK adapters on protoboard. I am
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> > > > good at reading electrical diagrams and schematics... actually, more
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> > > the
> > > > effect as dead stupid at reading them.
> > > >
> > > > Thanks in advance for your help. From the replies I see from other
> > > questions
> > > > I am confident I will be on the air again in no time!
> > > >
> > > > KA0NEM, Jess Perry
> > > >
> > > > ------------
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> > > > the forums, but there must be some corruption in the search or
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> > > > is mixing message numbers. For instance, message id 7208 and 7209
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> > > as
> > > > related but on clicking the result or jumping to that message number
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> > > > totally unrelated topic and different than the search result. Below
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> > > > example.
> > > >
> > > >
> > > > search result:
> > > > 7208 TS450S display
> > > > dots<http://groups.yahoo.com/group/TS-850_450_690/message/7208>
> > > >
> > > > Hi all! *PLL* unlock problem issue again. First time, just remove all
> > > > connections between VCO and *PLL* board, then after 2-3 months, back
> > > again.
> > > > When power on radio, U/L message in CW, and then dots on display.
> After
> > > few
> > > > minutes (five or more), display ...
> > > > Link goes to: TS690S Data/Accessory jack
> > > >
> > > >
> > > > [Non-text portions of this message have been removed]
> > > >
> > >
> > >
> > >
> > >
> > > ------------------------------------
> > >
> > > THANKS FOR USING TS-850_450_690@...! Groups Links
> > >
> > >
> > >
> > >
> >
> >
> > [Non-text portions of this message have been removed]
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>

> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>
>

[Non-text portions of this message have been removed]

8312. Re: [TS-850_450_690] Re: Need help with display dots pll unlock error on TS450sat

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-09-15 04:57:07 UTC
From: JP
Topic: 8303 Message: 8312

Well, I think I fixed it. The adjustment chart in the files section is definitely NOT for a 450. I found TP3 (didn't know there was a TP3 till I found the full manual) right next to the appropriate VCO box. I broke the trimmer loose and made a minute adjustment CCW to bring it up to 5v, in fact as soon as I broke it loose the display came back on.

I will recheck the other VCO's tomorrow, but I should be able to button it back up (after checking for leaky caps and battery).

I will post the correct chart to the files section if that is OK. I sure wish the old messages worked, I bet I would have saved myself some time and the rest of you the pestering.

For posterity, in case any others have this same issue, let me save you some time...

TP3 @ any freq should be 5v. The alignment chart was found on page 120 of the Kenwood Service manual for 450/690 that I download... your mileage may vary. The correct trimmer TC1 is under the VCO2, the can with the three screws and the small coil in it, there is only one, and the TC1 trimmer is beneath the hole in the can (SE corner). It is DIRECTLY under the speaker under the VCO cover. TP3 is directly East of this can, and close enough that I didn't even see it the first couple times pulling the cover off.

If the pll unlock error is present on all bands, it is most likely this VCO out of adjustment. I found on another forum that the trimmer itself can oxidize or corrode and just breaking it loose without adjusting it one way or another is sufficient. The voltage comes up very quickly, so keep a steady hand. Also, the trimmer has a phillips head with a pin in the center, so you can't use a phillips screw driver, however, a flathead about the size of the head works just fine.

Hope you don't have to read this... but if you do I wish you well and 73!

KA0NEM

[Non-text portions of this message have been removed]

8313. New file uploaded to TS-850_450_690

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-09-15 04:59:46 UTC
From: TS-850_450_690@yahoogroups.com
Topic: 421 Message: 8313

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the TS-850_450_690
group.

File : /ALIGNMENT FAQs/TS-450s_690s PLL and CAR Adjustment.pdf
Uploaded by : jp_technical <jp@...>
Description : Page 120 of the service manual... this is the right one for 450/690. If you are trying to fix the PLL unlock error (dots on display) check TP3 and VCO2 in the can with 3 screws directly under the speaker under the PLL cover.

You can access this file at the URL:
http://groups.yahoo.com/group/TS-850_450_690/files/ALIGNMENT%20FAQs/TS-450s_690s%20PLL%20and%20CAR%20Adjustment.pdf

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/general.htmlfiles

Regards,

jp_technical <jp@...>

8314. Re: ZLP CAT cable source

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-09-15 05:06:18 UTC
From: jp_technical
Topic: 8286 Message: 8314

You can also find their cables on ebay, there is someone in the US that imports them and resells them. They cost a bit more, but you get them much quicker.

I got one, very good finished product, the circuit is contained in the connector and has no more bulk than any other serial cable. Good product... works great for digital modes as mentioned, I love sitting on the couch in the living room and tuning around the bands spotting PSK and carrying on the occaisional QSO from the laptop when my rig is 100' away.

KA0NEM

--- In TS-850_450_690@yahoogroups.com, Ron Finger <ron@...> wrote:
>
> Hi Tommy,
> Like Roland said, you can get your cable, and other interfaces for your
> radios at ZLP. They have solutions for simple rig control (like the
> cables), as well as interfaces for digital work (RTTY, PSK, FSK, etc.).
> Also check out WestMountainRadio.com for their RIGblaster stuff. It costs a
> little more, but requires no special DIN cables, does rig control AND ALL
> digital modes, and can move with you between different radios and makers.
> 73¹ Ron KDØGOP
>
>
> [Non-text portions of this message have been removed]
>

8315. Need a replacement AF/RF gain dual pot for a TS-450S

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-09-15 05:48:30 UTC
From: ka0nem
Topic: 8315 Message: 8315

I need to replace a broken volume knob, my TS-450 got the AF gain knob knocked, it pushed the back out of the pot. I have relocated the volume to another location on the case, with a 10k/audio taper pot, but it is not quite the same. The outer RF gain pot is undamaged. I couple probably rebuild the AF pot if I canabalized another if, for instance, the RF pot was damaged.

I am ok with new or used, or a comparable replacement. I have turned up no parts with various popular parts houses, and some local repair shops and old-timer's shacks.

Feel free to email me ka0nem at w2bn dot org.

Thanks.

[Non-text portions of this message have been removed]

8316. Re: Need help with display dots pll unlock error on TS450sat

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-09-15 15:44:53 UTC
From: n0pxj
Topic: 8303 Message: 8316

That trimmer cap has silver whisker shorts inside it -Best to replace it.
Carl N0PXJ
--- In TS-850_450_690@yahoogroups.com, JP <jp@...> wrote:
>
> Well, I think I fixed it. The adjustment chart in the files section is
> definitely NOT for a 450. I found TP3 (didn't know there was a TP3 till I
> found the full manual) right next to the appropriate VCO box. I broke the
> trimmer loose and made a minute adjustment CCW to bring it up to 5v, in fact
> as soon as I broke it loose the display came back on.
>
> I will recheck the other VCO's tomorrow, but I should be able to button it
> back up (after checking for leaky caps and battery).
>
> I will post the correct chart to the files section if that is OK. I sure
> wish the old messages worked, I bet I would have saved myself some time and
> the rest of you the pestering.
>
> For posterity, in case any others have this same issue, let me save you some
> time...
>
> TP3 @ any freq should be 5v. The alignment chart was found on page 120 of
> the Kenwood Service manual for 450/690 that I download... your mileage may
> vary. The correct trimmer TC1 is under the VCO2, the can with the three
> screws and the small coil in it, there is only one, and the TC1 trimmer is
> beneath the hole in the can (SE corner). It is DIRECTLY under the speaker
> under the VCO cover. TP3 is directly East of this can, and close enough that
> I didn't even see it the first couple times pulling the cover off.
>
> If the pll unlock error is present on all bands, it is most likely this VCO
> out of adjustment. I found on another forum that the trimmer itself can
> oxidize or corrode and just breaking it loose without adjusting it one way
> or another is sufficient. The voltage comes up very quickly, so keep a
> steady hand. Also, the trimmer has a phillips head with a pin in the center,
> so you can't use a phillips screw driver, however, a flathead about the size
> of the head works just fine.
>
> Hope you don't have to read this... but if you do I wish you well and 73!
>
> KA0NEM
>
>
> [Non-text portions of this message have been removed]
>

8317. Re: [TS-850_450_690] Re: Need help with display dots pll unlock error on TS450sat

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-09-15 16:18:47 UTC
From: ka0nem
Topic: 8303 Message: 8317

My dog is getting silver whiskers... want me to replace him too? Hi hi. The first time I saw those whiskers was on a slashdot article many years ago and I thought it was the most fascinating thing... the mystery (at the time) on how they grew was pretty cool.
KA0NEM

On Tue, Sep 15, 2009 at 8:44 AM, n0pxj <lc4600g@...> wrote:

>
>
> That trimmer cap has silver whisker shorts inside it -Best to replace it.
> Carl N0PXJ
>
> --- In TS-850_450_690@yahoogroups.com <TS-850_450_690%40yahoogroups.com>,
> JP <jp@...> wrote:
> >
> > Well, I think I fixed it. The adjustment chart in the files section is
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> > TP3 @ any freq should be 5v. The alignment chart was found on page 120 of
> > the Kenwood Service manual for 450/690 that I download... your mileage
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> > vary. The correct trimmer TC1 is under the VCO2, the can with the three
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> > or another is sufficient. The voltage comes up very quickly, so keep a
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> center,
> > so you can't use a phillips screw driver, however, a flathead about the
> size
> > of the head works just fine.
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> > Hope you don't have to read this... but if you do I wish you well and 73!
> >
> > KA0NEM
> >
> >
> > [Non-text portions of this message have been removed]
> >
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>

[Non-text portions of this message have been removed]

8318. Re: [TS-850_450_690] Need a replacement AF/RF gain dual pot for a TS-450S

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-09-15 20:29:08 UTC
From: Dave ve3wej
Topic: 8315 Message: 8318

have you check with kenwood parts????

----- Original Message -----
From: ka0nem
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, September 15, 2009 1:48 AM
Subject: [TS-850_450_690] Need a replacement AF/RF gain dual pot for a TS-450S

I need to replace a broken volume knob, my TS-450 got the AF gain knob knocked, it pushed the back out of the pot. I have relocated the volume to another location on the case, with a 10k/audio taper pot, but it is not quite the same. The outer RF gain pot is undamaged. I couple probably rebuild the AF pot if I canabalized another if, for instance, the RF pot was damaged.

I am ok with new or used, or a comparable replacement. I have turned up no parts with various popular parts houses, and some local repair shops and old-timer's shacks.

Feel free to email me ka0nem at w2bn dot org.

Thanks.

[Non-text portions of this message have been removed]

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8319. Re: Need a replacement AF/RF gain dual pot for a TS-450S

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-09-15 22:57:59 UTC
From: ve3tmt
Topic: 8315 Message: 8319

--- In TS-850_450_690@yahoogroups.com, "Dave ve3wej" <ve3wej@...> wrote:
>
> have you check with kenwood parts????

Looks like Kenwood parts is dropping most of the 450/850 parts. Not many left that aren't discontinued.

Max
VE3TMT

8320. Re: [TS-850_450_690] Need a replacement AF/RF gain dual pot for a TS-450S

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-09-16 01:13:36 UTC
From: ka0nem
Topic: 8315 Message: 8320

Yes, of course I checked with Kenwood parts. They are discontinued, I have also checked a dozen other parts houses and they all tell me the same thing, kenwood part that is not in stock and not available.
I also tried several places like Mouser for dual pots of similar size and shape and can only find modular units I have to buy in gross.

Thanks.

[Non-text portions of this message have been removed]

8321. Re: Need a replacement AF/RF gain dual pot for a TS-450S

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-09-16 10:33:06 UTC
From: ke7onz
Topic: 8315 Message: 8321

Been into old cars and Harleys for years. Now it's old radios. All have the same thing in common. OEM replacement parts are nice but get scarse and finally disappear altogether. Best thing is tech special parts buckets cheap from ebay and anywhere else you can find 'em sometimes yours for hauling off. When those are gone, find other make parts that spec out the same electrically and get creative. No, they're not OEM but I've seen and done many after market instalations that looked as good as they worked and sometimes better on both counts than OEM.

Runnin' 'em beats lookin' at 'em on every day that ends in "Y".

Bill KE7ONZ

8322. [TS-850_450_690] Power output drop of my TS-850 and distortion

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-09-16 12:33:23 UTC
From: James Christiansen
Topic: 8315 Message: 8322

Hey guys

Yesterday afternoon I was on my TS-850 and all was fine. I went back into the shack after dinner and my power output on all bands had dropped to 50 watts (SWR 1:1) and any QSO I tried to make said my audio was distorted. I plugged in a set of headphones and turned on the monitor and sure enough, distored audio as well. Anyone have any clues as to what might be causing this?. I change the coax and went to a different antenna as well with same results

Mike, N4GW

[Non-text portions of this message have been removed]

8323. Re: [TS-850_450_690] Power output drop of my TS-850 and distortion

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-09-16 16:09:12 UTC
From: Mike Christiansen
Topic: 8315 Message: 8323

Hey guys,

I have not heard back form anyone on this yet. Do you think that if
the power supply is going bad could cause these symptoms?

Mike, N4GW

On Sep 16, 2009, at 8:33 AM, James Christiansen wrote:

> Hey guys
>
> Yesterday afternoon I was on my TS-850 and all was fine. I went
> back into the shack after dinner and my power output on all bands
> had dropped to 50 watts (SWR 1:1) and any QSO I tried to make said
> my audio was distorted. I plugged in a set of headphones and turned
> on the monitor and sure enough, distored audio as well. Anyone have
> any clues as to what might be causing this?. I change the coax and
> went to a different antenna as well with same results
>
> Mike, N4GW
>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

8324. Re: Power output drop of my TS-850 and distortion

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-09-16 16:21:49 UTC
From: ah6rr1
Topic: 8315 Message: 8324

Sounds like it could be either a DC/DC converter or a DDS chip failure. You can still get the DC/DC converter but the DDS is no longer available hopfuly Clif will chime up as I am just guessing and He would know more.
Roland AH6RR

--- In TS-850_450_690@yahoogroups.com, Mike Christiansen <starmike@...> wrote:
>
> Hey guys,
>
> I have not heard back form anyone on this yet. Do you think that if
> the power supply is going bad could cause these symptoms?
>
> Mike, N4GW
>
>
> On Sep 16, 2009, at 8:33 AM, James Christiansen wrote:
>
> > Hey guys
> >
> > Yesterday afternoon I was on my TS-850 and all was fine. I went
> > back into the shack after dinner and my power output on all bands
> > had dropped to 50 watts (SWR 1:1) and any QSO I tried to make said
> > my audio was distorted. I plugged in a set of headphones and turned
> > on the monitor and sure enough, distored audio as well. Anyone have
> > any clues as to what might be causing this?. I change the coax and
> > went to a different antenna as well with same results
> >
> > Mike, N4GW
> >
> > [Non-text portions of this message have been removed]
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> [Non-text portions of this message have been removed]
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8325. Re: [TS-850_450_690] Power output drop of my TS-850 and distortion

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-09-16 16:21:34 UTC
From: Ashley40@AOL.com
Topic: 8315 Message: 8325

Hi...first we suggest you check the transmitter into a dummy load and a good calibrated RF wattmeter. (antenna tuner , if installed, OUT).(MODE: CW) ?If the RF power is then okay, check RF Power with the AT in circuit and ensure the AT unit tunes properly.

If the power is okay with the AT "out" but not "in", then your radio has AT tuning issues.

If the output power is still not correct,? next thing is to check the PA output transistors for proper IDLE current. Consult the service manual for the technique and measurement points.

Thank You

Kiss-Electronics

Ms Ashley Hall

Cornelius, Oregon

W7DUZ

-----Original Message-----
From: Mike Christiansen <starmike@...>
To: TS-850_450_690@yahoogroups.com
Sent: Wed, Sep 16, 2009 9:09 am
Subject: Re: [TS-850_450_690] Power output drop of my TS-850 and distortion

Hey guys,

I have not heard back form anyone on this yet. Do you think that if
the power supply is going bad could cause these symptoms?

Mike, N4GW

On Sep 16, 2009, at 8:33 AM, James Christiansen wrote:

> Hey guys
>
> Yesterday afternoon I was on my TS-850 and all was fine. I went
> back into the shack after dinner and my power output on all bands
> had dropped to 50 watts (SWR 1:1) and any QSO I tried to make said
> my audio was distorted. I plugged in a set of headphones and turned
> on the monitor and sure enough, distored audio as well. Anyone have
> any clues as to what might be causing this?. I change the coax and
> went to a different antenna as well with same results
>
> Mike, N4GW
>
> [Non-text portions of this message have been removed]

>
>
>

[Non-text portions of this message have been removed]

THANKS FOR USING TS-850_450_690@...! Groups Links

[Non-text portions of this message have been removed]

8326. Re: [TS-850_450_690] Re: Need a replacement AF/RF gain dual pot for a TS-450S

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-09-16 17:05:37 UTC
From: ka0nem
Topic: 8315 Message: 8326

Good analogy, I just wish that the specific part on this radio I need was
not so uniquely constructed and manufactured out of Unobtainium.

On Wed, Sep 16, 2009 at 3:33 AM, ke7onz <ke7onz@...> wrote:

>
>
> Been into old cars and Harleys for years. Now it's old radios. All have the
> same thing in common. OEM replacement parts are nice but get scarse and
> finally disappear altogether. Best thing is tech special parts buckets cheap
> from ebay and anywhere else you can find 'em sometimes yours for hauling
> off. When those are gone, find other make parts that spec out the same
> electrically and get creative. No, they're not OEM but I've seen and done
> many after market instalations that looked as good as they worked and
> sometimes better on both counts than OEM.
>
> Runnin' 'em beats lookin' at 'em on every day that ends in "Y".
>
> Bill KE7ONZ
>
>
>

[Non-text portions of this message have been removed]

8327. Re: [TS-850_450_690] Re: Power output drop of my TS-850 and distortion

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-09-16 17:00:32 UTC
From: James Christiansen
Topic: 8315 Message: 8327

I just tried it again this afternoon and it is working again. I left the Power supply on all morning to make sure it was good and warm. This morning it was onlu putting out 12 volts. This afternoon is was putting out 13.6. There are no meters on the PS so I can't tell if the amps are low..

Mike, N4GW

_____
From: ah6rr1 <Toesonnose@...>
To: TS-850_450_690@yahoogroups.com
Sent: Wednesday, September 16, 2009 12:21:49 PM
Subject: [TS-850_450_690] Re: Power output drop of my TS-850 and distortion

Sounds like it could be either a DC/DC converter or a DDS chip failure. You can still get the DC/DC converter but the DDS is no longer available hopfuly Clif will chime up as I am just guessing and He would know more.
Roland AH6RR

--- In TS-850_450_690@ yahoogroups. com, Mike Christiansen <starmike@... .> wrote:
>
> Hey guys,
>
> I have not heard back form anyone on this yet. Do you think that if
> the power supply is going bad could cause these symptoms?
>
> Mike, N4GW
>
>
> On Sep 16, 2009, at 8:33 AM, James Christiansen wrote:
>
> > Hey guys
> >
> > Yesterday afternoon I was on my TS-850 and all was fine. I went
> > back into the shack after dinner and my power output on all bands
> > had dropped to 50 watts (SWR 1:1) and any QSO I tried to make said
> > my audio was distorted. I plugged in a set of headphones and turned
> > on the monitor and sure enough, distored audio as well. Anyone have
> > any clues as to what might be causing this?. I change the coax and
> > went to a different antenna as well with same results
> >
> > Mike, N4GW
> >
> > [Non-text portions of this message have been removed]
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8328. Re: [TS-850_450_690] Power output drop of my TS-850 and distortion

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-09-16 17:33:09 UTC
From: aborg
Topic: 8315 Message: 8328

Curious,

  I got a lot of smart responses about the HULK Knob and you can't get any responses.

Try this.
Sudden dropoff in transmitted power, and a terrible
burning smell coming out of the fan vent whenever the radio is in transmit. When
the top cover is removed, the smell seems to be coming from the left front side
of the radio. The following failure
occurred on both of my TS-850's within a six month period.

Problem: The problem is that C1 on the Carrier Unit, X50-3140-00, has failed.
This board is the second board down in the 3-stack of boards on the left top
side of the radio.
****
**
http://www.qsl.net/k0bx/ts850flu.htm
****

Mike-KK4MS

a_borg@...

--- On Wed, 9/16/09, Mike Christiansen <starmike@...t> wrote:

From: Mike Christiansen <starmike@...>
Subject: Re: [TS-850_450_690] Power output drop of my TS-850 and distortion
To: TS-850_450_690@yahoogroups.com
Date: Wednesday, September 16, 2009, 12:09 PM

Hey guys,

I have not heard back form anyone on this yet. Do you think that if

the power supply is going bad could cause these symptoms?

Mike, N4GW

On Sep 16, 2009, at 8:33 AM, James Christiansen wrote:

> Hey guys

>

> Yesterday afternoon I was on my TS-850 and all was fine. I went

> back into the shack after dinner and my power output on all bands

> had dropped to 50 watts (SWR 1:1) and any QSO I tried to make said

> my audio was distorted. I plugged in a set of headphones and turned

> on the monitor and sure enough, distored audio as well. Anyone have

> any clues as to what might be causing this?. I change the coax and

> went to a different antenna as well with same results

>

> Mike, N4GW

>

> [Non-text portions of this message have been removed]

>

>

>

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[Non-text portions of this message have been removed]

8329. Re: [TS-850_450_690] Power output drop of my TS-850 and distortion

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-09-16 18:10:54 UTC
From: James Christiansen
Topic: 8315 Message: 8329

Thanks Mike. I thought about that, but no burnt smell, and I had C1 replaced last year. My power supply is really old and that is what I am suspecting. When i turn on my 2m rig, it tells me what the voltage is and that is when I saw the 12 volts instead of 13.8 like it should be

---
From: aborg <a_borg@...>
To: TS-850_450_690@yahoogroups.com
Sent: Wednesday, September 16, 2009 1:33:09 PM
Subject: Re: [TS-850_450_690] Power output drop of my TS-850 and distortion

Curious,

  I got a lot of smart responses about the HULK Knob and you can't get any responses.

Try this.
Sudden dropoff in transmitted power, and a terrible
burning smell coming out of the fan vent whenever the radio is in transmit. When
the top cover is removed, the smell seems to be coming from the left front side
of the radio. The following failure
occurred on both of my TS-850's within a six month period.

Problem: The problem is that C1 on the Carrier Unit, X50-3140-00, has failed.
This board is the second board down in the 3-stack of boards on the left top
side of the radio.
********** ********* ********* ********* ********* ********* ********* *********
********* ********
http://www.qsl. net/k0bx/ ts850flu. htm
********** ********* ********* ********* ********* ********* ********* ********* ******

Mike-KK4MS

a_borg@yahoo. com

--- On Wed, 9/16/09, Mike Christiansen <starmike@bellsouth. net> wrote:

From: Mike Christiansen <starmike@bellsouth. net>
Subject: Re: [TS-850_450_ 690] Power output drop of my TS-850 and distortion
To: TS-850_450_690@ yahoogroups. com
Date: Wednesday, September 16, 2009, 12:09 PM

Hey guys,

I have not heard back form anyone on this yet. Do you think that if

the power supply is going bad could cause these symptoms?

Mike, N4GW

On Sep 16, 2009, at 8:33 AM, James Christiansen wrote:

> Hey guys
>
> Yesterday afternoon I was on my TS-850 and all was fine. I went
> back into the shack after dinner and my power output on all bands
> had dropped to 50 watts (SWR 1:1) and any QSO I tried to make said
> my audio was distorted. I plugged in a set of headphones and turned
> on the monitor and sure enough, distored audio as well. Anyone have
> any clues as to what might be causing this?. I change the coax and
> went to a different antenna as well with same results
>
> Mike, N4GW
>
> [Non-text portions of this message have been removed]
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8330. Re: Need a replacement AF/RF gain dual pot for a TS-450S

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-09-16 18:43:29 UTC
From: ke7onz
Topic: 8315 Message: 8330

I forgot to mention that my 450 was serviced by HamRepair.com in Dallas last June before I bought it. One of the items listed was "Rebuilt AF/RF VR", so all may not be lost. I don't know if Cal would want to rebuild a single pot or not but we know it can be done.

Bill KE7ONZ

8331. Re: [TS-850_450_690] Power output drop of my TS-850 and distortion

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-09-16 18:53:26 UTC
From: aborg
Topic: 8315 Message: 8331

James,

My pleasure. I'm sure I have every piece of information I can think of on the 850.

Mike-KK4MS

a_borg@...

--- On Wed, 9/16/09, James Christiansen <starmike@...> wrote:

From: James Christiansen <starmike@...>
Subject: Re: [TS-850_450_690] Power output drop of my TS-850 and distortion
To: TS-850_450_690@yahoogroups.com
Date: Wednesday, September 16, 2009, 2:10 PM

Thanks Mike. I thought about that, but no burnt smell, and I had C1 replaced last year. My power supply is really old and that is what I am suspecting. When i turn on my 2m rig, it tells me what the voltage is and that is when I saw the 12 volts instead of 13.8 like it should be

---------- --------- --------- --

From: aborg <a_borg@yahoo. com>

To: TS-850_450_690@ yahoogroups. com

Sent: Wednesday, September 16, 2009 1:33:09 PM

Subject: Re: [TS-850_450_ 690] Power output drop of my TS-850 and distortion

Curious,

I got a lot of smart responses about the HULK Knob and you can't get any responses.

Try this.

Sudden dropoff in transmitted power, and a terrible

burning smell coming out of the fan vent whenever the radio is in transmit. When

the top cover is removed, the smell seems to be coming from the left front side

of the radio. The following failure

occurred on both of my TS-850's within a six month period.

Problem: The problem is that C1 on the Carrier Unit, X50-3140-00, has failed.

This board is the second board down in the 3-stack of boards on the left top

side of the radio.

********** ********* ********* ********* ********* ********* ********* *********
********* ********

http://www.qsl. net/k0bx/ ts850flu. htm

********** ********* ********* ********* ********* ********* ********* ********* ******

Mike-KK4MS

a_borg@yahoo. com

--- On Wed, 9/16/09, Mike Christiansen <starmike@bellsouth . net> wrote:

From: Mike Christiansen <starmike@bellsouth . net>

Subject: Re: [TS-850_450_ 690] Power output drop of my TS-850 and distortion

To: TS-850_450_690@ yahoogroups. com

Date: Wednesday, September 16, 2009, 12:09 PM

Hey guys,

I have not heard back form anyone on this yet. Do you think that if

the power supply is going bad could cause these symptoms?

Mike, N4GW

On Sep 16, 2009, at 8:33 AM, James Christiansen wrote:

> Hey guys

>

> Yesterday afternoon I was on my TS-850 and all was fine. I went

> back into the shack after dinner and my power output on all bands

> had dropped to 50 watts (SWR 1:1) and any QSO I tried to make said

> my audio was distorted. I plugged in a set of headphones and turned

> on the monitor and sure enough, distored audio as well. Anyone have

> any clues as to what might be causing this?. I change the coax and

> went to a different antenna as well with same results

>

> Mike, N4GW

>

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[Non-text portions of this message have been removed]

8332. Re: [TS-850_450_690] Re: Need a replacement AF/RF gain dual pot for a TS-450S

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-09-16 19:50:28 UTC
From: ka0nem
Topic: 8315 Message: 8332

I have not heard of them, I will check them out.

On Wed, Sep 16, 2009 at 11:43 AM, ke7onz <ke7onz@...> wrote:

>
>
> I forgot to mention that my 450 was serviced by HamRepair.com in Dallas
> last June before I bought it. One of the items listed was "Rebuilt AF/RF
> VR", so all may not be lost. I don't know if Cal would want to rebuild a
> single pot or not but we know it can be done.
>
> Bill KE7ONZ
>
>
>

--

Thanks,

Jess Perry
JP Technical
www.jptechnical.com
For support requests, please email: helpdesk@...

[Non-text portions of this message have been removed]

8333. RE: [TS-850_450_690] Power output drop of my TS-850 and distortion

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-09-16 21:49:34 UTC
From: Bill Maddock
Topic: 8315 Message: 8333

Do you have distortion in the recieve audio?

-----Original Message-----
From: aborg <a_borg@...>
Sent: Wednesday, September 16, 2009 12:33 PM
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] Power output drop of my TS-850 and distortion

Curious,

  I got a lot of smart responses about the HULK Knob and you can't get any responses.

Try this.
Sudden dropoff in transmitted power, and a terrible
burning smell coming out of the fan vent whenever the radio is in transmit When
the top cover is removed, the smell seems to be coming from the left front side
of the radio. The following failure
occurred on both of my TS-850's within a six month period.

Problem: The problem is that C1 on the Carrier Unit, X50-3140-00, has failed.
This board is the second board down in the 3-stack of boards on the left top
side of the radio.
****
**
http://www.qsl.net/k0bx/ts850flu.htm
****

Mike-KK4MS

a_borg@...

--- On Wed, 9/16/09, Mike Christiansen <starmike@...> wrote:

From: Mike Christiansen <starmike@...>
Subject: Re: [TS-850_450_690] Power output drop of my TS-850 and distortion
To:

[The entire original message is not included]

[Non-text portions of this message have been removed]

8334. Re: [TS-850_450_690] Power output drop of my TS-850 and distortion

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-09-16 21:52:35 UTC
From: Mike Christiansen
Topic: 8315 Message: 8334

No perfect receive audio

Mike, N4GW

On Sep 16, 2009, at 5:49 PM, Bill Maddock wrote:

> Do you have distortion in the recieve audio?
>
> -----Original Message-----
> From: aborg <a_borg@...>
> Sent: Wednesday, September 16, 2009 12:33 PM
> To: TS-850_450_690@yahoogroups.com
> Subject: Re: [TS-850_450_690] Power output drop of my TS-850 and
> distortion
>
> Curious,
>
> I got a lot of smart responses about the HULK Knob and you can't
> get any responses.
>
> Try this.
> Sudden dropoff in transmitted power, and a terrible
> burning smell coming out of the fan vent whenever the radio is in
> transmit When
> the top cover is removed, the smell seems to be coming from the left
> front side
> of the radio. The following failure
> occurred on both of my TS-850's within a six month period.
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> Problem: The problem is that C1 on the Carrier Unit, X50-3140-00,
> has failed.
> This board is the second board down in the 3-stack of boards on the
> left top
> side of the radio.
> **********
****
> http://www.qsl.net/k0bx/ts850flu.htm
> **********
>
> Mike-KK4MS
>
> a_borg@...
>
> --- On Wed, 9/16/09, Mike Christiansen <starmike@...> wrote:
>
> From: Mike Christiansen <starmike@...>

> Subject: Re: [TS-850_450_690] Power output drop of my TS-850 and
> distortion
> To:
>
> [The entire original message is not included]
>
> [Non-text portions of this message have been removed]
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>

[Non-text portions of this message have been removed]

8335. Re: Power output drop of my TS-850 and distortion

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-09-16 23:03:37 UTC
From: ag1pct
Topic: 8315 Message: 8335

I had similar problem a couple years ago with my 850. Don't remember if power dropped with the distortion. Here was Clif's advice.

Check the bias on the finals and drivers. The base voltages should be .6-.7v in Tx. Measure in SSB with no mike hooked up. Zero volts indicates a bias circuit problem while a higher voltage is usually a leaky driver or final.

Clif

Made some measurements on the final board and the final bias at VR2 was way low. Problem turned out to be a bad Q7 on the final board. Replaced it and got my great signal reports back again.

Hope this helps

73 - Ron - AG1P

--- In TS-850_450_690@yahoogroups.com, Mike Christiansen <starmike@...> wrote:
>
> No perfect receive audio
>
> Mike, N4GW
>
>
> On Sep 16, 2009, at 5:49 PM, Bill Maddock wrote:
>
> > Do you have distortion in the recieve audio?
> >
> > -----Original Message-----
> > From: aborg <a_borg@...>
> > Sent: Wednesday, September 16, 2009 12:33 PM
> > To: TS-850_450_690@yahoogroups.com
> > Subject: Re: [TS-850_450_690] Power output drop of my TS-850 and
> > distortion
> >
> > Curious,
> >
> > I got a lot of smart responses about the HULK Knob and you can't
> > get any responses.
> >
> > Try this.
> > Sudden dropoff in transmitted power, and a terrible
> > burning smell coming out of the fan vent whenever the radio is in

> > transmit When
> > the top cover is removed, the smell seems to be coming from the left
> > front side
> > of the radio. The following failure
> > occurred on both of my TS-850's within a six month period.
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> > Problem: The problem is that C1 on the Carrier Unit, X50-3140-00,
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> > This board is the second board down in the 3-stack of boards on the
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> > side of the radio.
> > **
******
> > http://www.qsl.net/k0bx/ts850flu.htm
> > **
> >
> > Mike-KK4MS
> >
> > a_borg@...
> >
> > --- On Wed, 9/16/09, Mike Christiansen <starmike@...> wrote:
> >
> > From: Mike Christiansen <starmike@...>
> > Subject: Re: [TS-850_450_690] Power output drop of my TS-850 and
> > distortion
> > To:
> >
> > [The entire original message is not included]
> >
> > [Non-text portions of this message have been removed]
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> [Non-text portions of this message have been removed]
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8336. Re: [TS-850_450_690] Power output drop of my TS-850 and distortion

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-09-16 23:00:42 UTC
From: Jack
Topic: 8315 Message: 8336

Hello Mike,

If it were me experiencing that half power issue, I would make absolutely certain that my DC power supply could always supply at 13.8 volts DC. If you choke the amount of DC voltage getting to your rig, it will behave erratically and show you very quickly that it doesn't like sagging supply voltages. Receive doesn't require as tight a supply to function relatively normally. Fix or substitute the power supply first before you get led down the yellow brick road. My bet is that the rig is OK.

73 & GL,
Jack
N3JLW

8337. Re: Power output drop of my TS-850 and distortion

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-09-17 10:44:36 UTC
From: ve3tmt
Topic: 8315 Message: 8337

I agree with Jack. Try another power supply before touching the radio. Here's a funny little story...

A few years ago my 850 developed a problem where it would not power up. After doing all the routine checks, fuses, switches, connections, etc, I had come to the conclusion there was a short in the final amplifier section. Rather than fix it, I decided to sell it as I had another radio here. A friend asked me if I checked the power supply. I did and it was measuring about 13.5V with no load. As soon as I hooked the supply to the radio the voltage would drop to zero. On a whim, I hooked the 850 up to my car battery and the radio powered up just fine. Turned out to be a bad power supply. Replaced the supply and the radio worked just fine until I sold it. Sometimes we tend to overlook the obvious.

Max
VE3TMT

8338. Re: [TS-850_450_690] Re: Power output drop of my TS-850 and distortion

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-09-17 11:14:20 UTC
From: James Christiansen
Topic: 8315 Message: 8338

Thanks Max, that is my suspicion. I am going to try that to see if that is the culprit

Mike, N4GW

From: ve3tmt <ve3tmt@...>
To: TS-850_450_690@yahoogroups.com
Sent: Thursday, September 17, 2009 6:44:36 AM
Subject: [TS-850_450_690] Re: Power output drop of my TS-850 and distortion

I agree with Jack. Try another power supply before touching the radio. Here's a funny little story...

A few years ago my 850 developed a problem where it would not power up. After doing all the routine checks, fuses, switches, connections, etc, I had come to the conclusion there was a short in the final amplifier section. Rather than fix it, I decided to sell it as I had another radio here. A friend asked me if I checked the power supply. I did and it was measuring about 13.5V with no load. As soon as I hooked the supply to the radio the voltage would drop to zero. On a whim, I hooked the 850 up to my car battery and the radio powered up just fine. Turned out to be a bad power supply. Replaced the supply and the radio worked just fine until I sold it. Sometimes we tend to overlook the obvious.

Max
VE3TMT

[Non-text portions of this message have been removed]

8339. Re: [TS-850_450_690] Re: Power output drop of my TS-850 and distortion

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-09-17 11:16:21 UTC
From: bayuh@yahoo.com
Topic: 8315 Message: 8339

Oo
Sent from my BlackBerry?
powered by Sinyal Kuat INDOSAT

-----Original Message-----
From: "ve3tmt" <ve3tmt@...>
Date: Thu, 17 Sep 2009 10:44:36
To: <TS-850_450_690@yahoogroups.com>
Subject: [TS-850_450_690] Re: Power output drop of my TS-850 and distortion

I agree with Jack. Try another power supply before touching the radio. Here's a funny little story...

A few years ago my 850 developed a problem where it would not power up. After doing all the routine checks, fuses, switches, connections, etc, I had come to the conclusion there was a short in the final amplifier section. Rather than fix it, I decided to sell it as I had another radio here. A friend asked me if I checked the power supply. I did and it was measuring about 13.5V with no load. As soon as I hooked the supply to the radio the voltage would drop to zero. On a whim, I hooked the 850 up to my car battery and the radio powered up just fine. Turned out to be a bad power supply. Replaced the supply and the radio worked just fine until I sold it. Sometimes we tend to overlook the obvious.

Max
VE3TMT

[Non-text portions of this message have been removed]

8340. Re: [TS-850_450_690] Re: Power output drop of my TS-850 and distortion

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-09-17 12:52:31 UTC
From: ww3s@zoominternet.net
Topic: 8315 Message: 8340

the other thing to check are the fuses/fuseholders, including the one on the ground lead....more than once someone on this list has been bit by that....
On Thu 09/17/09 7:16 AM , bayuh@... sent:
Oo
Sent from my BlackBerry®
powered by Sinyal Kuat INDOSAT
-----Original Message-----
From: "ve3tmt"
Date: Thu, 17 Sep 2009 10:44:36
To:
Subject: [TS-850_450_690] Re: Power output drop of my TS-850 and distortion
I agree with Jack. Try another power supply before touching the radio. Here's a funny little story...
A few years ago my 850 developed a problem where it would not power up. After doing all the routine checks, fuses, switches, connections, etc, I had come to the conclusion there was a short in the final amplifier section. Rather than fix it, I decided to sell it as I had another radio here. A friend asked me if I checked the power supply. I did and it was measuring about 13.5V with no load. As soon as I hooked the supply to the radio the voltage would drop to zero. On a whim, I hooked the 850 up to my car battery and the radio powered up just fine. Turned out to be a bad power supply. Replaced the supply and the radio worked just fine until I sold it. Sometimes we tend to overlook the obvious.
Max
VE3TMT
[Non-text portions of this message have been removed]

THANKS FOR USING TS-850_450_690@... [3]! Groups
Links
To visit your group on the web, go to:
http://groups.yahoo.com/group/TS-850_450_690/ [4]
Your email settings:
Individual Email | Traditional
To change settings online go to:
http://groups.yahoo.com/group/TS-850_450_690/join [5]
(Yahoo! ID required)
To change settings via email:
TS-850_450_690-digest@yahoogroups.com [6]
TS-850_450_690-fullfeatured@yahoogroups.com [7]
To unsubscribe from this group, send an email to:
TS-850_450_690-unsubscribe@yahoogroups.com [8]
Your use of Yahoo! Groups is subject to:

http://docs.yahoo.com/info/terms/ [9]

Links:
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[1] mailto:ve3tmt@yahoo.ca
[2] mailto:TS-850_450_690@yahoogroups.com
[3] mailto:TS-850_450_690@YAHOOGROUPS.COMYahoo
[4] http://groups.yahoo.com/group/TS-850_450_690/
[5] http://groups.yahoo.com/group/TS-850_450_690/join
[6] mailto:TS-850_450_690-digest@yahoogroups.com
[7] mailto:TS-850_450_690-fullfeatured@...m
[8] mailto:TS-850_450_690-unsubscribe@yahoogroups.com
[9] http://docs.yahoo.com/info/terms/

[Non-text portions of this message have been removed]

8341. TS-450 Won't Key

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-09-22 18:12:56 UTC
From: k7zs
Topic: 8341 Message: 8341

Hello, I am new to the TS-450 group, but no stranger to Kenwood. Mostly older hybrid's, I must confess.

A friend brought a TS-450S for me to evaluate. It will not go into transmit. When you turn option 19 to ON after a CPU Reset, you get receive audio UNTIL you power cycle it. Pressing CLR and returning to normal use does NOT mute the receiver.

I have measured the voltages on the TRX board, and the 7.5v appears on RXB and pin 7, there is no TXB voltage. When keying the transmitter in any normal way (mic PTT, front panel SEND or CW KEY with VOX on) I do NOT get the 3.2v on pin 2 of the TRX board. So, it is never getting that voltage to the TRX board.

Where should I look? I have yet to download the service manual (I didn't see one here) and the block diagram in the manual does not show the keying circuit, nor can I find it in the schematic there.

What a great resource these groups are. Hope somebody can steer me in the direction to make a Ham without his loved TS-450S happy again!

73 Kevin K7ZS

8342. Kenwood TS450S- Microphone!

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-09-23 14:24:32 UTC
From: russ324rascal
Topic: 8342 Message: 8342

Hello to all, First let me start by saying I am new to the group. My name is Russ and my call sign is K8QF. I just purchased a Kenwood TS450S and I am trying to decide on what microphone to use. I have a heil classic with the HCL 4&5 elements in it. Does any body use the Heil mics with this radio and if so how do they work. Or should I go with a Kenwood mic. Any suggestions would be greatly appreciated. Russ K8QF.

8343. Re: TS-450 Won't Key

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-09-23 15:16:15 UTC
From: avvidclif
Topic: 8341 Message: 8343

Option 19 is Tx Inhibit. When you turn it on the radio will not Tx.

Do a reset and make sure it is off and then try again.

Clif

--- In TS-850_450_690@yahoogroups.com, "k7zs" <klahaie@...> wrote:
>
> Hello, I am new to the TS-450 group, but no stranger to Kenwood. Mostly older hybrid's, I must confess.
>
> A friend brought a TS-450S for me to evaluate. It will not go into transmit. When you turn option 19 to ON after a CPU Reset, you get receive audio UNTIL you power cycle it. Pressing CLR and returning to normal use does NOT mute the receiver.
>
> I have measured the voltages on the TRX board, and the 7.5v appears on RXB and pin 7, there is no TXB voltage. When keying the transmitter in any normal way (mic PTT, front panel SEND or CW KEY with VOX on) I do NOT get the 3.2v on pin 2 of the TRX board. So, it is never getting that voltage to the TRX board.
>
> Where should I look? I have yet to download the service manual (I didn't see one here) and the block diagram in the manual does not show the keying circuit, nor can I find it in the schematic there.
>
> What a great resource these groups are. Hope somebody can steer me in the direction to make a Ham without his loved TS-450S happy again!
>
> 73 Kevin K7ZS
>

8344. Mic. processor intermittent TS-850S

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-09-23 15:52:22 UTC
From: kdrosenlund
Topic: 8344 Message: 8344

Hi all,

Has anyone run into a problem on the TS-850S where the mic. processor only turns on some of the time? Many times when I turn it on, it won't work, and the modulation is even lower than it is with it turned off.

I looked inside, pushed in the cable a little, and looked at the processor board, and everything looked OK. I put the radio back together, and it worked for a while. Now it doesn't.

Any ideas? It takes a bit to get to the processor switch to lube it, and repeated pressing won't do it. There are some switching diodes in that circuit, maybe it's one of them or the ribbon connector to the switch?

Thanks,
Kit
KG6PHS

8345. Re: [TS-850_450_690] Re: TS-450 Won't Key

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-09-23 15:50:03 UTC
From: Kevin LaHaie
Topic: 8341 Message: 8345

Hi Cliff

I wondered why it was OFF by default, and now I see it is INHIBIT. I wonder why the receiver MUTES when option 19 is ON?

I have done it both ways, and the radio simply won't key, not even a TX indicator light or anything.

I did download the service manual, so I now see the various boards involved in keying.

I have ruled out the TRX board as pin 2 is not seeing the 3.2v on transmit. So, the problem is 'upstream'. It does not key via any method, CW KEY, STANDBY SWITCH or Microphone PTT, so I have to follow the circuit to a common junction

I am now going to trace backwards from the TRX board - BK IN board and DELAY board are my next boards to check, then VOX.

Any other suspect areas to check?

Thanks for sharing your knowledge with us Kenwood fans!

73 Kevin K7ZS

avvidclif wrote:
Option 19 is Tx Inhibit. When you turn it on the radio will not Tx.

Do a reset and make sure it is off and then try again.

Clif

8346. Re: TS-450 Won't Key

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-09-23 18:25:53 UTC
From: avvidclif
Topic: 8341 Message: 8346

Start by measuring the PTT voltage on Pin 2 of the mic jack. If it's low then figure out why.

Clif

--- In TS-850_450_690@yahoogroups.com, Kevin LaHaie <klahaie@...> wrote:
>
> Hi Cliff
>
> I wondered why it was OFF by default, and now I see it is INHIBIT. I
> wonder why the receiver MUTES when option 19 is ON?
>
> I have done it both ways, and the radio simply won't key, not even a TX
> indicator light or anything.
>
> I did download the service manual, so I now see the various boards
> involved in keying.
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> I have ruled out the TRX board as pin 2 is not seeing the 3.2v on
> transmit. So, the problem is 'upstream'. It does not key via any
> method, CW KEY, STANDBY SWITCH or Microphone PTT, so I have to follow
> the circuit to a common junction
>
> I am now going to trace backwards from the TRX board - BK IN board and
> DELAY board are my next boards to check, then VOX.
>
> Any other suspect areas to check?
>
> Thanks for sharing your knowledge with us Kenwood fans!
>
> 73 Kevin K7ZS
>
> avvidclif wrote:
> Option 19 is Tx Inhibit. When you turn it on the radio will not Tx.
>
> Do a reset and make sure it is off and then try again.
>
> Clif
>

8347. Re: [TS-850_450_690] Kenwood TS450S- Microphone!

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-09-23 19:32:30 UTC
From: Dave ve3wej
Topic: 8342 Message: 8347

i use the hm10 dual on ts 850, works fine. the big decision for you is whether you prefer desk, hand, or boom mikes....

----- Original Message -----
From: russ324rascal
To: TS-850_450_690@yahoogroups.com
Sent: Wednesday, September 23, 2009 10:24 AM
Subject: [TS-850_450_690] Kenwood TS450S- Microphone!

Hello to all, First let me start by saying I am new to the group. My name is Russ and my call sign is K8QF. I just purchased a Kenwood TS450S and I am trying to decide on what microphone to use. I have a heil classic with the HCL 4&5 elements in it. Does any body use the Heil mics with this radio and if so how do they work. Or should I go with a Kenwood mic. Any suggestions would be greatly appreciated. Russ K8QF.

[Non-text portions of this message have been removed]

8348. TS-450 and lambic keyer

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-09-23 18:41:22 UTC
From: adrianbray@ymail.com
Topic: 8348 Message: 8348

Hi all,
I am currently teaching myself CW (cannot find a mentor), been using a straight key with no problems but have now purchased a lambic key and attempted to wire for my rig.
The key in question is a CT Ham Lambic Lever Paddle, I'm using a 3core curly chord to wire key with but no matter which configuration i use i cannot get the key to work.
Can someone please help me with a description of how i wire this key to a 6mm stereo plug and then to base of key....should i be wiring to the 2 front pillars or the 2 rear pillars of key.
Please explain in laymans terms as my tech knowledge is extremely limited (i can solder a PL and can wire an electrical plug but thats it).
Thankyou

Adrian
M3ONL

8349. Re: [TS-850_450_690] TS-450 and lambic keyer

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-09-23 23:12:20 UTC
From: Dave ve3wej
Topic: 8348 Message: 8349

if its like the 850, I seem to remember a toggle switch on the rear of the radio, not sure if the 450 has it, but it had to set to electronic.

there may also be menu toggle

check the manual

----- Original Message -----
From: adrianbray@...
To: TS-850_450_690@yahoogroups.com
Sent: Wednesday, September 23, 2009 2:41 PM
Subject: [TS-850_450_690] TS-450 and lambic keyer

Hi all,
I am currently teaching myself CW (cannot find a mentor), been using a straight key with no problems but have now purchased a lambic key and attempted to wire for my rig.
The key in question is a CT Ham Lambic Lever Paddle, I'm using a 3core curly chord to wire key with but no matter which configuration i use i cannot get the key to work.
Can someone please help me with a description of how i wire this key to a 6mm stereo plug and then to base of key....should i be wiring to the 2 front pillars or the 2 rear pillars of key.
Please explain in laymans terms as my tech knowledge is extremely limited (i can solder a PL and can wire an electrical plug but thats it).
Thankyou

Adrian
M3ONL

[Non-text portions of this message have been removed]

8350. Re: [TS-850_450_690] TS-450 and lambic keyer

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-09-23 23:43:41 UTC
From: Gordon Smith
Topic: 8348 Message: 8350

Adrian...If you are trying to hook up the paddles directly to the key jack, it will not work. The 450 does not have a built in keyer. You will need to get an external electronic keyer. Then follow the instructions in the manual for the plug hookups.

Gordon, kc2bw

----- Original Message -----
From: "Dave ve3wej" <ve3wej@...>
> ----- Original Message -----
> From: adrianbray@...
> To: TS-850_450_690@yahoogroups.com
> Sent: Wednesday, September 23, 2009 2:41 PM
> Subject: [TS-850_450_690] TS-450 and lambic keyer
>
>
> Hi all,
> I am currently teaching myself CW (cannot find a mentor), been using a
> straight key with no problems but have now purchased a lambic key and
> attempted to wire for my rig.
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> cannot get the key to work.
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> 6mm stereo plug and then to base of key....should i be wiring to the 2
> front pillars or the 2 rear pillars of key.
> Please explain in laymans terms as my tech knowledge is extremely limited
> (i can solder a PL and can wire an electrical plug but thats it).
> Thankyou
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> Adrian
> M3ONL
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> [Non-text portions of this message have been removed]
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> THANKS FOR USING TS-850_450_690@...! Groups Links
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8351. Re: TS-450 Won't Key

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-09-24 00:10:15 UTC
From: k7zs
Topic: 8341 Message: 8351

Hi Clif

I guess I was looking from the wrong end!

I had no voltage on pin 2, so followed the wires away from the mic jack - there are 2 groups of wires that come away from it, so removing and replacing those wires at the 2 different places they go solved the problem. Actually, it was the pair of yellow wires that, after removing and replacing from the connector on the board nearest the front of the radio and VOILA! It transmits again.

As always, a BIG thanks to Clif for sharing his extensive knowledge of these radios - the owner of this TS-450S is ECSTATIC that it's repaired.

73 Kevin K7ZS
--- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@...> wrote:
>
> Start by measuring the PTT voltage on Pin 2 of the mic jack. If it's low then figure out why.
>
> Clif
>
>
> --- In TS-850_450_690@yahoogroups.com, Kevin LaHaie <klahaie@> wrote:
> >
> > Hi Cliff
> >
> > I wondered why it was OFF by default, and now I see it is INHIBIT. I
> > wonder why the receiver MUTES when option 19 is ON?
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> > I have done it both ways, and the radio simply won't key, not even a TX
> > indicator light or anything.
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> > I did download the service manual, so I now see the various boards
> > involved in keying.
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> > transmit. So, the problem is 'upstream'. It does not key via any
> > method, CW KEY, STANDBY SWITCH or Microphone PTT, so I have to follow
> > the circuit to a common junction
> >
> > I am now going to trace backwards from the TRX board - BK IN board and
> > DELAY board are my next boards to check, then VOX.
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> > Any other suspect areas to check?
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> > Thanks for sharing your knowledge with us Kenwood fans!

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> > 73 Kevin K7ZS
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> > avvidclif wrote:
> > Option 19 is Tx Inhibit. When you turn it on the radio will not Tx.
> >
> > Do a reset and make sure it is off and then try again.
> >
> > Clif
> >
>

8352. Re: [TS-850_450_690] TS-450 and lambic keyer

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-09-24 00:52:20 UTC
From: Tom Osborne
Topic: 8348 Message: 8352

Hi Adrian

First off, congratulations on learning the code.

I guess you do know that you can't hook the paddle directly to the radio. The TS-450 doesn't have a built0in keyer. You have to use a keyer of some sort.

On the cord, the tip goes to one side, (either dit or dah, depending on the keyer), and the ground goes to the base of the key. You need a 3-wire cord to hook to the paddle and keyer. 73
Tom W7WHY

> Hi all,
> I am currently teaching myself CW (cannot find a mentor), been using a
> straight key with no problems but have now purchased a lambic key and
> attempted to wire for my rig.
> The key in question is a CT Ham Lambic Lever Paddle, I'm using a 3core
> curly chord to wire key with but no matter which configuration i use i
> cannot get the key to work.
> Can someone please help me with a description of how i wire this key to a
> 6mm stereo plug and then to base of key....should i be wiring to the 2
> front pillars or the 2 rear pillars of key.
> Please explain in laymans terms as my tech knowledge is extremely limited
> (i can solder a PL and can wire an electrical plug but thats it).
> Thankyou
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> Adrian
> M3ONL
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> THANKS FOR USING TS-850_450_690@...! Groups Links
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8353. Re: [TS-850_450_690] Kenwood TS450S- Microphone!

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-09-24 01:02:08 UTC
From: Tom Osborne
Topic: 8342 Message: 8353

Hi Russ

I use a Heil boom mike with my TS-450SAT and it works great. I think it has the number 4 element in it.
73
Tom W7WHY

> Hello to all, First let me start by saying I am new to the group. My name
> is Russ and my call sign is K8QF. I just purchased a Kenwood TS450S and I
> am trying to decide on what microphone to use. I have a heil classic with
> the HCL 4&5 elements in it. Does any body use the Heil mics with this
> radio and if so how do they work. Or should I go with a Kenwood mic. Any
> suggestions would be greatly appreciated. Russ K8QF.
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> THANKS FOR USING TS-850_450_690@...! Groups Links
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8354. Re: [TS-850_450_690] TS-450 and lambic keyer

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-09-24 01:06:12 UTC
From: Tom Osborne
Topic: 8348 Message: 8354

Oops, what I meant to write was the tip goes to dit or dah, the ring goes to the other connection and the ground goes to the base of the paddle. Thats why you need a 3-wire cord. Sorry for any confusion. 73
Tom W7WHY

> Hi Adrian
>
> First off, congratulations on learning the code.
>
> I guess you do know that you can't hook the paddle directly to the radio.
> The TS-450 doesn't have a built0in keyer. You have to use a keyer of some
> sort.
>
> On the cord, the tip goes to one side, (either dit or dah, depending on
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> to hook to the paddle and keyer. 73
> Tom W7WHY
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>> Hi all,
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>> Please explain in laymans terms as my tech knowledge is extremely limited
>> (i can solder a PL and can wire an electrical plug but thats it).
>> Thankyou
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>> Adrian
>> M3ONL
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>> THANKS FOR USING TS-850_450_690@...! Groups Links

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8355. Re: [TS-850_450_690] TS-450 and lambic keyer

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-09-24 01:52:21 UTC
From: ka0nem
Topic: 8348 Message: 8355

My 450 doesn't have a keyer (don't remember seeing that as an option). I think you might need a keyer, as the key in the TS-450 is just an open/close affair. Some paddles have a built-in keyer, I have an MFJ that does. You could still use the paddle key with the rig (might need an adapter or change in the plug), but it will not be automatic dits and dahs.

KA0NEM

On Wed, Sep 23, 2009 at 11:41 AM, adrianbray@... <
adrian.m3onl@...> wrote:

>
>
> Hi all,
> I am currently teaching myself CW (cannot find a mentor), been using a
> straight key with no problems but have now purchased a lambic key and
> attempted to wire for my rig.
> The key in question is a CT Ham Lambic Lever Paddle, I'm using a 3core
> curly chord to wire key with but no matter which configuration i use i
> cannot get the key to work.
> Can someone please help me with a description of how i wire this key to a
> 6mm stereo plug and then to base of key....should i be wiring to the 2 front
> pillars or the 2 rear pillars of key.
> Please explain in laymans terms as my tech knowledge is extremely limited
> (i can solder a PL and can wire an electrical plug but thats it).
> Thankyou
>
> Adrian
> M3ONL
>
>
>

[Non-text portions of this message have been removed]

8356. Re: TS-450 Won't Key

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-09-24 01:56:13 UTC
From: ah6rr1
Topic: 8341 Message: 8356

Way to go Kevin ;-) Knew you could find it.
Roland AH6RR

--- In TS-850_450_690@yahoogroups.com, "k7zs" <klahaie@...> wrote:
>
> Hi Clif
>
> I guess I was looking from the wrong end!
>
> I had no voltage on pin 2, so followed the wires away from the mic jack - there are 2 groups of wires that come away from it, so removing and replacing those wires at the 2 different places they go solved the problem. Actually, it was the pair of yellow wires that, after removing and replacing from the connector on the board nearest the front of the radio and VOILA! It transmits again.
>
> As always, a BIG thanks to Clif for sharing his extensive knowledge of these radios - the owner of this TS-450S is ECSTATIC that it's repaired.
>
> 73 Kevin K7ZS
> --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> >
> > Start by measuring the PTT voltage on Pin 2 of the mic jack. If it's low then figure out why.
> >
> > Clif
> >
> >
> > --- In TS-850_450_690@yahoogroups.com, Kevin LaHaie <klahaie@> wrote:
> > >
> > > Hi Cliff
> > >
> > > I wondered why it was OFF by default, and now I see it is INHIBIT. I
> > > wonder why the receiver MUTES when option 19 is ON?
> > >
> > > I have done it both ways, and the radio simply won't key, not even a TX
> > > indicator light or anything.
> > >
> > > I did download the service manual, so I now see the various boards
> > > involved in keying.
> > >
> > > I have ruled out the TRX board as pin 2 is not seeing the 3.2v on
> > > transmit. So, the problem is 'upstream'. It does not key via any
> > > method, CW KEY, STANDBY SWITCH or Microphone PTT, so I have to follow
> > > the circuit to a common junction
> > >

> > > I am now going to trace backwards from the TRX board - BK IN board and
> > > DELAY board are my next boards to check, then VOX.
> > >
> > > Any other suspect areas to check?
> > >
> > > Thanks for sharing your knowledge with us Kenwood fans!
> > >
> > > 73 Kevin K7ZS
> > >
> > > avvidclif wrote:
> > > Option 19 is Tx Inhibit. When you turn it on the radio will not Tx.
> > >
> > > Do a reset and make sure it is off and then try again.
> > >
> > > Clif
> > >
> >
>

8357. RE: [TS-850_450_690] TS-450 and lambic keyer

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-09-24 07:49:24 UTC
From: Adrian Bray
Topic: 8348 Message: 8357

Thankyou to everyone that replied to my question.
I was unaware that an electronic keyer was needed to use the paddles...i was trying to wire them directly to the jack plug on rear of my rig.
Forgive my ignorance..i'm knew to the world of CW and have only used a straight key, ok so i need to purchase an electronic keyer to get my paddles working.....does it have to be a particular keyer or can anyone reccomend 1.

Thanks all for the replies
Adrian
M3ONL

To: TS-850_450_690@yahoogroups.com
From: ka0nem@...
Date: Wed, 23 Sep 2009 18:52:21 -0700
Subject: Re: [TS-850_450_690] TS-450 and lambic keyer

My 450 doesn't have a keyer (don't remember seeing that as an option). I

think you might need a keyer, as the key in the TS-450 is just an open/close

affair. Some paddles have a built-in keyer, I have an MFJ that does. You

could still use the paddle key with the rig (might need an adapter or change

in the plug), but it will not be automatic dits and dahs.

KA0NEM

On Wed, Sep 23, 2009 at 11:41 AM, adrianbray@... <

adrian.m3onl@...> wrote:

>

>

> Hi all,

> I am currently teaching myself CW (cannot find a mentor), been using a

> straight key with no problems but have now purchased a lambic key and

> attempted to wire for my rig.

> The key in question is a CT Ham Lambic Lever Paddle, I'm using a 3core

> curly chord to wire key with but no matter which configuration i use i

> cannot get the key to work.

> Can someone please help me with a description of how i wire this key to a

> 6mm stereo plug and then to base of key....should i be wiring to the 2 front

> pillars or the 2 rear pillars of key.

> Please explain in laymans terms as my tech knowledge is extremely limited

> (i can solder a PL and can wire an electrical plug but thats it).

> Thankyou

>

> Adrian

> M3ONL

>

>

>

[Non-text portions of this message have been removed]

With Windows Live, you can organise, edit, and share your photos.
http://clk.atdmt.com/UKM/go/134665338/direct/01/

[Non-text portions of this message have been removed]

8358. Re: [TS-850_450_690] Kenwood TS450S- Microphone!

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-09-24 13:33:06 UTC
From: Anthony W. DePrato
Topic: 8342 Message: 8358

>Hi Russ

forget the kenwd mic's go with the Heil ! am using them on my
570.950, and 850's ...
73 Tony

QBE ZUT DE WA4JQS

ANTHONY W. (Tony) DePrato WA4JQS EXTRA - HEAVY
Since 1962
CQ DX HALL OF FAME # 35
DXCC HONOR ROLL - 340
A1-OP FISTS # 10573 SKCC #1227 F.O.P. LODGE 68
DXCC PHONE- DXCC CW- DXCC RTTY- DXCC MIXED-5BDXCC
DXCC 80, 40, 20, 15, 10 METERS WAC SSB WAC CW WAC RTTY WAC SAT
South Sandwich Island Dxpedition Group
CALLS HELD:
WA4JQS/ZS1, WA4JQS/KC4, WA4JQS/4K1
ZD8JQS, V31SS, VP8BZL, VP8SSI, 3Y0PI

[Non-text portions of this message have been removed]

8359. Re: [TS-850_450_690] Kenwood TS450S- Microphone!

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-09-24 14:09:18 UTC
From: James Christiansen
Topic: 8342 Message: 8359

Hi Russ, I use Heil mics as well. I use the Goldline GM5. I used the narros element for dxing. I have found the wide element works really good with the high-boost on with the TS850 for 40m ragchewing. Not sure if the 450 has the high boost feature. If it does not, you might be best with the HM-10 that has both the HC-5 and the HC-4 elements.

Mike, N4GW

From: Anthony W. DePrato <wa4jqs@mikrotec.com>
To: TS-850_450_690@yahoogroups.com
Sent: Thursday, September 24, 2009 9:33:06 AM
Subject: Re: [TS-850_450_690] Kenwood TS450S- Microphone!

>Hi Russ

forget the kenwd mic's go with the Heil ! am using them on my
570.950, and 850's ...
73 Tony

QBE ZUT DE WA4JQS

ANTHONY W. (Tony) DePrato WA4JQS EXTRA - HEAVY
Since 1962
CQ DX HALL OF FAME # 35
DXCC HONOR ROLL - 340
A1-OP FISTS # 10573 SKCC #1227 F.O.P. LODGE 68
DXCC PHONE- DXCC CW- DXCC RTTY- DXCC MIXED-5BDXCC
DXCC 80, 40, 20, 15, 10 METERS WAC SSB WAC CW WAC RTTY WAC SAT
South Sandwich Island Dxpedition Group
CALLS HELD:
WA4JQS/ZS1, WA4JQS/KC4, WA4JQS/4K1
ZD8JQS, V31SS, VP8BZL, VP8SSI, 3Y0PI

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[Non-text portions of this message have been removed]

8360. DDS CHIPS

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-09-24 21:07:12 UTC
From: John
Topic: 8360 Message: 8360

Didnt take long for people trying to cash in on the obselete YM66312.

http://cgi.ebay.com/NEW-4ea-YM66312-DDS-Chips-for-Kenwood-TS-850-TS-450_W0QQitemZ190333193170QQihZ009QQcategoryZ4674QQcmdZViewItemQQ_trksidZp3286.m7QQ_trkparmsZalgo%3DLVI%26itu%3DUCI%26otn%3D1%26ps%3D6

have a look at this link on ebay.

8361. TS-690S Filters -Kenwood SP-31

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-09-24 22:07:09 UTC
From: k8yzk
Topic: 8361 Message: 8361

Hello to All. I traded for a TS-690S and it came with the SSB in the 8.83 slot. Is there a easy way to switch the filter in/out of the receive. I know there is the thru selection but I am trying something out.

Also looking for 8.83 cw filter and a good used SP-31, if anyone has one for sale.

Thanks and 73
Kurt

8362. Re: [TS-850_450_690] DDS CHIPS

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-09-24 22:32:53 UTC
From: Shauney@btinternet
Topic: 8360 Message: 8362

He was selling them a couple of months back, i was tempted but not at that price.il go halfs with you john you can pay the postage.

--- On Thu, 24/9/09, John <mm3cbo@...> wrote:

From: John <mm3cbo@...>
Subject: [TS-850_450_690] DDS CHIPS
To: TS-850_450_690@yahoogroups.com
Date: Thursday, 24 September, 2009, 11:07 PM

Didnt take long for people trying to cash in on the obselete YM66312.

http://cgi.ebay. com/NEW-4ea- YM66312-DDS- Chips-for- Kenwood-TS- 850-TS-450_ W0QQitemZ1903331 93170QQihZ009QQc ategoryZ4674QQcm dZViewItemQQ_ trksidZp3286. m7QQ_trkparmsZal go%3DLVI% 26itu%3DUCI% 26otn%3D1% 26ps%3D6

have a look at this link on ebay.

[Non-text portions of this message have been removed]

8363. Re: [TS-850_450_690] DDS CHIPS

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-09-24 22:56:52 UTC
From: Crownhaven
Topic: 8360 Message: 8363

I have four YM6631s in the Kenwood boxes, yellow label, looks like a Kenwood receipt showing shipment to US on 8/3/03. Purchased from East Coast Parts on 4/8/08 @ $28.00 each. I have not sure if either of my two TS-850s have the upgraded chips or have ever had theirs replaced. I'm glad I have these.

Steve, N4JQQ

John wrote:
>
>
> Didnt take long for people trying to cash in on the obselete YM66312.
>
> http://cgi.ebay.com/NEW-4ea-YM66312-DDS-Chips-for-Kenwood-TS-850-TS-450_W0QQitemZ190333193170QQihZ009QQcategoryZ4674QQcmdZViewItemQQ_trksidZp3286.m7QQ_trkparmsZalgo%3DLVI%26itu%3DUCI%26otn%3D1%26ps%3D6
> <http://cgi.ebay.com/NEW-4ea-YM66312-DDS-Chips-for-Kenwood-TS-850-TS-450_W0QQitemZ190333193170QQihZ009QQcategoryZ4674QQcmdZViewItemQQ_trksidZp3286.m7QQ_trkparmsZalgo%3DLVI%26itu%3DUCI%26otn%3D1%26ps%3D6>
>
> have a look at this link on ebay.
>
>

8364. Re: [TS-850_450_690] DDS CHIPS

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-09-24 22:59:03 UTC
From: Crownhaven
Topic: 8360 Message: 8364

I meant mine were 66312. Sorry about that.

John wrote:
>
>
> Didnt take long for people trying to cash in on the obselete YM66312.
>
> http://cgi.ebay.com/NEW-4ea-YM66312-DDS-Chips-for-Kenwood-TS-850-TS-450_W0QQitemZ190333193170QQihZ009QQcategoryZ4674QQcmdZViewItemQQ_trksidZp3286.m7QQ_trkparmsZalgo%3DLVI%26itu%3DUCI%26otn%3D1%26ps%3D6
> <http://cgi.ebay.com/NEW-4ea-YM66312-DDS-Chips-for-Kenwood-TS-850-TS-450_W0QQitemZ190333193170QQihZ009QQcategoryZ4674QQcmdZViewItemQQ_trksidZp3286.m7QQ_trkparmsZalgo%3DLVI%26itu%3DUCI%26otn%3D1%26ps%3D6>
>
> have a look at this link on ebay.
>
>

8365. RE: [TS-850_450_690] DDS CHIPS

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-09-24 22:59:19 UTC
From: Steve
Topic: 8360 Message: 8365

Aren't the ones people look for are the YM66312?

Thanks,
Steve Restinetti
VA3FM / VE3SFV
va3fm@...
ve3sfv@...

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of Crownhaven
Sent: Thursday, September 24, 2009 6:57 PM
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] DDS CHIPS

I have four YM6631s in the Kenwood boxes, yellow label, looks like a
Kenwood receipt showing shipment to US on 8/3/03. Purchased from East
Coast Parts on 4/8/08 @ $28.00 each. I have not sure if either of my
two TS-850s have the upgraded chips or have ever had theirs replaced.
I'm glad I have these.

Steve, N4JQQ

John wrote:
>
>
> Didnt take long for people trying to cash in on the obselete YM66312.
>
>
http://cgi.ebay.com/NEW-4ea-YM66312-DDS-Chips-for-Kenwood-TS-850-TS-450_W0QQ
itemZ190333193170QQihZ009QQcategoryZ4674QQcmdZViewItemQQ_trksidZp3286.m7QQ_t
rkparmsZalgo%3DLVI%26itu%3DUCI%26otn%3D1%26ps%3D6
>
<http://cgi.ebay.com/NEW-4ea-YM66312-DDS-Chips-for-Kenwood-TS-850-TS-450_W0Q
QitemZ190333193170QQihZ009QQcategoryZ4674QQcmdZViewItemQQ_trksidZp3286.m7QQ_
trkparmsZalgo%3DLVI%26itu%3DUCI%26otn%3D1%26ps%3D6>
>
> have a look at this link on ebay.
>
>

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 8.5.409 / Virus Database: 270.13.112/2393 - Release Date: 09/24/09
18:00:00

[Non-text portions of this message have been removed]

8366. Re: [TS-850_450_690] TS-690S Filters -Kenwood SP-31

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-09-25 00:50:50 UTC
From: Tom Osborne
Topic: 8361 Message: 8366

HiKurt

Push the 8.83 button. That switches the filter and out. It should step
through THRU, 6K, and 2.4. 73
Tom W7WHY

> Hello to All. I traded for a TS-690S and it came with the SSB in the 8.83
> slot. Is there a easy way to switch the filter in/out of the receive. I
> know there is the thru selection but I am trying something out.
>
> Also looking for 8.83 cw filter and a good used SP-31, if anyone has one
> for sale.
>
> Thanks and 73
> Kurt
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>
>

8367. Re: [TS-850_450_690] TS-690S Filters -Kenwood SP-31

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-09-25 01:12:40 UTC
From: Kurt Tuttle
Topic: 8361 Message: 8367

Thanks Tom, that is what I thought but wanted to make sure. The manual is not the best.
73
Kurt

--- On Thu, 9/24/09, Tom Osborne <w7why@...> wrote:

From: Tom Osborne <w7why@...>
Subject: Re: [TS-850_450_690] TS-690S Filters -Kenwood SP-31
To: TS-850_450_690@yahoogroups.com
Date: Thursday, September 24, 2009, 8:50 PM

HiKurt

Push the 8.83 button. That switches the filter and out. It should step
through THRU, 6K, and 2.4. 73
Tom W7WHY

> Hello to All. I traded for a TS-690S and it came with the SSB in the 8.83
> slot. Is there a easy way to switch the filter in/out of the receive. I
> know there is the thru selection but I am trying something out.
>
> Also looking for 8.83 cw filter and a good used SP-31, if anyone has one
> for sale.
>
> Thanks and 73
> Kurt
>
>
>
> ------------ --------- --------- ------
>
> THANKS FOR USING TS-850_450_690@ YAHOOGROUPS. COMYahoo! Groups Links
>
>
>
>

[Non-text portions of this message have been removed]

8368. Re: DDS CHIPS

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-09-25 07:20:37 UTC
From: John
Topic: 8360 Message: 8368

--- In TS-850_450_690@yahoogroups.com, "Shauney@..." <shaun.townsend@...> wrote:
>
> He was selling them a couple of months back, i was tempted but not at that price.il go halfs with you john you can pay the postage.
>
> I take you are still looking for them Shaun ? ive got 2 i had 4 but i put 2 in a 450 for a local ham before i knew they were discontinued, you can imagine my thoughts when i tried to order them from East Coast.
John
> --- On Thu, 24/9/09, John <mm3cbo@...> wrote:
>
>
> From: John <mm3cbo@...>
> Subject: [TS-850_450_690] DDS CHIPS
> To: TS-850_450_690@yahoogroups.com
> Date: Thursday, 24 September, 2009, 11:07 PM
>
>
>
>
>
>
> Didnt take long for people trying to cash in on the obselete YM66312.
>
> http://cgi.ebay. com/NEW-4ea- YM66312-DDS- Chips-for- Kenwood-TS- 850-TS-450_ W0QQitemZ1903331 93170QQihZ009QQc ategoryZ4674QQcm dZViewItemQQ_ trksidZp3286. m7QQ_trkparmsZal go%3DLVI% 26itu%3DUCI% 26otn%3D1% 26ps%3D6
>
> have a look at this link on ebay.
>
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> [Non-text portions of this message have been removed]
>

8369. Only 10W on Rtty/FSK

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-09-26 08:46:49 UTC
From: CT1EEK Nuno
Topic: 8369 Message: 8369

Hello!

Don't understand it!

On my TS-850 SSB 8/100W, at the same time on RTTY/FSK 10/15W, is that a power supply problem?

Any help ere?

Nuno CT1EEK
IM59HD

[Non-text portions of this message have been removed]

8370. Re: [TS-850_450_690] Only 10W on Rtty/FSK

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-09-26 10:42:15 UTC
From: Dave ve3wej
Topic: 8369 Message: 8370

using sound card or rtty machine???

Suggest check audio level from computer or device may be much lower than you rmike audio level

Dave

----- Original Message -----
From: CT1EEK Nuno
To: TS-850_450_690@yahoogroups.com
Sent: Saturday, September 26, 2009 4:46 AM
Subject: [TS-850_450_690] Only 10W on Rtty/FSK

Hello!

Don't understand it!

On my TS-850 SSB 8/100W, at the same time on RTTY/FSK 10/15W, is that a power supply problem?

Any help ere?

Nuno CT1EEK
IM59HD

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

8371. Re: Only 10W on Rtty/FSK

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-09-26 12:45:25 UTC
From: avvidclif
Topic: 8369 Message: 8371

Turn the Car control up.

Clif

--- In TS-850_450_690@yahoogroups.com, "CT1EEK Nuno" <nunoct1eek@...> wrote:
>
> Hello!
>
> Don't understand it!
>
> On my TS-850 SSB 8/100W, at the same time on RTTY/FSK 10/15W, is that a power supply problem?
>
> Any help ere?
>
>
> Nuno CT1EEK
> IM59HD
>
> [Non-text portions of this message have been removed]
>

8372. TS450 Parts

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-09-26 13:22:12 UTC
From: Tim
Topic: 8372 Message: 8372

I have many parts avalible for this unit excluding the pa unit as it is faulty..Let me know what you need..I am looking for a nice front panel if anyone has one..Thanks

8373. Re: [TS-850_450_690] Re: Only 10W on Rtty/FSK

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-09-26 13:53:59 UTC
From: CT1EEK Nuno
Topic: 8369 Message: 8373

Many Thanks Clif a Dave!

It was the CAR level on my DSP-100.

Now 100%!

;_))

Nuno CT1EEK
IM59HD

----- Original Message -----
From: avvidclif
To: TS-850_450_690@yahoogroups.com
Sent: Saturday, September 26, 2009 1:45 PM
Subject: [TS-850_450_690] Re: Only 10W on Rtty/FSK

Turn the Car control up.

Clif

--- In TS-850_450_690@yahoogroups.com, "CT1EEK Nuno" <nunoct1eek@...> wrote:
>
> Hello!
>
> Don't understand it!
>
> On my TS-850 SSB 8/100W, at the same time on RTTY/FSK 10/15W, is that a power supply problem?
>
> Any help ere?
>
>
> Nuno CT1EEK
> IM59HD
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

8374. Re: [TS-850_450_690] Re: Only 10W on Rtty/FSK

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-09-26 14:40:07 UTC
From: Crownhaven
Topic: 8369 Message: 8374

And that will be $25.00 please........

CT1EEK Nuno wrote:
>
>
> Many Thanks Clif a Dave!
>
> It was the CAR level on my DSP-100.
>
> Now 100%!
>
> ;_))
>
> Nuno CT1EEK
> IM59HD
>
> ----- Original Message -----
> From: avvidclif
> To: TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>
> Sent: Saturday, September 26, 2009 1:45 PM
> Subject: [TS-850_450_690] Re: Only 10W on Rtty/FSK
>
> Turn the Car control up.
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>, "CT1EEK Nuno"
> <nunoct1eek@...> wrote:
> >
> > Hello!
> >
> > Don't understand it!
> >
> > On my TS-850 SSB 8/100W, at the same time on RTTY/FSK 10/15W, is
> that a power supply problem?
> >
> > Any help ere?
> >
> >
> > Nuno CT1EEK
> > IM59HD
> >
> > [Non-text portions of this message have been removed]

> >
>
> [Non-text portions of this message have been removed]
>
>

8375. Re: [TS-850_450_690] Re: Only 10W on Rtty/FSK

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-09-26 14:42:35 UTC
From: Crownhaven
Topic: 8369 Message: 8375

Brincadeira Nuno!

Steve, N4JQQ

CT1EEK Nuno wrote:
>
>
> Many Thanks Clif a Dave!
>
> It was the CAR level on my DSP-100.
>
> Now 100%!
>
> ;_))
>
> Nuno CT1EEK
> IM59HD
>
> ----- Original Message -----
> From: avvidclif
> To: TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>
> Sent: Saturday, September 26, 2009 1:45 PM
> Subject: [TS-850_450_690] Re: Only 10W on Rtty/FSK
>
> Turn the Car control up.
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>, "CT1EEK Nuno"
> <nunoct1eek@...> wrote:
> >
> > Hello!
> >
> > Don't understand it!
> >
> > On my TS-850 SSB 8/100W, at the same time on RTTY/FSK 10/15W, is
> that a power supply problem?
> >
> > Any help ere?
> >
> >
> > Nuno CT1EEK
> > IM59HD

> >
> > [Non-text portions of this message have been removed]
> >
>
> [Non-text portions of this message have been removed]
>
>

8376. Re: [TS-850_450_690] Re: Only 10W on Rtty/FSK

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-09-26 14:49:22 UTC
From: CT1EEK Nuno
Topic: 8369 Message: 8376

It's cheap Steve!

:-)))

Nuno CT1EEK
IM59HD

----- Original Message -----
From: Crownhaven
To: TS-850_450_690@yahoogroups.com
Sent: Saturday, September 26, 2009 3:42 PM
Subject: Re: [TS-850_450_690] Re: Only 10W on Rtty/FSK

Brincadeira Nuno!

Steve, N4JQQ

CT1EEK Nuno wrote:
>
>
> Many Thanks Clif a Dave!
>
> It was the CAR level on my DSP-100.
>
> Now 100%!
>
> ;_))
>
> Nuno CT1EEK
> IM59HD
>
> ----- Original Message -----
> From: avvidclif
> To: TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>
> Sent: Saturday, September 26, 2009 1:45 PM
> Subject: [TS-850_450_690] Re: Only 10W on Rtty/FSK
>
> Turn the Car control up.
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>, "CT1EEK Nuno"
> <nunoct1eek@...> wrote:
> >

> > Hello!
> >
> > Don't understand it!
> >
> > On my TS-850 SSB 8/100W, at the same time on RTTY/FSK 10/15W, is
> that a power supply problem?
> >
> > Any help ere?
> >
> >
> > Nuno CT1EEK
> > IM59HD
> >
> > [Non-text portions of this message have been removed]
> >
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

8377. Re: Only 10W on Rtty/FSK

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-09-27 01:06:23 UTC
From: avvidclif
Topic: 8369 Message: 8377

If I ever make it to Portugal you're buying the refreshments and Coke doesn't count.

Clif

--- In TS-850_450_690@yahoogroups.com, "CT1EEK Nuno" <nunoct1eek@...> wrote:
>
> It's cheap Steve!
>
> :-)))
>
> Nuno CT1EEK
> IM59HD
>
>
> ----- Original Message -----
> From: Crownhaven
> To: TS-850_450_690@yahoogroups.com
> Sent: Saturday, September 26, 2009 3:42 PM
> Subject: Re: [TS-850_450_690] Re: Only 10W on Rtty/FSK
>
>
>
> Brincadeira Nuno!
>
> Steve, N4JQQ
>
> CT1EEK Nuno wrote:
> >
> >
> > Many Thanks Clif a Dave!
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> > It was the CAR level on my DSP-100.
> >
> > Now 100%!
> >
> > ;_))
> >
> > Nuno CT1EEK
> > IM59HD
> >
> > ----- Original Message -----
> > From: avvidclif
> > To: TS-850_450_690@yahoogroups.com
> > <mailto:TS-850_450_690%40yahoogroups.com>
> > Sent: Saturday, September 26, 2009 1:45 PM

> > Subject: [TS-850_450_690] Re: Only 10W on Rtty/FSK
> >
> > Turn the Car control up.
> >
> > Clif
> >
> > --- In TS-850_450_690@yahoogroups.com
> > <mailto:TS-850_450_690%40yahoogroups.com>, "CT1EEK Nuno"
> > <nunoct1eek@> wrote:
> > >
> > > Hello!
> > >
> > > Don't understand it!
> > >
> > > On my TS-850 SSB 8/100W, at the same time on RTTY/FSK 10/15W, is
> > that a power supply problem?
> > >
> > > Any help ere?
> > >
> > >
> > > Nuno CT1EEK
> > > IM59HD
> > >
> > > [Non-text portions of this message have been removed]
> > >
> >
> > [Non-text portions of this message have been removed]
> >
> >
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>
> [Non-text portions of this message have been removed]
>

8378. Re: Only 10W on Rtty/FSK

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-09-27 01:50:44 UTC
From: ah6rr1
Topic: 8369 Message: 8378

Clif they don't have Lone Star in Portugal ;-)
Roland Ah6RR ex N5JKJ

--- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@...> wrote:
>
> If I ever make it to Portugal you're buying the refreshments and Coke doesn't count.
>
> Clif
>
>
> --- In TS-850_450_690@yahoogroups.com, "CT1EEK Nuno" <nunoct1eek@> wrote:
> >
> > It's cheap Steve!
> >
> > :-)))
> >
> > Nuno CT1EEK
> > IM59HD
> >
> >
> > ----- Original Message -----
> > From: Crownhaven
> > To: TS-850_450_690@yahoogroups.com
> > Sent: Saturday, September 26, 2009 3:42 PM
> > Subject: Re: [TS-850_450_690] Re: Only 10W on Rtty/FSK
> >
> >
> >
> > Brincadeira Nuno!
> >
> > Steve, N4JQQ
> >
> > CT1EEK Nuno wrote:
> > >
> > >
> > > Many Thanks Clif a Dave!
> > >
> > > It was the CAR level on my DSP-100.
> > >
> > > Now 100%!
> > >
> > > ;_))
> > >
> > > Nuno CT1EEK
> > > IM59HD

> > >
> > > ----- Original Message -----
> > > From: avvidclif
> > > To: TS-850_450_690@yahoogroups.com
> > > <mailto:TS-850_450_690%40yahoogroups.com>
> > > Sent: Saturday, September 26, 2009 1:45 PM
> > > Subject: [TS-850_450_690] Re: Only 10W on Rtty/FSK
> > >
> > > Turn the Car control up.
> > >
> > > Clif
> > >
> > > --- In TS-850_450_690@yahoogroups.com
> > > <mailto:TS-850_450_690%40yahoogroups.com>, "CT1EEK Nuno"
> > > <nunoct1eek@> wrote:
> > > >
> > > > Hello!
> > > >
> > > > Don't understand it!
> > > >
> > > > On my TS-850 SSB 8/100W, at the same time on RTTY/FSK 10/15W, is
> > > that a power supply problem?
> > > >
> > > > Any help ere?
> > > >
> > > >
> > > > Nuno CT1EEK
> > > > IM59HD
> > > >
> > > > [Non-text portions of this message have been removed]
> > > >
> > >
> > > [Non-text portions of this message have been removed]
> > >
> > >
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> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>

8379. Re: [TS-850_450_690] TS450 Parts

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-09-27 16:26:58 UTC
From: Tom Osborne
Topic: 8372 Message: 8379

How much would you want for the board that has the computer interface on
the side? Thanks and 73
Tom W7WHY

>I have many parts avalible for this unit excluding the pa unit as it is
>faulty..Let me know what you need..I am looking for a nice front panel if
>anyone has one..Thanks
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>
>

8380. Re: [TS-850_450_690] TS450 Parts

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-09-27 16:37:36 UTC
From: ka0nem
Topic: 8372 Message: 8380

I REALLY need the AF/RF pot, the whole board would be great, but mainly the
dual pot.
email me at ka0nem at w2bn dot org

Thanks,

Jess

On Sat, Sep 26, 2009 at 6:22 AM, Tim <tim_luvs_dawn@...> wrote:

>
>
> I have many parts avalible for this unit excluding the pa unit as it is
> faulty..Let me know what you need..I am looking for a nice front panel if
> anyone has one..Thanks
>
>
>

[Non-text portions of this message have been removed]

8381. Re: TS450 Parts

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-09-27 17:48:32 UTC
From: Tim
Topic: 8372 Message: 8381

--- In TS-850_450_690@yahoogroups.com, "Tom Osborne" <w7why@...> wrote:
>
> How much would you want for the board that has the computer interface on
> the side? Thanks and 73
> Tom W7WHY
>
>
>
> >I have many parts avalible for this unit excluding the pa unit as it is
> >faulty..Let me know what you need..I am looking for a nice front panel if
> >anyone has one..Thanks
> >
> >
> >
> > ------------------------------------
> >
> > THANKS FOR USING TS-850_450_690@...! Groups Links
> >
> >
> >
> >
>
Anyone needing parts email me at n4dxx@... that way i will have your email address or you can call me at 1-606-673-1341

8382. TS850 guy in N. Ill/S. Wis??

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-09-27 19:02:44 UTC
From: garyk9gs
Topic: 8382 Message: 8382

Hello all,

Is there anyone in the Northern Illinois/Southern Wisconsin area that works on TS-850's? I've used Aavid in the past and am very satisfied (thanks Clif)!

I have an 850 and I have one or two friends with 850s and we all want to get the Carrier Board caps replaced, battery replaced and the external receive antenna mod done.

We're all the other side of 40 and the eyesight isn't what it used to be so working on SM populated PCBAs is not looking too attractive. What we were hoping is to avoid the shipping and loss of radios and find someone locally to do this.

Anyone out there??

73,
Gary

++
K9GS
Gary Schwartz email: k9gs(at)arrl.net
Check out K9NS on the web: http://www.k9ns.com
Society of Midwest Contesters (SMC) GMDXA
++

8383. TS-850SAT Mods

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-09-28 22:23:19 UTC
From: g3liv
Topic: 8383 Message: 8383

Hi

I have had a TS-850 for some 12 years now.
Has there been any real worthwhile mods over the years.

Front end upgrades or the like.

Just interested

de Johnny G3LIV

8384. Re: [TS-850_450_690] TS-850SAT Mods

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-09-28 22:47:28 UTC
From: Crownhaven
Topic: 8383 Message: 8384

International Radio just came out with a roofing filter that everyone seems to rave about. Check out their web page or go to the archives here. I think Roland reviewed one in his radio.

Steve, N4JQQ

g3liv wrote:
>
>
> Hi
>
> I have had a TS-850 for some 12 years now.
> Has there been any real worthwhile mods over the years.
>
> Front end upgrades or the like.
>
> Just interested
>
> de Johnny G3LIV
>
>

8385. Re: TS-850SAT Mods

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-09-28 23:36:05 UTC
From: ah6rr1
Topic: 8383 Message: 8385

Aloha Johnny,

Yes the Inrad Roofing filter is the best front end mod out there it brings the 850 up to more modern radio specs as far as close in rejection of strong signals. It is worth the money and then some I highly recomend it to anyone who wants to work weak signals on a crowded band. I have worked stations just above the noise floor 3-4 khz from a S9+ signals. With the Great receiver in the 850 the roofing filter makes it a Real World Class radio. I wish I had a DSP-100 with that it would kick some of the $4000 dollar radios butt it comes close with out the DSP-100. If any of you guy's reading have not installed the Roofing filter yet do so ASAP you'll be glad you did.
73,
Roland AH6RR

-- In TS-850_450_690@yahoogroups.com, "g3liv" <johnny@...> wrote:
>
> Hi
>
> I have had a TS-850 for some 12 years now.
> Has there been any real worthwhile mods over the years.
>
> Front end upgrades or the like.
>
> Just interested
>
> de Johnny G3LIV
>

8386. Re: [TS-850_450_690] Re: TS-850SAT Mods

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-09-29 00:20:02 UTC
From: bayuh@yahoo.com
Topic: 8383 Message: 8386

In there a same kind of roofing filters for 450/690 fams?

73
Bayu/YC1RJ

Sent from my BlackBerry?
powered by Sinyal Kuat INDOSAT

-----Original Message-----
From: "ah6rr1" <Toesonnose@...>
Date: Mon, 28 Sep 2009 23:36:05
To: <TS-850_450_690@yahoogroups.com>
Subject: [TS-850_450_690] Re: TS-850SAT Mods

Aloha Johnny,

Yes the Inrad Roofing filter is the best front end mod out there it brings the 850 up to more modern radio specs as far as close in rejection of strong signals. It is worth the money and then some I highly recomend it to anyone who wants to work weak signals on a crowded band. I have worked stations just above the noise floor 3-4 khz from a S9+ signals. With the Great receiver in the 850 the roofing filter makes it a Real World Class radio. I wish I had a DSP-100 with that it would kick some of the $4000 dollar radios butt it comes close with out the DSP-100. If any of you guy's reading have not installed the Roofing filter yet do so ASAP you'll be glad you did.
73,
Roland AH6RR

-- In TS-850_450_690@yahoogroups.com, "g3liv" <johnny@...> wrote:
>
> Hi
>
> I have had a TS-850 for some 12 years now.
> Has there been any real worthwhile mods over the years.
>
> Front end upgrades or the like.
>
> Just interested
>
> de Johnny G3LIV
>

[Non-text portions of this message have been removed]

8387. Re: TS-850SAT Mods

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-09-29 00:26:47 UTC
From: ah6rr1
Topic: 8383 Message: 8387

As far as I know they do not make one for the 450/690.
73,
Roland AH6RR

--- In TS-850_450_690@yahoogroups.com, bayuh@... wrote:
>
> In there a same kind of roofing filters for 450/690 fams?
>
> 73
> Bayu/YC1RJ
>
> Sent from my BlackBerry®
> powered by Sinyal Kuat INDOSAT
>
> -----Original Message-----
> From: "ah6rr1" <Toesonnose@...>
> Date: Mon, 28 Sep 2009 23:36:05
> To: <TS-850_450_690@yahoogroups.com>
> Subject: [TS-850_450_690] Re: TS-850SAT Mods
>
> Aloha Johnny,
>
> Yes the Inrad Roofing filter is the best front end mod out there it brings the 850 up to more modern radio specs as far as close in rejection of strong signals. It is worth the money and then some I highly recomend it to anyone who wants to work weak signals on a crowded band. I have worked stations just above the noise floor 3-4 khz from a S9+ signals. With the Great receiver in the 850 the roofing filter makes it a Real World Class radio. I wish I had a DSP-100 with that it would kick some of the $4000 dollar radios butt it comes close with out the DSP-100. If any of you guy's reading have not installed the Roofing filter yet do so ASAP you'll be glad you did.
> 73,
> Roland AH6RR
>
>
>
> -- In TS-850_450_690@yahoogroups.com, "g3liv" <johnny@> wrote:
> >
> > Hi
> >
> > I have had a TS-850 for some 12 years now.
> > Has there been any real worthwhile mods over the years.
> >
> > Front end upgrades or the like.
> >
> > Just interested

> >
> > de Johnny G3LIV
> >
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

8388. Re: [TS-850_450_690] Re: TS-850SAT Mods

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-09-29 01:29:02 UTC
From: Mike Blazek
Topic: 8383 Message: 8388

There's a note on Inrad's website that they researched making a roofing filter for the 450/690, but due to "physical/mechanical considerations" it wouldn't be practical to produce. However, they do offer a couple of "experimental" items if you want to try it yourself.

73,
Mike N5UKZ

ah6rr1 wrote:
>
>
> As far as I know they do not make one for the 450/690.
> 73,
> Roland AH6RR
>
> --- In TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>, bayuh@... wrote:
> >
> > In there a same kind of roofing filters for 450/690 fams?
> >
> > 73
> > Bayu/YC1RJ
> >
>

8389. Re: [TS-850_450_690] Re: TS-850SAT Mods

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-09-29 12:19:04 UTC
From: Crownhaven
Topic: 8383 Message: 8389

Roland, does the mod affect the current filtering of the radio? Is the receiver narrower on SSB for example with the 2.7 K filters both enabled????? I'm talking about differences in audio if this is making any sense.

Thanks for your patience.

Steve

ah6rr1 wrote:
>
>
> As far as I know they do not make one for the 450/690.
> 73,
> Roland AH6RR
>
> --- In TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>, bayuh@... wrote:
> >
> > In there a same kind of roofing filters for 450/690 fams?
> >
> > 73
> > Bayu/YC1RJ
> >
> > Sent from my BlackBerry?
> > powered by Sinyal Kuat INDOSAT
> >
> > -----Original Message-----
> > From: "ah6rr1" <Toesonnose@...>
> > Date: Mon, 28 Sep 2009 23:36:05
> > To: <TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>>
> > Subject: [TS-850_450_690] Re: TS-850SAT Mods
> >
> > Aloha Johnny,
> >
> > Yes the Inrad Roofing filter is the best front end mod out there it
> brings the 850 up to more modern radio specs as far as close in
> rejection of strong signals. It is worth the money and then some I
> highly recomend it to anyone who wants to work weak signals on a
> crowded band. I have worked stations just above the noise floor 3-4
> khz from a S9+ signals. With the Great receiver in the 850 the roofing
> filter makes it a Real World Class radio. I wish I had a DSP-100 with
> that it would kick some of the $4000 dollar radios butt it comes close
> with out the DSP-100. If any of you guy's reading have not installed
> the Roofing filter yet do so ASAP you'll be glad you did.

> > 73,
> > Roland AH6RR
> >
> >
> >
> > -- In TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>, "g3liv" <johnny@> wrote:
> > >
> > > Hi
> > >
> > > I have had a TS-850 for some 12 years now.
> > > Has there been any real worthwhile mods over the years.
> > >
> > > Front end upgrades or the like.
> > >
> > > Just interested
> > >
> > > de Johnny G3LIV
> > >
> >
> >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>
>

8390. Re: TS-850SAT Mods

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-09-29 08:04:48 UTC
From: tk5ep
Topic: 8383 Message: 8390

Hi all,

There has been some lab tests made by DL6RAI/DK4YJ on a modified TS850 + INRAD roofing filter.

The global sensitivity is reduced by 3dB due to the higher insertion loss.
The IP3 is improved by 2.5dB for signals spacing outside the original filter bandwith (20 kHz) and about 8-9dB for closer spacing <10 kHz.

In practice, they could not notice any big improvements even on a crowded band... A blind test has been made with 2 other ops with same result.

On the other hand, the -3dB in sensitivity was very noticeable, especialy on the higher bands.

Original page (in german) :
http://www.bavarian-contest-club.de/reviews/Erste-Eindruecke-vom-INRAD-Roofing-Filter-fuer-den-TS-850;art32,1100

Just my 2 cents,
73, Patrick

--- In TS-850_450_690@yahoogroups.com, "ah6rr1" <Toesonnose@...> wrote:
>
> Aloha Johnny,
>
> Yes the Inrad Roofing filter is the best front end mod out there it brings the 850 up to more modern radio specs as far as close in rejection of strong signals. It is worth the money and then some I highly recomend it to anyone who wants to work weak signals on a crowded band. I have worked stations just above the noise floor 3-4 khz from a S9+ signals. With the Great receiver in the 850 the roofing filter makes it a Real World Class radio. I wish I had a DSP-100 with that it would kick some of the $4000 dollar radios butt it comes close with out the DSP-100. If any of you guy's reading have not installed the Roofing filter yet do so ASAP you'll be glad you did.
> 73,
> Roland AH6RR
>
>
>
> -- In TS-850_450_690@yahoogroups.com, "g3liv" <johnny@> wrote:
> >
> > Hi
> >
> > I have had a TS-850 for some 12 years now.
> > Has there been any real worthwhile mods over the years.
> >
> > Front end upgrades or the like.

> >
> > Just interested
> >
> > de Johnny G3LIV
> >
>

8391. Re: [TS-850_450_690] Re: TS-850SAT Mods

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-09-29 13:38:25 UTC
From: w8zn@comcast.net
Topic: 8383 Message: 8391

Folks,

I have compared a tricked out TS850 to my Elecraft K3 and not using test equipment but on the air tests show a TS850 with good filters in both the 8 MHz and the 455 KHz IF is close to my K3 on SSB but on cw, the K3 is better for separating weak signals. On 160m where my TS2000 just shakes with overload, the TS850 just works. However, when you consider a good TS850 with filers is 1/3 to 1/4 the cost of a K3, one has to wonder. Except for the diehard contesters, I still don't think you can't beat a TS850 with good filters. As far as the roofing filter mod goes, one of my 8 TS850's has it and I wouldn't bother with it, I see VERY little improvement on the air and do notice the gain drop. Yes, the "numbers" are better but most of us don't listen to numbers.

Just my .02 worth!!

Terry

[Non-text portions of this message have been removed]

8392. Re: TS-850SAT Mods

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-09-29 14:32:47 UTC
From: g3liv
Topic: 8383 Message: 8392

Hi Guys,

How nice to have such a good response to my question.
It shows there are still a lot of US out there that think the
TS-850 is still worth a place on the desk.

I have not been able to put it alongside other major more modern rigs.
A 706Mk2 and an FT-857 dont make my heart race Lol.

I do have 3 filters installed, purchased over the years when I have seen them sold off pre-used.

YK-88SN-1 YK-88C1 and the latest one YG455-1/CN1.

That last one is still very expensive new in the UK but I bought it
used for £40 thats about US$60 so I jumped at it.

I had wondered if over the years there had been any advance in any front end semiconductors that had made any worth while changes.
But it sees not.
I keep promising to change that battery.
This interest has prompted me to do it this week.

Licensed 53 years still have the bug.

see www.g3liv.co.uk

Thanks guys

de Johnny G3LIV

8393. RE: [TS-850_450_690] Re: TS-850SAT Mods

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-09-29 14:17:23 UTC
From: Thierbach, Edward
Topic: 8383 Message: 8393

Hi, Roland -- how much does the roofing filter mod affect AM reception? I enjoy SWLing on my TS-850, and don't want to degrade the quality too much.

Thanks and 73,
-Ed- AB8OJ

-----Original Message-----
From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com] On Behalf Of ah6rr1
Sent: Monday, September 28, 2009 7:36 PM
To: TS-850_450_690@...m
Subject: [TS-850_450_690] Re: TS-850SAT Mods

Aloha Johnny,

Yes the Inrad Roofing filter is the best front end mod out there it brings the 850 up to more modern radio specs as far as close in rejection of strong signals. It is worth the money and then some I highly recomend it to anyone who wants to work weak signals on a crowded band. I have worked stations just above the noise floor 3-4 khz from a S9+ signals. With the Great receiver in the 850 the roofing filter makes it a Real World Class radio. I wish I had a DSP-100 with that it would kick some of the $4000 dollar radios butt it comes close with out the DSP-100. If any of you guy's reading have not installed the Roofing filter yet do so ASAP you'll be glad you did.
73,
Roland AH6RR

8394. Re: TS-850SAT Mods

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-09-29 14:45:06 UTC
From: ah6rr1
Topic: 8383 Message: 8394

It does not affect the SSB Filtering it does affect the AM somewhat and it does affect the FM since it is only a 6kHz wide roofing filter.
It will not make the Receiver any more narrow in the SSB mode unless you have say 2.1 (like I do in both IF's) or 1.8 filters.
Hope that helps Steve.
73,
Roland AH6RR

--- In TS-850_450_690@yahoogroups.com, Crownhaven <crownhaven@...> wrote:
>
> Roland, does the mod affect the current filtering of the radio? Is the
> receiver narrower on SSB for example with the 2.7 K filters both
> enabled????? I'm talking about differences in audio if this is making
> any sense.
>
> Thanks for your patience.
>
> Steve
>
> ah6rr1 wrote:
> >
> >
> > As far as I know they do not make one for the 450/690.
> > 73,
> > Roland AH6RR
> >
> > --- In TS-850_450_690@yahoogroups.com
> > <mailto:TS-850_450_690%40yahoogroups.com>, bayuh@ wrote:
> > >
> > > In there a same kind of roofing filters for 450/690 fams?
> > >
> > > 73
> > > Bayu/YC1RJ
> > >
> > > Sent from my BlackBerry®
> > > powered by Sinyal Kuat INDOSAT
> > >
> > > -----Original Message-----
> > > From: "ah6rr1" <Toesonnose@>
> > > Date: Mon, 28 Sep 2009 23:36:05
> > > To: <TS-850_450_690@yahoogroups.com
> > <mailto:TS-850_450_690%40yahoogroups.com>>
> > > Subject: [TS-850_450_690] Re: TS-850SAT Mods
> > >
> > > Aloha Johnny,

> > >
> > > Yes the Inrad Roofing filter is the best front end mod out there it
> > brings the 850 up to more modern radio specs as far as close in
> > rejection of strong signals. It is worth the money and then some I
> > highly recomend it to anyone who wants to work weak signals on a
> > crowded band. I have worked stations just above the noise floor 3-4
> > khz from a S9+ signals. With the Great receiver in the 850 the roofing
> > filter makes it a Real World Class radio. I wish I had a DSP-100 with
> > that it would kick some of the $4000 dollar radios butt it comes close
> > with out the DSP-100. If any of you guy's reading have not installed
> > the Roofing filter yet do so ASAP you'll be glad you did.
> > > 73,
> > > Roland AH6RR
> > >
> > >
> > >
> > > -- In TS-850_450_690@yahoogroups.com
> > <mailto:TS-850_450_690%40yahoogroups.com>, "g3liv" <johnny@> wrote:
> > > >
> > > > Hi
> > > >
> > > > I have had a TS-850 for some 12 years now.
> > > > Has there been any real worthwhile mods over the years.
> > > >
> > > > Front end upgrades or the like.
> > > >
> > > > Just interested
> > > >
> > > > de Johnny G3LIV
> > > >
> > >
> > >
> > >
> > >
> > >
> > > [Non-text portions of this message have been removed]
> > >
> >
> >
>

8395. Re: TS-850SAT Mods

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-09-29 15:38:39 UTC
From: ah6rr1
Topic: 8383 Message: 8395

Aloha ED,
It only narrows the received audio some it is still fine but the BBC wont be super brodcast quality anymore it will sound good but not excellent.
Oh and reading the other posts on how it degrades the receiver by 3db Did you guys install it correctly? For example yesterday FT5GA was on 20 my SteppIR 3 element is at 35ft a friend has a K3 and the same antenna at 60ft the FT5 was uncopyable at his place only 10 miles apart and a S1-2 here and another ham with a 756 Pro III and a 4 element SteppIR at 70ft anf FT5 was just a wisper. Now both of the radios are exellent receivers but the 850 beats them. My 850 is in the 5Mil range so maybe that also makes a differance.
73,
Roland AH6RR

--- In TS-850_450_690@yahoogroups.com, "Thierbach, Edward" <ethierba@...> wrote:
>
> Hi, Roland -- how much does the roofing filter mod affect AM reception? I enjoy SWLing on my TS-850, and don't want to degrade the quality too much.
>
> Thanks and 73,
> -Ed- AB8OJ
>
> -----Original Message-----
> From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com] On Behalf Of ah6rr1
> Sent: Monday, September 28, 2009 7:36 PM
> To: TS-850_450_690@yahoogroups.com
> Subject: [TS-850_450_690] Re: TS-850SAT Mods
>
> Aloha Johnny,
>
> Yes the Inrad Roofing filter is the best front end mod out there it brings the 850 up to more modern radio specs as far as close in rejection of strong signals. It is worth the money and then some I highly recomend it to anyone who wants to work weak signals on a crowded band. I have worked stations just above the noise floor 3-4 khz from a S9+ signals. With the Great receiver in the 850 the roofing filter makes it a Real World Class radio. I wish I had a DSP-100 with that it would kick some of the $4000 dollar radios butt it comes close with out the DSP-100. If any of you guy's reading have not installed the Roofing filter yet do so ASAP you'll be glad you did.
> 73,
> Roland AH6RR
>

8396. Re: [TS-850_450_690] Re: TS-850SAT Mods

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-09-29 15:32:06 UTC
From: w8zn@comcast.net
Topic: 8383 Message: 8396

I know it's been talked about here many times but you MUST change the electrolytic caps not only on the CAR board but on the front panel boards also. If they leak, it could be the end to a very good rig!!!!

Terry

----- Original Message -----

From: g3liv

To: TS-850 450 690

Sent: Tue, 29 Sep 2009 14:32:47 +0000 (UTC)

Subject: [TS-850_450_690] Re: TS-850SAT Mods

Hi Guys,

How nice to have such a good response to my question.

It shows there are still a lot of US out there that think the

TS-850 is still worth a place on the desk.

I have not been able to put it alongside other major more modern rigs.

A 706Mk2 and an FT-857 dont make my heart race Lol.

I do have 3 filters installed, purchased over the years when I have seen them sold off pre-used.

YK-88SN-1 YK-88C1 and the latest one YG455-1/CN1.

That last one is still very expensive new in the UK but I bought it

used for £40 thats about US$60 so I jumped at it.

I had wondered if over the years there had been any advance in any front end semiconductors that had made any worth while changes.

But it sees not.

I keep promising to change that battery.

This interest has prompted me to do it this week.

Licensed 53 years still have the bug.

see www.g3liv.co.uk

Thanks guys

de Johnny G3LIV

[Non-text portions of this message have been removed]

8397. Re: TS-850SAT Mods

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-09-29 18:42:19 UTC
From: tk5ep
Topic: 8383 Message: 8397

I'm sure that if you swap your transceiver between you and your friends, you will have the same results...
The antenna and QTH makes the difference not the roofing filter !

73, Patrick (and my good old TS850)

--- In TS-850_450_690@yahoogroups.com, "ah6rr1" <Toesonnose@...> wrote:
>
> Aloha ED,
> It only narrows the received audio some it is still fine but the BBC wont be super brodcast quality anymore it will sound good but not excellent.
> Oh and reading the other posts on how it degrades the receiver by 3db Did you guys install it correctly? For example yesterday FT5GA was on 20 my SteppIR 3 element is at 35ft a friend has a K3 and the same antenna at 60ft the FT5 was uncopyable at his place only 10 miles apart and a S1-2 here and another ham with a 756 Pro III and a 4 element SteppIR at 70ft anf FT5 was just a wisper. Now both of the radios are exellent receivers but the 850 beats them. My 850 is in the 5Mil range so maybe that also makes a differance.
> 73,
> Roland AH6RR
>
>
>
> --- In TS-850_450_690@yahoogroups.com, "Thierbach, Edward" <ethierba@> wrote:
> >
> > Hi, Roland -- how much does the roofing filter mod affect AM reception? I enjoy SWLing on my TS-850, and don't want to degrade the quality too much.
> >
> > Thanks and 73,
> > -Ed- AB8OJ
> >
> > -----Original Message-----
> > From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com] On Behalf Of ah6rr1
> > Sent: Monday, September 28, 2009 7:36 PM
> > To: TS-850_450_690@yahoogroups.com
> > Subject: [TS-850_450_690] Re: TS-850SAT Mods
> >
> > Aloha Johnny,
> >
> > Yes the Inrad Roofing filter is the best front end mod out there it brings the 850 up to more modern radio specs as far as close in rejection of strong signals. It is worth the money and then some I highly recomend it to anyone who wants to work weak signals on a crowded band. I have worked stations just above the noise floor 3-4 khz from a S9+ signals. With the Great receiver in the 850 the roofing filter makes it a Real World Class radio. I wish I had a DSP-100 with that it would kick some of the $4000 dollar radios butt it comes

close with out the DSP-100. If any of you guy's reading have not installed the Roofing filter yet do so ASAP you'll be glad you did.
> > 73,
> > Roland AH6RR
> >
>

8398. Re: TS-850SAT Mods

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-09-29 19:41:54 UTC
From: g3liv
Topic: 8383 Message: 8398

--- In TS-850_450_690@yahoogroups.com, w8zn@... wrote:
>
> I know it's been talked about here many times but you MUST change the electrolytic caps not only on the CAR board but on the front panel boards also. If they leak, it could be the end to a very good rig!!!!
>
> Terry

Hi Terry,

Is there one site I can get the information on those mods.
Its time to do them I know.

de Johnny G3LIV

8399. Re: [TS-850_450_690] Re: TS-850SAT Mods

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-09-29 19:59:13 UTC
From: w8zn@comcast.net
Topic: 8383 Message: 8399

check mods.dk or the TS850 yahoo site under files

----- Original Message -----

From: g3liv

To: TS-850 450 690

Sent: Tue, 29 Sep 2009 19:41:54 +0000 (UTC)

Subject: [TS-850_450_690] Re: TS-850SAT Mods

--- In TS-850_450_690@yahoogroups.com, w8zn@... wrote:

>

> I know it's been talked about here many times but you MUST change the electrolytic caps not only on the CAR board but on the front panel boards also. If they leak, it could be the end to a very good rig!!!!

>

> Terry

Hi Terry,

Is there one site I can get the information on those mods.

Its time to do them I know.

de Johnny G3LIV

[Non-text portions of this message have been removed]

8400. Re: [TS-850_450_690] Re: Only 10W on Rtty/FSK

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-09-29 21:20:05 UTC
From: CT1EEK Nuno
Topic: 8369 Message: 8400

Clif!

You are must welcome!

That's for sure!

;-)))

Nuno CT1EEK
IM59HD

----- Original Message -----
From: avvidclif
To: TS-850_450_690@yahoogroups.com
Sent: Sunday, September 27, 2009 2:06 AM
Subject: [TS-850_450_690] Re: Only 10W on Rtty/FSK

If I ever make it to Portugal you're buying the refreshments and Coke doesn't count.

Clif

--- In TS-850_450_690@yahoogroups.com, "CT1EEK Nuno" <nunoct1eek@...> wrote:
>
> It's cheap Steve!
>
> :-)))
>
> Nuno CT1EEK
> IM59HD
>
>
> ----- Original Message -----
> From: Crownhaven
> To: TS-850_450_690@yahoogroups.com
> Sent: Saturday, September 26, 2009 3:42 PM
> Subject: Re: [TS-850_450_690] Re: Only 10W on Rtty/FSK
>
>
>
> Brincadeira Nuno!
>
> Steve, N4JQQ
>
> CT1EEK Nuno wrote:
> >
> >
> > Many Thanks Clif a Dave!

> >
> > It was the CAR level on my DSP-100.
> >
> > Now 100%!
> >
> > ;_))
> >
> > Nuno CT1EEK
> > IM59HD
> >
> > ----- Original Message -----
> > From: avvidclif
> > To: TS-850_450_690@yahoogroups.com
> > <mailto:TS-850_450_690%40yahoogroups.com>
> > Sent: Saturday, September 26, 2009 1:45 PM
> > Subject: [TS-850_450_690] Re: Only 10W on Rtty/FSK
> >
> > Turn the Car control up.
> >
> > Clif
> >
> > --- In TS-850_450_690@yahoogroups.com
> > <mailto:TS-850_450_690%40yahoogroups.com>, "CT1EEK Nuno"
> > <nunoct1eek@> wrote:
> > >
> > > Hello!
> > >
> > > Don't understand it!
> > >
> > > On my TS-850 SSB 8/100W, at the same time on RTTY/FSK 10/15W, is
> > that a power supply problem?
> > >
> > > Any help ere?
> > >
> > >
> > > Nuno CT1EEK
> > > IM59HD
> > >
> > > [Non-text portions of this message have been removed]
> > >
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> > [Non-text portions of this message have been removed]
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8401. TS850 Dead display

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-10-01 16:22:37 UTC
From: Roger Dixon
Topic: 8401 Message: 8401

After 20+ years with only a fan failure, the display has failed. As far as I can tell the radio is still working OK. Before I dig the circuits and start dis-assembly, is this a known failure with a known solution?

73
Roger - G4BVY

[Non-text portions of this message have been removed]

8402. Re: TS850 Dead display

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-10-01 16:39:47 UTC
From: ah6rr1
Topic: 8401 Message: 8402

C18 on the display board needs to be replaced also check all the traces on both sides of the board because when C18 leaks it eats them.
73,
Roland AH6RR

--- In TS-850_450_690@yahoogroups.com, "Roger Dixon" <lists@...> wrote:
>
> After 20+ years with only a fan failure, the display has failed. As far as
> I can tell the radio is still working OK. Before I dig the circuits and
> start dis-assembly, is this a known failure with a known solution?
>
> 73
> Roger - G4BVY
>
>
> [Non-text portions of this message have been removed]
>

8403. Re: TS-850SAT Mods

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-10-01 18:19:22 UTC
From: g3liv
Topic: 8383 Message: 8403

Hi Terry,

Well I got the 10mfd and the 47mfd changed on the carrier board today.
I could only get 8 of the 10mfd locally. So 2 still to replace.
2 of the existing ones on the board had there Ground side leg
lifted and not soldered down.
2 other showed some discolouration around them.
But after repair (they are little pads)
all is working.
I need to look into that battery mod now.

Thanks
de Johnny G3LIV

--- In TS-850_450_690@yahoogroups.com, w8zn@... wrote:
>
> I know it's been talked about here many times but you MUST change the electrolytic caps not only on the CAR board but on the front panel boards also. If they leak, it could be the end to a very good rig!!!!
>
> Terry
>
> ----- Original Message -----
>
> From: g3liv
>
> To: TS-850 450 690
>
> Sent: Tue, 29 Sep 2009 14:32:47 +0000 (UTC)
>
> Subject: [TS-850_450_690] Re: TS-850SAT Mods
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> Hi Guys,
>
> How nice to have such a good response to my question.
>
> It shows there are still a lot of US out there that think the
>
> TS-850 is still worth a place on the desk.
>
> I have not been able to put it alongside other major more modern rigs.
>
> A 706Mk2 and an FT-857 dont make my heart race Lol.

>
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>
> I do have 3 filters installed, purchased over the years when I have seen them sold off
pre-used.
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>
> YK-88SN-1 YK-88C1 and the latest one YG455-1/CN1.
>
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>
> That last one is still very expensive new in the UK but I bought it
>
>
> used for Â£40 thats about US$60 so I jumped at it.
>
>
>
>
>
> I had wondered if over the years there had been any advance in any front end
semiconductors that had made any worth while changes.
>
>
> But it sees not.
>
>
> I keep promising to change that battery.
>
>
> This interest has prompted me to do it this week.
>
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>
>
> Licensed 53 years still have the bug.
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>
> see www.g3liv.co.uk

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> Thanks guys
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>
>
> de Johnny G3LIV
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> [Non-text portions of this message have been removed]
>

8404. DDS caps replacement

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-10-01 19:02:07 UTC
From: tk5ep
Topic: 8404 Message: 8404

Hi All,

I checked my TS850 several times for capacitor leakage and could never detect something wrong until this evening.
I found my DDS board to be a bit "greasy" around some caps.

So, i think it's time to replace them.

My question, the original caps are Low Impedance SMD Aluminum Electrolytic Capacitors. I have a bunch of SMD tantalum capacitors of same value.

Is there any problem to change the capacitor type ?

73, Patrick

8405. Re: [TS-850_450_690] TS850 Dead display

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-10-01 21:29:27 UTC
From: Antonio M.
Topic: 8401 Message: 8405

Check this web

http://jvgavila.com/wb7.htm

This will take just some minits.

2009/10/1 Roger Dixon <lists@...>

>
>
> After 20+ years with only a fan failure, the display has failed. As far as
> I can tell the radio is still working OK. Before I dig the circuits and
> start dis-assembly, is this a known failure with a known solution?
>
> 73
> Roger - G4BVY
>
> [Non-text portions of this message have been removed]
>
>
>

--
ATT:

Antonio M. Dorta
ElectroSat TV S.L.

[Non-text portions of this message have been removed]

8406. Re: DDS caps replacement

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-10-01 21:38:23 UTC
From: John
Topic: 8404 Message: 8406

--- In TS-850_450_690@yahoogroups.com, "tk5ep" <pegloff@...> wrote:
>
> Hi All,
>
> I checked my TS850 several times for capacitor leakage and could never detect something wrong until this evening.
> I found my DDS board to be a bit "greasy" around some caps.
>
> So, i think it's time to replace them.
>
> My question, the original caps are Low Impedance SMD Aluminum Electrolytic Capacitors. I have a bunch of SMD tantalum capacitors of same value.
>
> Is there any problem to change the capacitor type ?
>
> 73, Patrick
>

Hi Patrick,

sometimes you cant see the caps leaking so it may look as if they are ok, a thing i have noticed with leaky cap is, if you put your soldering iron to the pads of the suspected caps and let the solder run you get a sort of CATS PISS smell (excuse the french)and this tells you that the cap is leaking, some people might say different but ive always used this way of detecting leaky caps.

John 73s

8407. Re: [TS-850_450_690] TS850 Dead display

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-10-01 22:50:26 UTC
From: rupert walford
Topic: 8401 Message: 8407

the email u sent was blank nothing

----- Original Message -----
From: Antonio M.
To: TS-850_450_690@yahoogroups.com
Sent: Thursday, October 01, 2009 4:29 PM
Subject: Re: [TS-850_450_690] TS850 Dead display

Check this web

http://jvgavila.com/wb7.htm

This will take just some minits.

2009/10/1 Roger Dixon <lists@...>

>
>
> After 20+ years with only a fan failure, the display has failed. As far as
> I can tell the radio is still working OK. Before I dig the circuits and
> start dis-assembly, is this a known failure with a known solution?
>
> 73
> Roger - G4BVY
>
> [Non-text portions of this message have been removed]
>
>
>

--
ATT:

Antonio M. Dorta
ElectroSat TV S.L.

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

8408. Audio Problems with TS-450

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-10-01 23:57:28 UTC
From: wd0hbu
Topic: 8408 Message: 8408

The problem I'm having is this. I am running mobile with this unit. While going down the road the audio will cut in and out. Most times if I just tap the send button, once or twice, the audio will be normal. Until the next bump or road vibration. The interesting part is next. When I'm not motion, with the motor either on or off, the same thing will happen.

What I have done is the following; I have opened up the radio and gone through it with a screwdriver and wrench and have tried to tighten anything and ever thing that might be lose. With little or no luck at all.

The question is. Has anyone ever had the same problem and if so did you if a answer. I know it could be a great host of things, but any ides as to where to starting looking again would be of great help.

Thanks for every ones time. Jim

8409. Re: Audio Problems with TS-450

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-10-02 05:19:44 UTC
From: w4jz
Topic: 8408 Message: 8409

I guess you are using internal speaker so will assume you are & not losing the display just receive. I would check the transmit/receive relay. Tapping this with plastic handle of screw driver sometimes will let you know if the contacts are dirty.

Do you have any noise on receive when this happens or are you just losing signal?

Reed W4JZ

--- In TS-850_450_690@yahoogroups.com, "wd0hbu" <wd0hbu@...> wrote:
>
> The problem I'm having is this. I am running mobile with this unit.
> While going down the road the audio will cut in and out. Most times if
> I just tap the send button, once or twice, the audio will be normal.
> Until the next bump or road vibration. The interesting part is next.
> When I'm not motion, with the motor either on or off, the same thing
> will happen.
>
> What I have done is the following; I have opened up the radio and gone
> through it with a screwdriver and wrench and have tried to tighten
> anything and ever thing that might be lose. With little or no luck at
> all.
>
> The question is. Has anyone ever had the same problem and if so did you
> if a answer. I know it could be a great host of things, but any ides as
> to where to starting looking again would be of great help.
>
> Thanks for every ones time. Jim
>

8410. Re: Audio Problems with TS-450

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-10-02 05:50:42 UTC
From: ah6rr1
Topic: 8408 Message: 8410

Jim check the antenna SO-239 wire where it hooks into the board could be broke/bad soldier joint.
Roland AH6RR

--- In TS-850_450_690@yahoogroups.com, "w4jz" <w4jz@...> wrote:
>
>
> I guess you are using internal speaker so will assume you are & not losing the display just receive. I would check the transmit/receive relay. Tapping this with plastic handle of screw driver sometimes will let you know if the contacts are dirty.
>
> Do you have any noise on receive when this happens or are you just losing signal?
>
> Reed W4JZ
>
>
>
> --- In TS-850_450_690@yahoogroups.com, "wd0hbu" <wd0hbu@> wrote:
> >
> > The problem I'm having is this. I am running mobile with this unit.
> > While going down the road the audio will cut in and out. Most times if
> > I just tap the send button, once or twice, the audio will be normal.
> > Until the next bump or road vibration. The interesting part is next.
> > When I'm not motion, with the motor either on or off, the same thing
> > will happen.
> >
> > What I have done is the following; I have opened up the radio and gone
> > through it with a screwdriver and wrench and have tried to tighten
> > anything and ever thing that might be lose. With little or no luck at
> > all.
> >
> > The question is. Has anyone ever had the same problem and if so did you
> > if a answer. I know it could be a great host of things, but any ides as
> > to where to starting looking again would be of great help.
> >
> > Thanks for every ones time. Jim
> >
>

8411. Tuner for sale

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-10-02 07:12:54 UTC
From: Tim
Topic: 8411 Message: 8411

Have a good tested tuner for the 450 taking offer's,Looking for a decent wattmeter such as a pal or diawa cn801 for hf bands.. E-mail me at htjude@hotmail.com

8412. Re: Audio Problems with TS-450

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-10-03 15:47:14 UTC
From: ve3tmt
Topic: 8408 Message: 8412

Hi Jim,

Is it the audio or the signal cutting out? As Roland suggested, check the wire coming from the antenna connector to the RF board. The solder on these will sometimes let go. If it is the audio itself cutting out, are you using an external speaker, or is it the internal one cutting out. If external, try wiggling the speaker cable and see if it cuts in and out. You may need to touch up the solder connections on the AF/RF board where the external speaker jack is soldered. These will get intermittent if the cable is not pulled straight out as it pulls the jack to one side putting stress on the solder connections.

Let us know what you find.

Max
VE3TMT

8413. Re: Audio Problems with TS-450

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-10-03 19:16:52 UTC
From: avvidclif
Topic: 8408 Message: 8413

Where is the squelch control sitting? It works in SSB also.

Clif

--- In TS-850_450_690@yahoogroups.com, "wd0hbu" <wd0hbu@...> wrote:
>
> The problem I'm having is this. I am running mobile with this unit.
> While going down the road the audio will cut in and out. Most times if
> I just tap the send button, once or twice, the audio will be normal.
> Until the next bump or road vibration. The interesting part is next.
> When I'm not motion, with the motor either on or off, the same thing
> will happen.
>
> What I have done is the following; I have opened up the radio and gone
> through it with a screwdriver and wrench and have tried to tighten
> anything and ever thing that might be lose. With little or no luck at
> all.
>
> The question is. Has anyone ever had the same problem and if so did you
> if a answer. I know it could be a great host of things, but any ides as
> to where to starting looking again would be of great help.
>
> Thanks for every ones time. Jim
>

8414. Using the TS-850 with a computer

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-10-05 19:27:29 UTC
From: unkyjack
Topic: 8414 Message: 8414

I just joined the group because I'm seriously considering buying a TS-850 to use as my main rig after 20 years away from ham radio. I've done a search here and looked at the 850 owners manual for info about how the 850 interfaces with a computer and what kind of data can be transferred/shared between the rig and a computer.

My main interests are contesting and DXing, so automatic logging/contesting software and interactive DX spotting (with the DX Spider) would be helpful. Although I'm somewhat computer literate, I don't have a clue what kind of interactivity is possible with a TS-850 and a computer. Any info would be greatly appreciated.

Thanks.

Jack K2RS

8415. Re: [TS-850_450_690] Using the TS-850 with a computer

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-10-05 20:33:38 UTC
From: Dave ve3wej
Topic: 8414 Message: 8415

If you downloaded the manual, also download the othe rmanuals as well. I am using the 850 here with the KeNWOOD if232c interface box, but aftermarket ones are available too.

The control you get will depend on the software you download...

From: unkyjack
Sent: Monday, October 05, 2009 3:27 PM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] Using the TS-850 with a computer

I just joined the group because I'm seriously considering buying a TS-850 to use as my main rig after 20 years away from ham radio. I've done a search here and looked at the 850 owners manual for info about how the 850 interfaces with a computer and what kind of data can be transferred/shared between the rig and a computer.

My main interests are contesting and DXing, so automatic logging/contesting software and interactive DX spotting (with the DX Spider) would be helpful. Although I'm somewhat computer literate, I don't have a clue what kind of interactivity is possible with a TS-850 and a computer. Any info would be greatly appreciated.

Thanks.

Jack K2RS

[Non-text portions of this message have been removed]

8416. RE: [TS-850_450_690] Using the TS-850 with a computer

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-10-05 21:03:34 UTC
From: Thierbach, Edward
Topic: 8414 Message: 8416

There are 2 types of connections you can make between the radio and computer:

1 - control the radio's functions, like changing frequency, changing bands, and turning functions on and off. You can use the Kenwood IF-232C, or other aftermarket cables.

2 - send audio to the radio, and receive audio from it. This allows you to use the newer "sound card" digital modes such as PSK-31, as well as old favorites like RTTY and SSTV. You can also decode Morse code, RTTY, fax, packet, SSTV, and other signals. You can build a simple interface, or purchase one like a RigBlaster or Signalink.

73,
-Ed- AB8OJ

-----Original Message-----
From: unkyjack
Sent: Monday, October 05, 2009 3:27 PM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] Using the TS-850 with a computer

I just joined the group because I'm seriously considering buying a TS-850 to use as my main rig after 20 years away from ham radio. I've done a search here and looked at the 850 owners manual for info about how the 850 interfaces with a computer and what kind of data can be transferred/shared between the rig and a computer.

My main interests are contesting and DXing, so automatic logging/contesting software and interactive DX spotting (with the DX Spider) would be helpful. Although I'm somewhat computer literate, I don't have a clue what kind of interactivity is possible with a TS-850 and a computer. Any info would be greatly appreciated.

Thanks.

Jack K2RS

[Non-text portions of this message have been removed]

THANKS FOR USING TS-850_450_690@...! Groups Links

8417. TS-850S AT TUNER DOWN

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-10-05 21:33:29 UTC
From: johnnygm7lsi@aol.com
Topic: 8417 Message: 8417

Hi all,
I had a problem a few months back with my auto tuner churning
away for a while and then giving the usual beep beep telling me it hasn`t
succeeded, even though the antenna connected was quite close to resonance.
After some internal and futile investigation by me, I decided to send it
off for repair, but someone suggested it could be one of the 850`s settings,
I tried that and it resolved the problem. It has started doing the same
again and I can`t think for the life of of what it was that fixed it. It
might be that there is a fault this time, but if anyone has any suggestions,
they would be very much appreciated.

Many thanks, Johnny, GM7LSI.

[Non-text portions of this message have been removed]

8418. Re: [TS-850_450_690] Using the TS-850 with a computer

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-10-05 23:06:44 UTC
From: WW3S
Topic: 8414 Message: 8418

it's very easy to get running with a pc, and will allow just about full control.....works great with just about any modern logging program, mine works great with EQF, N1MM, DXlabs, MMTTY....just need a com port and a simple easy to build interface....

On 10/5/2009 3:27:29 PM, unkyjack (jronline@...) wrote:
> I just joined the group because
> I'm seriously considering buying a TS-850 to use as my main rig after 20 years away from ham radio. I've
> done a search here and looked at the 850 owners manual for info about how
> the 850 interfaces with a computer and what kind of data can be
> transferred/shared between the rig and a computer.
>
> My main interests are contesting and DXing, so automatic
> logging/contesting software and interactive DX spotting (with the DX
> Spider) would be helpful. Although I'm somewhat computer literate, I don't
> have a clue what kind of interactivity is possible with a TS-850 and a
> computer. Any info would be greatly appreciated.
>
> Thanks.
>
> Jack K2RS
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>

8419. Re: [TS-850_450_690] Using the TS-850 with a computer

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-10-06 02:30:18 UTC
From: Tom Osborne
Topic: 8414 Message: 8419

> it's very easy to get running with a pc, and will allow just about full
> control.....works great with just about any modern logging program, mine
> works great with EQF, N1MM, DXlabs, MMTTY....just need a com port and a
> simple easy to build interface....

Or, go to eBay and do a search for G4ZLP. I have 3 of his cables here and
they are first rate and the price is right. Two are for Kenwoods and one
for Yaesu. 73
Tom W7WHY

8420. Hi!

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-10-06 14:43:54 UTC
From: n0sya
Topic: 8420 Message: 8420

New to the group and the 850, just got it yesterday and joined your august group the day before that. Picked up a nice clean one, 70 million sn, checked for leaks in the car board and everything is tidy. Chased some dust bunnies out. Tried it out on the bands and am suitably impressed, audio is outstanding. I have used the following rigs to date: IC-765, IC-751, IC-746pro, IC-703, IC-735, Drake R8, JRC-NRD 505/525/535/545, TS-870, TS-440, TS-430, and various others. I am after rx performance and audio quality, and hope the 850 will reward me in this regard.

So since this is _the_ place to come for info on the 850, I have some questions re the 850:

1. If I have a high serial number rig, do the caps and battery still warrant replcaement? What are the places to check for bad caps?

2. Is'nt there a mod to have the autotuner inline on rx? Can't find it anywhere!

3. When I turn the vfo on the 850, there's hash that stops when I stop tuning. Anyone know what that means?

4. I anticipate modding the filter schemes in the 850. A crystal 2.4kHz replacing the ceramic 455kHz IF filter, a possible replacement for the cfw455ht am-bandwidth filter with something better, and matching-bw cw filters in each IF. I found a MuRata metal cased 455kHz ceramic filter that has 11 poles at 6kHz wide in my junk box, god bless junk boxes! This should do well against the 6 poles of the cfw455ht. I also have an Icom FL-44A 2.4kHz crystal filter that I intend on remotely mounting with rg74. Anyone swapped filters other than standard Kenwood parts?

I would like to add one of the Kenwood 8.8MHz IF 6kHz bw filters, think it's the yk88a. If I have to buy a 850 cw filter just to get the mounting board and replace the actual filters, fine with me. Anyone done mods like this? Anyone know where one can get bare filter boards? Anyone know where I can pick up a yk88a?

5. The audio out of the see-if-it-works-speaker on the top of the box blew me away. Never heard one sound so good. But connecting a hifi speaker to the ext spkr jack in back resulted in very poor audio, tinny, no depth or bass. Anyone know why the audio is so poor here and how to fix it?

Any thoughts for an 850 noob appreciated.

Chris

8421. Re: TS 850 white noise

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-10-06 15:27:07 UTC
From: n0sya
Topic: 8102 Message: 8421

Re the higher noise floor, I think this is due to the higher gain of the 850 rx compared to many other rigs. Not a pll/dds issue, but one of greater sensitivity.

Sorry for the late post but I just got here!

Chris

8422. Re: Using the TS-850 with a computer

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-10-06 19:55:07 UTC
From: peterwalker1999
Topic: 8414 Message: 8422

Jack

Take a look at some software called HamRadio Delux.

http://www.ham-radio-deluxe.com

This will give you an excelent insight to what you can do.

HRD is free also, which is a bonus as the software is excellent!

Plenty of information on this site about connecting up the computer.

As Already said two different typs:-

1 rig control
Let the computer control the radio, or the radio control the computer.
DX Cluster, memory management, band markers, auto-logging of mode and frequency, mapper, rotator control, keyer etc etc

2 Sound card connection
Lets you use the computer to decode and transmit digimodes (PSK RTTY MCW SSTV etc) using DM780 (included in HRD). Also sound recording, and possibly in future voice keyer!

Check out the user forums for a wealth of information.

Plenty of other free software available (everyone has their own preference), especially if you want to specialise in contest operating (voice or Digi), but HRD pretty well does everything in one package. Can look a little overwhelming at first, but easy to get to grips with and a large user community to help.

By the way the TS850 is one of the better radios for digimodes, as not every radio allows you to switch in any filter on any mode like the TS-850

Regards

peter

G0RSQ

--- In TS-850_450_690@yahoogroups.com, "unkyjack" <jronline@...> wrote:
>
> I just joined the group because I'm seriously considering buying a TS-850 to use as my main rig after 20 years away from ham radio. I've done a search here and looked at the 850 owners manual for info about how the 850 interfaces with a computer and what kind of data can be transferred/shared between the rig and a computer.
>

8424. TS-450s tuning dial problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-10-08 21:01:12 UTC
From: n9rym
Topic: 8424 Message: 8424

Hello everyone, I have a TS-450s and just recently I tuned the rig down to the very lower limits and the tuning knob "froze up" on me. It was working just great before that so I don't know if it has anything to do with me tuning the radio to the lower limits. So far, I removed the knob and attemped to move the post by hand and it's really tough to move. I am not a radio repair man by no means. Please advise if you have had any experiences with this and what you did about it.

Thank you

Joe, N9RYM

8425. Re: [TS-850_450_690] TS-450s tuning dial problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-10-08 21:16:31 UTC
From: ka0nem
Topic: 8424 Message: 8425

The main knob is an optical rotary encoder (AFAIK). I don't think there is a limit in either direction, if it were, then the knob would spin when you change the frequency from the keypad... which would be awesome btw.
I have freed up a rotary encoder with electrical parts cleaner in the rotary assembly, one was full of coffee from a previous owner, took some wd-40 and then followed up with the parts cleaner, it was stuck but good. But I would wait to see what the others in the group say. I just wanted to reply to you real quick to hopefully relieve you that it should (hopefully) be a simple fix. Worst case, I see main encoders on ebay just about every time I look for TS-450 parts/accessories.

Good luck, and hang tight, the experts are on their way.

KA0NEM
Jess

On Thu, Oct 8, 2009 at 2:01 PM, n9rym <n9rym@...> wrote:

>
>
> Hello everyone, I have a TS-450s and just recently I tuned the rig down to
> the very lower limits and the tuning knob "froze up" on me. It was working
> just great before that so I don't know if it has anything to do with me
> tuning the radio to the lower limits. So far, I removed the knob and
> attemped to move the post by hand and it's really tough to move. I am not a
> radio repair man by no means. Please advise if you have had any experiences
> with this and what you did about it.
>
> Thank you
>
> Joe, N9RYM
>
>
>

[Non-text portions of this message have been removed]

8426. Re: [TS-850_450_690] TS-450s tuning dial problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-10-08 21:27:25 UTC
From: Ashley40@AOL.com
Topic: 8424 Message: 8426

Frozen rotary encoder. We never had too much luck freeing them up, but you may.

Thank You

Kiss-Electronics

Ms Ashley Hall

Cornelius, Oregon

W7DUZ

www.kiss-electronics.com

-----Original Message-----
From: ka0nem <ka0nem@...>
To: TS-850_450_690@yahoogroups.com
Sent: Thu, Oct 8, 2009 2:16 pm
Subject: Re: [TS-850_450_690] TS-450s tuning dial problem

The main knob is an optical rotary encoder (AFAIK). I don't think there is a limit in either direction, if it were, then the knob would spin when you change the frequency from the keypad... which would be awesome btw.
I have freed up a rotary encoder with electrical parts cleaner in the rotary assembly, one was full of coffee from a previous owner, took some wd-40 and then followed up with the parts cleaner, it was stuck but good. But I would wait to see what the others in the group say. I just wanted to reply to you real quick to hopefully relieve you that it should (hopefully) be a simple fix. Worst case, I see main encoders on ebay just about every time I look for TS-450 parts/accessories.

Good luck, and hang tight, the experts are on their way.

KA0NEM
Jess

On Thu, Oct 8, 2009 at 2:01 PM, n9rym <n9rym@...> wrote:

>
>
> Hello everyone, I have a TS-450s and just recently I tuned the rig down to
> the very lower limits and the tuning knob "froze up" on me. It was working
> just great before that so I don't know if it has anything to do with me
> tuning the radio to the lower limits. So far, I removed the knob and
> attemped to move the post by hand and it's really tough to move. I am not a
> radio repair man by no means. Please advise if you have had any experiences
> with this and what you did about it.
>

> Thank you
>
> Joe, N9RYM
>
>
>

[Non-text portions of this message have been removed]

THANKS FOR USING TS-850_450_690@...! Groups Links

[Non-text portions of this message have been removed]

8427. Re: TS-450s tuning dial problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-10-08 21:30:20 UTC
From: n9rym
Topic: 8424 Message: 8427

Thanks Jess for that quick response. From what you say, I think I will hold off on sending the radio in for repair and see what other responses I get. Thanks again!!

73's

Joe
N9RYM

--- In TS-850_450_690@yahoogroups.com, ka0nem <ka0nem@...> wrote:
>
> The main knob is an optical rotary encoder (AFAIK). I don't think there is a
> limit in either direction, if it were, then the knob would spin when you
> change the frequency from the keypad... which would be awesome btw.
> I have freed up a rotary encoder with electrical parts cleaner in the rotary
> assembly, one was full of coffee from a previous owner, took some wd-40 and
> then followed up with the parts cleaner, it was stuck but good. But I would
> wait to see what the others in the group say. I just wanted to reply to you
> real quick to hopefully relieve you that it should (hopefully) be a simple
> fix. Worst case, I see main encoders on ebay just about every time I look
> for TS-450 parts/accessories.
>
> Good luck, and hang tight, the experts are on their way.
>
> KA0NEM
> Jess
>
>
> On Thu, Oct 8, 2009 at 2:01 PM, n9rym <n9rym@...> wrote:
>
> > >
> > >
> > > Hello everyone, I have a TS-450s and just recently I tuned the rig down to
> > > the very lower limits and the tuning knob "froze up" on me. It was working
> > > just great before that so I don't know if it has anything to do with me
> > > tuning the radio to the lower limits. So far, I removed the knob and
> > > attemped to move the post by hand and it's really tough to move. I am not a
> > > radio repair man by no means. Please advise if you have had any experiences
> > > with this and what you did about it.
> > >
> > > Thank you
> > >
> > > Joe, N9RYM
> > >
> > >
> > >
> >
>

>
> [Non-text portions of this message have been removed]
>

8428. Re: Using the TS-850 with a computer

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-10-09 01:14:00 UTC
From: unkyjack
Topic: 8414 Message: 8428

Thanks Peter (and everyone else who posted a reply to my question). Sounds like the 850 is quite adaptable to computer control and other functions. Overall, it seems like it will do what I want computer-wise.

On a slightly different topic, Monday I just missed out on getting a mint 850 at a great price from an online dealer who I've bought gear from for a number of years. Very disappointing. Oh, well -- C'est la vie!

Jack

--- In TS-850_450_690@yahoogroups.com, "peterwalker1999" <yahoo@...> wrote:
>
> Jack
>
> Take a look at some software called HamRadio Delux.
>
> http://www.ham-radio-deluxe.com
>
> This will give you an excelent insight to what you can do.
>
> HRD is free also, which is a bonus as the software is excellent!
>
> Plenty of information on this site about connecting up the computer.
>
> As Already said two different typs:-
>
> 1 rig control
> Let the computer control the radio, or the radio control the computer.
> DX Cluster, memory management, band markers, auto-logging of mode and frequency, mapper, rotator control, keyer etc etc
>
> 2 Sound card connection
> Lets you use the computer to decode and transmit digimodes (PSK RTTY MCW SSTV etc) using DM780 (included in HRD). Also sound recording, and possibly in future voice keyer!
>
> Check out the user forums for a wealth of information.
>
> Plenty of other free software available (everyone has their own preference), especially if you want to specialise in contest operating (voice or Digi), but HRD pretty well does everything in one package. Can look a little overwhelming at first, but easy to get to grips with and a large user community to help.
>
> By the way the TS850 is one of the better radios for digimodes, as not every radio allows you to switch in any filter on any mode like the TS-850
>
> Regards

>
> peter
>
> G0RSQ

8429. Re: [TS-850_450_690] Kenwood TS-450 no power out, maxed out SWR indication

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-10-09 12:13:35 UTC
From: bayuh@yahoo.com
Topic: 8429 Message: 8429

Hi,

Perhaps you want to trace inside on the Filter Unit part, especially the link from the VSWR circuitry (L121) up to the connectors. This should include the AT trace back.

Start checking the traces and TR switches first, then check the active components.

This is presuming that you have the service manual and have some servicing background.

Thanks and good luck
73
Bayu/YC1RJ

Sent from my BlackBerry?
powered by Sinyal Kuat INDOSAT

-----Original Message-----
From: "Ron K6KYJ" <k6kyj@...>
Date: Wed, 07 Oct 2009 20:23:19
To: <TS-850_450_690@yahoogroups.com>
Subject: [TS-850_450_690] Kenwood TS-450 no power out, maxed out SWR indication

Here is my problem. I recently purchased a TS-450S and Kenwood power supply, used. I am at least the third owner. The previous owner was visually impaired and had problems with antenna tuners. I suspect he often operated into high SWR loads.

My first extensive use of the rig was this past weekend during the California QSO Party where I operated 16 hours on CW and SSB running pretty much max power (100 watts output). I had extremely low SWR values and no problems with the rig.

On Monday morning, I fired up on 40 CW to work some DX. I did an SWR check and had a 1.5:1 value before kicking in the tuner which brought the value down to 1.1. At no time was the rig operating into a high SWR or shorted load.

All meter indications were nominal. I made several quick calls to a BA7 without response and then noticed that the TS-450 SWR ribbon was maxed to the right. I immediately checked the external tuner (an LDG AT-11) and found that there was no output.

I dialed the power back to about five watts and began trouble shooting antenna connections. Antennas and jumpers seemed OK and I hooked up a 50 ohm dummy load. The SWR ribbon bar was still maxed to the right with no indication of power output (at the five watt level). Reception was normal, with the BA7 coming in at about 579.
To me, it would seem that if there was no PA output, then there should be no SWR indication either. And, with the dummy load, there should not be an SWR problem.

All advice would be greatly appreciated. I purchased the rig for $125 (because of the multiple owners) and am wondering if repair will ultimately cost more than the purchase. Right now, I am back to my beloved other Kenwood, a TS-820 still running strong on its original final tubes!

73 and thanks in advance.

Ron K6KYJ
Chico CA

[Non-text portions of this message have been removed]

8430. Re: TS-450s tuning dial problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-10-09 12:48:57 UTC
From: jmcgsd
Topic: 8424 Message: 8430

I agree with the parts cleaner solution. Had a tuning dial with similar issues on a Yaesu ft-757. I had obtained the radio from a house where the guy smoked.

First time I used it extensively, the tuning froze up solid. I went to a Radio Shack and purchased some contact cleaner then sprayed the S*&@ out of it. It worked OK for a short period of time, then froze again. I sprayed it again. Second time seemed to do the trick. It hasn't acted up since, and its been about a year.

Good luck with it and 73.
Joe
AF6NI

8431. New old ts850 owner

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-10-09 19:13:48 UTC
From: Lurch
Topic: 8431 Message: 8431

Dragged my 850 out of mothballs after 10+ years...I have the switch flipped to turn off the t/r relay for amplifier control, I run barefoot, which makes using full qsk a lot quieter...BUT...even with the 'amplifer' switch on the back panel set to 'off', there is still something sounds like relay chatter on full qsk cw. sounds like it's coming from somewhere near the "S1" internal-tuner-defeat switch.

it's much louder with the amplifier relay switched on, but it's there nonetheless.

Now, I thought the 850 used PIN diodes for qsk and was supposed to be dead silent.

So what other relay is involved, and how do I turn it off? I can't find anything in hte owner's manual about it.

TIA, Brian KA9EGW

8432. Re: TS850 guy in N. Ill/S. Wis??

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-10-09 20:30:03 UTC
From: Lurch
Topic: 8382 Message: 8432

Contact N9QDS.

733 de KA9EGW

--- In TS-850_450_690@yahoogroups.com, "garyk9gs" <garyk9gs@...> wrote:
>
> Hello all,
>
> Is there anyone in the Northern Illinois/Southern Wisconsin area that works on TS-850's? I've used Aavid in the past and am very satisfied (thanks Clif)!
>
> I have an 850 and I have one or two friends with 850s and we all want to get the Carrier Board caps replaced, battery replaced and the external receive antenna mod done.
>
> We're all the other side of 40 and the eyesight isn't what it used to be so working on SM populated PCBAs is not looking too attractive. What we were hoping is to avoid the shipping and loss of radios and find someone locally to do this.
>
> Anyone out there??
>
> 73,
> Gary
>
> ++
> K9GS
> Gary Schwartz email: k9gs(at)arrl.net
> Check out K9NS on the web: http://www.k9ns.com
> Society of Midwest Contesters (SMC) GMDXA
> ++
>

8433. Re: New old ts850 owner

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-10-09 21:20:48 UTC
From: avvidclif
Topic: 8431 Message: 8433

It has a small T/R relay right at the antenna connection.

Clif

--- In TS-850_450_690@yahoogroups.com, "Lurch" <lurch9@...> wrote:
>
> Dragged my 850 out of mothballs after 10+ years...I have the switch flipped to turn off the t/r relay for amplifier control, I run barefoot, which makes using full qsk a lot quieter...BUT...even with the 'amplifer' switch on the back panel set to 'off', there is still something sounds like relay chatter on full qsk cw. sounds like it's coming from somewhere near the "S1" internal-tuner-defeat switch.
>
> it's much louder with the amplifier relay switched on, but it's there nonetheless.
>
> Now, I thought the 850 used PIN diodes for qsk and was supposed to be dead silent.
>
> So what other relay is involved, and how do I turn it off? I can't find anything in hte owner's manual about it.
>
> TIA, Brian KA9EGW
>

8434. Re: New old ts850 owner

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-10-09 22:43:50 UTC
From: Lurch
Topic: 8431 Message: 8434

And that's not defeatable, is it? So from where cometh the story it's PIN diode-switched?

--- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@...> wrote:
>
> It has a small T/R relay right at the antenna connection.
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "Lurch" <lurch9@> wrote:
> >
> > Dragged my 850 out of mothballs after 10+ years...I have the switch flipped to turn off the t/r relay for amplifier control, I run barefoot, which makes using full qsk a lot quieter...BUT...even with the 'amplifer' switch on the back panel set to 'off', there is still something sounds like relay chatter on full qsk cw. sounds like it's coming from somewhere near the "S1" internal-tuner-defeat switch.
> >
> > it's much louder with the amplifier relay switched on, but it's there nonetheless.
> >
> > Now, I thought the 850 used PIN diodes for qsk and was supposed to be dead silent.
> >
> > So what other relay is involved, and how do I turn it off? I can't find anything in hte owner's manual about it.
> >
> > TIA, Brian KA9EGW
> >
>

8435. Re: New old ts850 owner

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-10-09 23:06:00 UTC
From: avvidclif
Topic: 8431 Message: 8435

You started the rumor, I've never heard it......GRIN

Clif

--- In TS-850_450_690@yahoogroups.com, "Lurch" <lurch9@...> wrote:
>
> And that's not defeatable, is it? So from where cometh the story it's PIN diode-switched?
>
> --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> >
> > It has a small T/R relay right at the antenna connection.
> >
> > Clif
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> > --- In TS-850_450_690@yahoogroups.com, "Lurch" <lurch9@> wrote:
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> > >
> > > So what other relay is involved, and how do I turn it off? I can't find anything in hte owner's manual about it.
> > >
> > > TIA, Brian KA9EGW
> > >
> >
>

8436. Re: New old ts850 owner

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-10-09 23:30:02 UTC
From: Lurch
Topic: 8431 Message: 8436

It was a comment on a forum on qth.com about ten-tec radios vs. the clunky clattery relays in yaesu's, and one poster chimed in with how silent the qsk in his 850 was. I never worked qsk much because the clattering relay drives me nuts, but I figured [or was hoping] it was just an "eye-dee-ten-tee error".

I've owned the radio 20 years and I believe it will go up for sale to buy a tentec...

--- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@...> wrote:
>
> You started the rumor, I've never heard it......GRIN
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "Lurch" <lurch9@> wrote:
> >
> > And that's not defeatable, is it? So from where cometh the story it's PIN diode-switched?
> >
> > --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> > >
> > > It has a small T/R relay right at the antenna connection.
> > >
> > > Clif
> > >
> > > --- In TS-850_450_690@yahoogroups.com, "Lurch" <lurch9@> wrote:
> > > >
> > > > Dragged my 850 out of mothballs after 10+ years...I have the switch flipped to turn off the t/r relay for amplifier control, I run barefoot, which makes using full qsk a lot quieter...BUT...even with the 'amplifer' switch on the back panel set to 'off', there is still something sounds like relay chatter on full qsk cw. sounds like it's coming from somewhere near the "S1" internal-tuner-defeat switch.
> > > >
> > > > it's much louder with the amplifier relay switched on, but it's there nonetheless.
> > > >
> > > > Now, I thought the 850 used PIN diodes for qsk and was supposed to be dead silent.
> > > >
> > > > So what other relay is involved, and how do I turn it off? I can't find anything in hte owner's manual about it.
> > > >
> > > > TIA, Brian KA9EGW
> > > >
> > >
> >
>

8437. Re: TS-450 Won't Key AGAIN

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-10-10 23:10:02 UTC
From: k7zs
Topic: 8341 Message: 8437

Only a short lived fix, the TS-450S is not keying again, so I guess I merely lucked out.

I measure 7.5v on Pin 2 of the microphone jack.

Hello Group

The radio that I thought I had fixed (seemingly by itself) has now broken itself again!

My next two measurements would be more telling, I think:

1. The SS line (Standby Switch - high is in standby, low indicates SEND position) is only showing a few millivolts on standby, but does go to ground (0 volts) when the SEND switch is depressed.

2. TXI is LOW (again, only a few millivolts). So, my understanding is that when the microprocessor says NO GO (for instance, you turned the radio on with the key down, send switch enabled etc) it will not key the radio, period. Resetting the microprocessor has no effect.

Until I can get TXI to go ACTIVE, I think I am stuck.

The microprocessor function on item 19 behaves oddly. when you switch it to OFF (disabling transmit) and after a power cycle switching it back to ON, it mutes the receiver and only a full reset will return the audio! TXB remains high (7.5v in this radio)when the audio is muted. What's with that?

Disregarding that for the moment, how can I unlock the TXI line?

73 Kevin K7ZS

--- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@...> wrote:
>
> Start by measuring the PTT voltage on Pin 2 of the mic jack. If it's low then figure out why.
>
> Clif
>
>
> --- In TS-850_450_690@yahoogroups.com, Kevin LaHaie <klahaie@> wrote:
> >
> > Hi Cliff
> >
> > I wondered why it was OFF by default, and now I see it is INHIBIT. I
> > wonder why the receiver MUTES when option 19 is ON?
> >
> > I have done it both ways, and the radio simply won't key, not even a TX
> > indicator light or anything.
> >

> > I did download the service manual, so I now see the various boards
> > involved in keying.
> >
> > I have ruled out the TRX board as pin 2 is not seeing the 3.2v on
> > transmit. So, the problem is 'upstream'. It does not key via any
> > method, CW KEY, STANDBY SWITCH or Microphone PTT, so I have to follow
> > the circuit to a common junction
> >
> > I am now going to trace backwards from the TRX board - BK IN board and
> > DELAY board are my next boards to check, then VOX.
> >
> > Any other suspect areas to check?
> >
> > Thanks for sharing your knowledge with us Kenwood fans!
> >
> > 73 Kevin K7ZS
> >
> > avvidclif wrote:
> > Option 19 is Tx Inhibit. When you turn it on the radio will not Tx.
> >
> > Do a reset and make sure it is off and then try again.
> >
> > Clif
> >
>

8438. TS-850S AT TUNER DOWN

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-10-11 07:59:14 UTC
From: gm7lsi
Topic: 8417 Message: 8438

Hi all,
I had a problem a few months back with my auto tuner churning
away for a while and then giving the usual beep beep telling me it hasn`t
succeeded, even though the antenna connected was quite close to resonance.
After some internal and futile investigation by me, I decided to send it
off for repair, but someone suggested it could be one of the 850`s settings,
I tried that and it resolved the problem. It has started doing the same
again and I can`t think for the life of of what it was that fixed it. It
might be that there is a fault this time, but if anyone has any suggestions,
they would be very much appreciated.

Many thanks, Johnny, GM7LSI.

8439. Re: [TS-850_450_690] TS-850S AT TUNER DOWN

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-10-11 13:15:43 UTC
From: Jesus Dominguez Jr
Topic: 8417 Message: 8439

I had the same problem with mine. All I had to do is turn the carrier and power UP (more power). Then it started to work okay again..

From: gm7lsi <johnnygm7lsi@...>
To: TS-850_450_690@yahoogroups.com
Sent: Sunday, October 11, 2009 2:59:14 AM
Subject: [TS-850_450_690] TS-850S AT TUNER DOWN

Hi all,
I had a problem a few months back with my auto tuner churning
away for a while and then giving the usual beep beep telling me it hasn`t
succeeded, even though the antenna connected was quite close to resonance.
After some internal and futile investigation by me, I decided to send it
off for repair, but someone suggested it could be one of the 850`s settings,
I tried that and it resolved the problem. It has started doing the same
again and I can`t think for the life of of what it was that fixed it. It
might be that there is a fault this time, but if anyone has any suggestions,
they would be very much appreciated.

Many thanks, Johnny, GM7LSI.

[Non-text portions of this message have been removed]

8440. Re: [TS-850_450_690] TS-850S AT TUNER DOWN

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-10-11 14:48:17 UTC
From: johnnygm7lsi@aol.com
Topic: 8417 Message: 8440

Sorted, it was the carrier turned back. your a star, many thanks, Johnny.
GM7LSI.

[Non-text portions of this message have been removed]

8441. A solution to: TS-450 Won't Key???

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-10-12 01:04:43 UTC
From: k7zs
Topic: 8341 Message: 8441

The TS-450S is once again transmitting, and I think I know what the problem is. Could be wrong, but I think I am on the right track.

I believe there is an intermittent short in the SS line, which is the STANDBY SWITCH. This is the switch on the front panel for putting the radio into SEND. Well, the TS-450S has a feature, that if the SS line is GOING TO GROUND when the radio is turned in, it stays in RECEIVE until the line is ungrounded, and THEN it will return to normal function!

Try it - push in the SEND button and turn on your rig, then try to key it with the mic - won't key. Release the SEND button, and VOILA, all functions normal again. TXI line goes high when the rig is keyed, TXB goes high, RXB goes low etc. etc. All is normal.

Well, I am pretty sure my radio has (had?) a short somewhere in the various places that the SS line goes, and without being able to release the SS line from ground, the radio just won't key!

I still haven't found the actual short, but I am suspecting the microphone jack. Once I get more curious I will tear the faceplace off and get at the backside of the 8 pin din connector to see if that is where it is. (right now, just happy it's working)

Hope this is it, and hope someday this post helps somebody else.

Any comments???

73 Kevin K7ZS

--- In TS-850_450_690@yahoogroups.com, "k7zs" <klahaie@...> wrote:
>
> Only a short lived fix, the TS-450S is not keying again, so I guess I merely lucked out.

8442. Re: Tuner for sale

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-10-12 04:09:25 UTC
From: Tim
Topic: 8411 Message: 8442

--- In TS-850_450_690@yahoogroups.com, "Tim" <tim_luvs_dawn@...> wrote:
>
> Have a good tested tuner for the 450 taking offer's,Looking for a decent wattmeter such as a pal or diawa cn801 for hf bands.. E-mail me at htjude@...
>
I have many parts for the ts 450..I have the antenna tuner extra pll board rf and if board filter board and car board.front panel and top[and bottem covers.All tested and working priced to sell..You get all of the above for 165.00 shipped..This is a great deal on some spare parts..I take paypal or us postal m/o..N4DXX

8443. Re: Tuner for sale

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-10-12 13:47:08 UTC
From: va3fm
Topic: 8411 Message: 8443

Tim, I assume you're not selling parts separately?

Steve - VA3FM

--- In TS-850_450_690@yahoogroups.com, "Tim" <tim_luvs_dawn@...> wrote:
>
>
>
> --- In TS-850_450_690@yahoogroups.com, "Tim" <tim_luvs_dawn@> wrote:
> >
> > Have a good tested tuner for the 450 taking offer's,Looking for a decent wattmeter such as a pal or diawa cn801 for hf bands.. E-mail me at htjude@
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> I have many parts for the ts 450..I have the antenna tuner extra pll board rf and if board filter board and car board.front panel and top[and bottem covers.All tested and working priced to sell..You get all of the above for 165.00 shipped..This is a great deal on some spare parts..I take paypal or us postal m/o..N4DXX
>

8444. Re: Tuner for sale

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-10-12 15:01:15 UTC
From: avvidclif
Topic: 8411 Message: 8444

Third request, is the digital unit any good?

Clif

--- In TS-850_450_690@yahoogroups.com, "Tim" <tim_luvs_dawn@...> wrote:
>
>
>
> --- In TS-850_450_690@yahoogroups.com, "Tim" <tim_luvs_dawn@> wrote:
> >
> > Have a good tested tuner for the 450 taking offer's,Looking for a decent wattmeter such as a pal or diawa cn801 for hf bands.. E-mail me at htjude@
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>

8445. Re: [TS-850_450_690] Re: Tuner for sale

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-10-12 16:06:59 UTC
From: Tim Jude
Topic: 8411 Message: 8445

Hey cliff it's already sold Thanks

--- On Mon, 10/12/09, avvidclif <clif@avvid.com> wrote:

From: avvidclif <clif@...>
Subject: [TS-850_450_690] Re: Tuner for sale
To: TS-850_450_690@yahoogroups.com
Date: Monday, October 12, 2009, 11:01 AM

Third request, is the digital unit any good?

Clif

--- In TS-850_450_690@ yahoogroups. com, "Tim" <tim_luvs_dawn@ ...> wrote:
>
>
>
> --- In TS-850_450_690@ yahoogroups. com, "Tim" <tim_luvs_dawn@ > wrote:
> >
> > Have a good tested tuner for the 450 taking offer's,Looking for a decent wattmeter such as a pal or diawa cn801 for hf bands.. E-mail me at htjude@
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> I have many parts for the ts 450..I have the antenna tuner extra pll board rf and if board filter board and car board.front panel and top[and bottem covers.All tested and working priced to sell..You get all of the above for 165.00 shipped..This is a great deal on some spare parts..I take paypal or us postal m/o..N4DXX
>

[Non-text portions of this message have been removed]

8446. Re: [TS-850_450_690] Re: Tuner for sale

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-10-12 16:07:48 UTC
From: Tim Jude
Topic: 8411 Message: 8446

What do you need?

--- On Mon, 10/12/09, va3fm <va3fm@...> wrote:

From: va3fm <va3fm@...>
Subject: [TS-850_450_690] Re: Tuner for sale
To: TS-850_450_690@yahoogroups.com
Date: Monday, October 12, 2009, 9:47 AM

Tim, I assume you're not selling parts separately?

Steve - VA3FM

--- In TS-850_450_690@ yahoogroups. com, "Tim" <tim_luvs_dawn@ ...> wrote:
>
>
>
> --- In TS-850_450_690@ yahoogroups. com, "Tim" <tim_luvs_dawn@ > wrote:
> >
> > Have a good tested tuner for the 450 taking offer's,Looking for a decent wattmeter such as a pal or diawa cn801 for hf bands.. E-mail me at htjude@
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> I have many parts for the ts 450..I have the antenna tuner extra pll board rf and if board filter board and car board.front panel and top[and bottem covers.All tested and working priced to sell..You get all of the above for 165.00 shipped..This is a great deal on some spare parts..I take paypal or us postal m/o..N4DXX
>

[Non-text portions of this message have been removed]

8447. Re: Tuner for sale

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-10-12 17:38:10 UTC
From: va3fm
Topic: 8411 Message: 8447

Well, do you still have the CAR unit and does it have the YM66312 DDS chips or the standard YM6631?

Also, what else do you have seeing your reply to Cliff?

--- In TS-850_450_690@yahoogroups.com, Tim Jude <tim_luvs_dawn@...> wrote:
>
> What do you need?
>
> --- On Mon, 10/12/09, va3fm <va3fm@...> wrote:
>
>
> From: va3fm <va3fm@...>
> Subject: [TS-850_450_690] Re: Tuner for sale
> To: TS-850_450_690@yahoogroups.com
> Date: Monday, October 12, 2009, 9:47 AM
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> Steve - VA3FM
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> --- In TS-850_450_690@ yahoogroups. com, "Tim" <tim_luvs_dawn@ ...> wrote:
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> > > Have a good tested tuner for the 450 taking offer's,Looking for a decent wattmeter such as a pal or diawa cn801 for hf bands.. E-mail me at htjude@
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8448. Re: [TS-850_450_690] Re: Tuner for sale

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-10-12 18:17:45 UTC
From: Tim Jude
Topic: 8411 Message: 8448

It has the 31's but works great..

--- On Mon, 10/12/09, va3fm <va3fm@hotmail.com> wrote:

From: va3fm <va3fm@...>
Subject: [TS-850_450_690] Re: Tuner for sale
To: TS-850_450_690@yahoogroups.com
Date: Monday, October 12, 2009, 1:38 PM

Well, do you still have the CAR unit and does it have the YM66312 DDS chips or the standard YM6631?

Also, what else do you have seeing your reply to Cliff?

--- In TS-850_450_690@ yahoogroups. com, Tim Jude <tim_luvs_dawn@ ...> wrote:
>
> What do you need?
>
> --- On Mon, 10/12/09, va3fm <va3fm@...> wrote:
>
>
> From: va3fm <va3fm@...>
> Subject: [TS-850_450_ 690] Re: Tuner for sale
> To: TS-850_450_690@ yahoogroups. com
> Date: Monday, October 12, 2009, 9:47 AM
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>
> Tim, I assume you're not selling parts separately?
>
> Steve - VA3FM
>
> --- In TS-850_450_690@ yahoogroups. com, "Tim" <tim_luvs_dawn@ ...> wrote:
> >
> >
> >
> > --- In TS-850_450_690@ yahoogroups. com, "Tim" <tim_luvs_dawn@ > wrote:
> > >
> > > Have a good tested tuner for the 450 taking offer's,Looking for a decent wattmeter such as a pal or diawa cn801 for hf bands.. E-mail me at htjude@
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> > I have many parts for the ts 450..I have the antenna tuner extra pll board rf and if board filter board and car board.front panel and top[and bottem covers.All tested and working priced to sell..You get all of the above for 165.00 shipped..This is a great deal on some spare parts..I take paypal or us postal m/o..N4DXX
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8449. Re: Tuner for sale

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-10-12 20:45:27 UTC
From: va3fm
Topic: 8411 Message: 8449

Thanks...

--- In TS-850_450_690@yahoogroups.com, Tim Jude <tim_luvs_dawn@...> wrote:
>
> It has the 31's but works great..
>
> --- On Mon, 10/12/09, va3fm <va3fm@...> wrote:
>
>
> From: va3fm <va3fm@...>
> Subject: [TS-850_450_690] Re: Tuner for sale
> To: TS-850_450_690@yahoogroups.com
> Date: Monday, October 12, 2009, 1:38 PM
>
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>
> Well, do you still have the CAR unit and does it have the YM66312 DDS chips or the standard YM6631?
>
> Also, what else do you have seeing your reply to Cliff?
>
> --- In TS-850_450_690@ yahoogroups. com, Tim Jude <tim_luvs_dawn@ ...> wrote:
> >
> > What do you need?
> >
> > --- On Mon, 10/12/09, va3fm <va3fm@> wrote:
> >
> >
> > From: va3fm <va3fm@>
> > Subject: [TS-850_450_ 690] Re: Tuner for sale
> > To: TS-850_450_690@ yahoogroups. com
> > Date: Monday, October 12, 2009, 9:47 AM
> >
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> > Tim, I assume you're not selling parts separately?
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> > Steve - VA3FM
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> > --- In TS-850_450_690@ yahoogroups. com, "Tim" <tim_luvs_dawn@ ...> wrote:
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8450. Re: Tuner for sale

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-10-12 21:24:03 UTC
From: Tim
Topic: 8411 Message: 8450

--- In TS-850_450_690@yahoogroups.com, "va3fm" <va3fm@...> wrote:
>
> Thanks...
>
>
>
>
>
> --- In TS-850_450_690@yahoogroups.com, Tim Jude <tim_luvs_dawn@> wrote:
> >
> > It has the 31's but works great..
> >
> > --- On Mon, 10/12/09, va3fm <va3fm@> wrote:
> >
> >
> > From: va3fm <va3fm@>
> > Subject: [TS-850_450_690] Re: Tuner for sale
> > To: TS-850_450_690@yahoogroups.com
> > Date: Monday, October 12, 2009, 1:38 PM
> >
> >
> >
> >
> >
> >
> >
> >
> >
> > Well, do you still have the CAR unit and does it have the YM66312 DDS chips or the
standard YM6631?
> >
> > Also, what else do you have seeing your reply to Cliff?
> >
> > --- In TS-850_450_690@ yahoogroups. com, Tim Jude <tim_luvs_dawn@ ...> wrote:
> > >
> > > What do you need?
> > >
> > > --- On Mon, 10/12/09, va3fm <va3fm@> wrote:
> > >
> > >
> > > From: va3fm <va3fm@>
> > > Subject: [TS-850_450_ 690] Re: Tuner for sale
> > > To: TS-850_450_690@ yahoogroups. com
> > > Date: Monday, October 12, 2009, 9:47 AM
> > >
> > >

> > >
> > >
> > >
> > >
> > >
> > >
> > > Tim, I assume you're not selling parts separately?
> > >
> > > Steve - VA3FM
> > >
> > > --- In TS-850_450_690@ yahoogroups. com, "Tim" <tim_luvs_dawn@ ...> wrote:
> > > >
> > > >
> > > >
> > > > --- In TS-850_450_690@ yahoogroups. com, "Tim" <tim_luvs_dawn@ > wrote:
> > > > >
> > > > > Have a good tested tuner for the 450 taking offer's,Looking for a decent wattmeter such as a pal or diawa cn801 for hf bands.. E-mail me at htjude@
> > > > >
> > > > > I have many parts for the ts 450..I have the antenna tuner extra pll board rf and if board filter board and car board.front panel and top[and bottem covers.All tested and working priced to sell..You get all of the above for 165.00 shipped..This is a great deal on some spare parts..I take paypal or us postal m/o..N4DXX
> > > >
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> > > [Non-text portions of this message have been removed]
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> >
> > [Non-text portions of this message have been removed]
> >
>
No buyers so it's all off to Fleebay...Thanks

8451. NO SOLUTION to: TS-450 Won't Key

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-10-13 03:53:01 UTC
From: k7zs
Topic: 8341 Message: 8451

Intermittent operation - the WORST anomoly.

The radio worked fine (except no VOX action?) all last night, and today once again it's doing everything right EXCEPT keying, regardless of method (SEND switch, PTT or CW KEY)

I am trying to find out how the TXI line is told 'go or no go', also trying to find out if the CSS line should be LOW on receive.

any help out there, this is becoming a grudge match!

The intermittent part still has me convinced that it's a connection somewhere, I don't see transistors 'coming and going'.

Anybody out there with an idea, please SHOUT it OUT!

73 Kevin K7ZS

8452. Re: [TS-850_450_690] NO SOLUTION to: TS-450 Won't Key

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-10-13 04:50:18 UTC
From: Tom Osborne
Topic: 8341 Message: 8452

Hi Kevin

I found something strange here in my '450. In menu item 19, it says 'Enables (ON) disables (OFF) transmit'. I would think that setting it to (ON) would make the transmitter work, but it does just the opposite here. I have to switch it to (OFF) to make the transmitter key. Seems backward to me. 73
Tom W7WHY

> Intermittent operation - the WORST anomoly.
>
> The radio worked fine (except no VOX action?) all last night, and today
> once again it's doing everything right EXCEPT keying, regardless of method
> (SEND switch, PTT or CW KEY)
>
> I am trying to find out how the TXI line is told 'go or no go', also
> trying to find out if the CSS line should be LOW on receive.
>
> any help out there, this is becoming a grudge match!
>
> The intermittent part still has me convinced that it's a connection
> somewhere, I don't see transistors 'coming and going'.
>
>
> Anybody out there with an idea, please SHOUT it OUT!
>
> 73 Kevin K7ZS
>
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>
>

8453. Re: NO SOLUTION to: TS-450 Won't Key

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-10-13 10:49:37 UTC
From: ve3tmt
Topic: 8341 Message: 8453

Kevin,

Have you checked the voltages on the RX and TX lines? So I haven't been following the thread. On the IF board, there are test points marked RXB TXB, RX8 or TX8 something like that. They should show 8V on each depending on what state the radio is in.

If you are in RX mode then the RX test point should show 8V and the TX test point 0V.When in TX, it is the opposite. If you are getting no 8V on the TX line, check the TRX board. It is a small sub board attached to the IF board. I don't have the service manual in front of me, but it is a good place to start if you haven't already done so.

Max
VE3TMT

--- In TS-850_450_690@yahoogroups.com, "k7zs" <klahaie@...> wrote:
>
> Intermittent operation - the WORST anomoly.
>
> The radio worked fine (except no VOX action?) all last night, and today once again it's doing everything right EXCEPT keying, regardless of method (SEND switch, PTT or CW KEY)
>
> I am trying to find out how the TXI line is told 'go or no go', also trying to find out if the CSS line should be LOW on receive.
>
> any help out there, this is becoming a grudge match!
>
> The intermittent part still has me convinced that it's a connection somewhere, I don't see transistors 'coming and going'.
>
>
> Anybody out there with an idea, please SHOUT it OUT!
>
> 73 Kevin K7ZS
>

8454. No power in AM/ FM

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-10-13 04:46:16 UTC
From: amdcasa
Topic: 8454 Message: 8454

Hello

I live in Spain, and buy an second hand 850, and i have the follow problem:

The transceiver some time is all OK, and After 5 minuts don´t have power in AM/FM mode , A/T don´t tune and the power in SSb is down to low level.(about 10 w).

ALC is all time full display all led in transmission mode.

I think the root of problem is ALC system.

When reset the transceiver, have the same problem.

Can you help me.

Thank in advance.

8455. Re: NO SOLUTION to: TS-450 Won't Key

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-10-13 20:30:20 UTC
From: k7zs
Topic: 8341 Message: 8455

Thanks to Tom and Max for good tips. Yes, the menu option 19 is counter-intuitive, but the default of OFF for TRANSMIT INHIBIT means it is NOT INHIBITED! Go figure!

This issue behaves just like option 19 is turned ON, inhibiting transmit. Everything else on the radio works fine.

On the 2 times the radio suddenly did start keying (with no particular prodding!) all of the TX8 and RX8 lines behaved properly, changing the voltage, keying properly (except for the VOX circuit which did not work - a clue?)

I am thinking that the microprocessor is being told to INHIBIT transmit, by not allowing TXI to go 'high'.

The SS line toggles correctly, being 'open' on receive and goes to ground (low) when the PTT or SEND button is engaged. The manual is ambiguous as to the purpose of CSS, which in this radio is at ground potential all the time. This line is an INPUT to the microprocessor, and I am wondering if this is how the microprocessor knows to INHIBIT transmitting.

Also, I am having trouble locating Q52, which is underneath IC11 on the IF unint. This is the transistor that starts the process of transmitting, When Q52 base goes low, it switches the transistor ON and goes on the BK IN board, which in turn goes to the TRX board. If that transistor is not switching, then of course nothing else will work. I am hoping to find a CLEAR, HIGH QUALITY scan of the FOIL SIDE of the IF board to help locate Q52. I will remove it and test it once I find it.

So, the effect on TXI by virtue of CSS is my current search, and then getting definite ID of the transistors on the bottom the IF unit.

Thanks for the responses!

73 Kevin K7ZS

--- In TS-850_450_690@yahoogroups.com, "ve3tmt" <ve3tmt@...> wrote:
>
> Kevin,
>
> Have you checked the voltages on the RX and TX lines? So I haven't been following the thread. On the IF board, there are test points marked RXB TXB, RX8 or TX8 something like that. They should show 8V on each depending on what state the radio is in.
>
> If you are in RX mode then the RX test point should show 8V and the TX test point 0V.When in TX, it is the opposite. If you are getting no 8V on the TX line, check the TRX board. It is a small sub board attached to the IF board. I don't have the service manual in front of me, but it is a good place to start if you haven't already done so.
>
> Max

> VE3TMT
>
> --- In TS-850_450_690@yahoogroups.com, "k7zs" <klahaie@> wrote:
> >
> > Intermittent operation - the WORST anomoly.
> >
> > The radio worked fine (except no VOX action?) all last night, and today once again it's doing everything right EXCEPT keying, regardless of method (SEND switch, PTT or CW KEY)
> >
> > I am trying to find out how the TXI line is told 'go or no go', also trying to find out if the CSS line should be LOW on receive.
> >
> > any help out there, this is becoming a grudge match!
> >
> > The intermittent part still has me convinced that it's a connection somewhere, I don't see transistors 'coming and going'.
> >
> >
> > Anybody out there with an idea, please SHOUT it OUT!
> >
> > 73 Kevin K7ZS
> >
>

8456. CSS line status is SOLUTION to: TS-450 Won't Key

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-10-13 22:06:39 UTC
From: k7zs
Topic: 8341 Message: 8456

Well, I turn the radio on today, with a logic probe on the CSS line, and this time when the radio turned on, CSS was NOT LOW! Not shorted to ground, and guess what? THE RADIO NOW KEYS!

So, I need to determine WHAT variables in the radio will cause the microprocessor to indicate CSS should be HIGH, which in turn does not allow TXI to go HIGH allowing TRANSMIT!

Is it possibly the CPU is intermittent, and triggers the 'Option 19' Inhibit On by mistake? All else works FB on this radio when CSS is not grounded.

WHAT MAKES CSS GO TO GROUND?

-Kevin K7ZS

8457. Re: [TS-850_450_690] No power in AM/ FM

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-10-13 22:43:29 UTC
From: Dave ve3wej
Topic: 8454 Message: 8457

check files area for cap replacement on carrier board, and repair to dc-dc board. there are several mods required for the 850, go through the list to see what has been done, if any

Dave Garber
VE3WEJ

From: amdcasa
Sent: Tuesday, October 13, 2009 12:46 AM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] No power in AM/ FM

Hello

I live in Spain, and buy an second hand 850, and i have the follow problem:

The transceiver some time is all OK, and After 5 minuts don´t have power in AM/FM mode , A/T don´t tune and the power in SSb is down to low level.(about 10 w).

ALC is all time full display all led in transmission mode.

I think the root of problem is ALC system.

When reset the transceiver, have the same problem.

Can you help me.

Thank in advance.

[Non-text portions of this message have been removed]

8458. Re: CSS line status is SOLUTION to: TS-450 Won't Key

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-10-13 22:45:06 UTC
From: ah6rr1
Topic: 8341 Message: 8458

Kevin try and check for a cold solder jount on the cpu.I know many many pins but it is worth a try. Time to break out the 20X loop.
Roland AH6RR ;-)

--- In TS-850_450_690@yahoogroups.com, "k7zs" <klahaie@...> wrote:
>
> Well, I turn the radio on today, with a logic probe on the CSS line, and this time when the radio turned on, CSS was NOT LOW! Not shorted to ground, and guess what? THE RADIO NOW KEYS!
>
> So, I need to determine WHAT variables in the radio will cause the microprocessor to indicate CSS should be HIGH, which in turn does not allow TXI to go HIGH allowing TRANSMIT!
>
> Is it possibly the CPU is intermittent, and triggers the 'Option 19' Inhibit On by mistake? All else works FB on this radio when CSS is not grounded.
>
> WHAT MAKES CSS GO TO GROUND?
>
> -Kevin K7ZS
>

8459. Re: NO SOLUTION to: TS-450 Won't Key

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-10-14 00:49:24 UTC
From: avvidclif
Topic: 8341 Message: 8459

What's hard to figure out?

"TX Inhibit" It's either off or on. Off = not inhibited.

Japanese logic.

Clif

--- In TS-850_450_690@yahoogroups.com, "k7zs" <klahaie@...> wrote:
>
> Thanks to Tom and Max for good tips. Yes, the menu option 19 is counter-intuitive, but the default of OFF for TRANSMIT INHIBIT means it is NOT INHIBITED! Go figure!
>
> This issue behaves just like option 19 is turned ON, inhibiting transmit. Everything else on the radio works fine.
>
> On the 2 times the radio suddenly did start keying (with no particular prodding!) all of the TX8 and RX8 lines behaved properly, changing the voltage, keying properly (except for the VOX circuit which did not work - a clue?)
>
> I am thinking that the microprocessor is being told to INHIBIT transmit, by not allowing TXI to go 'high'.
>
> The SS line toggles correctly, being 'open' on receive and goes to ground (low) when the PTT or SEND button is engaged. The manual is ambiguous as to the purpose of CSS, which in this radio is at ground potential all the time. This line is an INPUT to the microprocessor, and I am wondering if this is how the microprocessor knows to INHIBIT transmitting.
>
> Also, I am having trouble locating Q52, which is underneath IC11 on the IF unint. This is the transistor that starts the process of transmitting, When Q52 base goes low, it switches the transistor ON and goes on the BK IN board, which in turn goes to the TRX board. If that transistor is not switching, then of course nothing else will work. I am hoping to find a CLEAR, HIGH QUALITY scan of the FOIL SIDE of the IF board to help locate Q52. I will remove it and test it once I find it.
>
> So, the effect on TXI by virtue of CSS is my current search, and then getting definite ID of the transistors on the bottom the IF unit.
>
> Thanks for the responses!
>
> 73 Kevin K7ZS
>
>
> --- In TS-850_450_690@yahoogroups.com, "ve3tmt" <ve3tmt@> wrote:
> >

> > Kevin,
> >
> > Have you checked the voltages on the RX and TX lines? So I haven't been following the thread. On the IF board, there are test points marked RXB TXB, RX8 or TX8 something like that. They should show 8V on each depending on what state the radio is in.
> >
> > If you are in RX mode then the RX test point should show 8V and the TX test point 0V.When in TX, it is the opposite. If you are getting no 8V on the TX line, check the TRX board. It is a small sub board attached to the IF board. I don't have the service manual in front of me, but it is a good place to start if you haven't already done so.
> >
> > Max
> > VE3TMT
> >
> > --- In TS-850_450_690@yahoogroups.com, "k7zs" <klahaie@> wrote:
> > >
> > > Intermittent operation - the WORST anomoly.
> > >
> > > The radio worked fine (except no VOX action?) all last night, and today once again it's doing everything right EXCEPT keying, regardless of method (SEND switch, PTT or CW KEY)
> > >
> > > I am trying to find out how the TXI line is told 'go or no go', also trying to find out if the CSS line should be LOW on receive.
> > >
> > > any help out there, this is becoming a grudge match!
> > >
> > > The intermittent part still has me convinced that it's a connection somewhere, I don't see transistors 'coming and going'.
> > >
> > >
> > > Anybody out there with an idea, please SHOUT it OUT!
> > >
> > > 73 Kevin K7ZS
> > >
> >
>

8460. Re: NO SOLUTION to: TS-450 Won't Key

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-10-14 05:17:07 UTC
From: k7zs
Topic: 8341 Message: 8460

Clif, you obviously speak and think Kenwood Japanese!!! You have interpreted the manual correctly, but probably I am not alone in this mis-interpretation!

The manual states this is a TRANSMIT feature, not INHIBIT:

Function 19: ENABLE (ON) DISABLE (OFF) TRANSMIT

To me, that means setting it to ON allows transmitting, and OFF disables transmitting. If it said INHIBIT, it would make a little more sense!!!! (NOT INHIBIT - double negative means ALLOW!)

Anyway, by now we know what it means, I am still stumped as to why the radio comes up most of the time with CSS line low, INHIBITING transmit. Can a CPU be flaky???

73 Kevin K7ZS

--- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@...> wrote:
>
> What's hard to figure out?
>
> "TX Inhibit" It's either off or on. Off = not inhibited.
>
> Japanese logic.
>
> Clif

8461. Re: NO SOLUTION to: TS-450 Won't Key

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-10-14 14:03:25 UTC
From: avvidclif
Topic: 8341 Message: 8461

After 28 years of reading them the new ones are great compared to the old.

On the CSS line. I would start at the base of Q50 on the IF. High or low? It should be low. If high that grounds CSS. Then figure out where the high is coming from. If the base is low I would remove Q50 and see what happens to CSS. If it is still low from there go to the digital unit and check pin 28 of IC6, it should be high(5v). If not look for cold solder or an open on R46 which is a 10k pull-up resistor and then check the bypass cap C67 for leakage. It's fairly simple since you figured out that low CSS was causing the problem.

1. Q50 is leaking or turned on
2. R46 is open or cold solder
3. C67 is leaky/shorted

By it being intermittent I would bet on cold solder on R46.

Clif

--- In TS-850_450_690@yahoogroups.com, "k7zs" <klahaie@...> wrote:
>
> Clif, you obviously speak and think Kenwood Japanese!!! You have interpreted the manual correctly, but probably I am not alone in this mis-interpretation!
>
> The manual states this is a TRANSMIT feature, not INHIBIT:
>
> Function 19: ENABLE (ON) DISABLE (OFF) TRANSMIT
>
> To me, that means setting it to ON allows transmitting, and OFF disables transmitting. If it said INHIBIT, it would make a little more sense!!!! (NOT INHIBIT - double negative means ALLOW!)
>
> Anyway, by now we know what it means, I am still stumped as to why the radio comes up most of the time with CSS line low, INHIBITING transmit. Can a CPU be flaky???
>
> 73 Kevin K7ZS
>
>
> --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> >
> > What's hard to figure out?
> >
> > "TX Inhibit" It's either off or on. Off = not inhibited.
> >
> > Japanese logic.
> >
> > Clif
>

8462. Re: NO SOLUTION to: TS-450 Won't Key

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-10-15 04:29:43 UTC
From: k7zs
Topic: 8341 Message: 8462

Hi Clif - THANKS!

There is no substitute for experience, and of course PATIENCE! I have worked a lot on the hybrids, going all the way back to the T599/R599, but this is my first effort on the newer radios. Very logical, wish there was a silkscreen on the foil side for components. I need an original service manual though for better 'x-ray' views.

That said, of course now the radio has now been rock solid for the last 2 days, with numerous power cycles etc. But, with your kind contribution of the potential sources of an erroneous CSS level, hopefully I can find the intermittend and make it solid for good!

Through all of this, I now discover that the VOX circuit is not working, so that will be next.

I will share my results with the group for possible future users with the same issue!

Thanks for your contribution to this group!

73 Kevin K7ZS

--- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@...> wrote:
>
> After 28 years of reading them the new ones are great compared to the old.
>
> On the CSS line. I would start at the base of Q50 on the IF. High or low? It should be low. If high that grounds CSS. Then figure out where the high is coming from. If the base is low I would remove Q50 and see what happens to CSS. If it is still low from there go to the digital unit and check pin 28 of IC6, it should be high(5v). If not look for cold solder or an open on R46 which is a 10k pull-up resistor and then check the bypass cap C67 for leakage. It's fairly simple since you figured out that low CSS was causing the problem.
>
> 1. Q50 is leaking or turned on
> 2. R46 is open or cold solder
> 3. C67 is leaky/shorted
>
> By it being intermittent I would bet on cold solder on R46.
>
> Clif
>

8463. Re: [TS-850_450_690] Re: NO SOLUTION to: TS-450 Won't Key

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-10-15 04:32:26 UTC
From: Tom Osborne
Topic: 8341 Message: 8463

Hi Kevin

Did you try the VOX with headphones on? The anti-trip is kinda touchy with the speaker. I find I get a lot better VOX action with the 'phones on. 73 Tom W7WHY

> Hi Clif - THANKS!
>
> There is no substitute for experience, and of course PATIENCE! I have
> worked a lot on the hybrids, going all the way back to the T599/R599, but
> this is my first effort on the newer radios. Very logical, wish there was
> a silkscreen on the foil side for components. I need an original service
> manual though for better 'x-ray' views.
>
> That said, of course now the radio has now been rock solid for the last 2
> days, with numerous power cycles etc. But, with your kind contribution of
> the potential sources of an erroneous CSS level, hopefully I can find the
> intermittend and make it solid for good!
>
> Through all of this, I now discover that the VOX circuit is not working,
> so that will be next.
>
> I will share my results with the group for possible future users with the
> same issue!
>
> Thanks for your contribution to this group!
>
> 73 Kevin K7ZS

8464. TS-450 VOX not working

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-10-15 15:40:01 UTC
From: k7zs
Topic: 8341 Message: 8464

Hi Tom

The VOX doesn't work with CW either, so I know I have a fundamental problem with the VOX amp. CW, with the SEND key depressed does send, and the sidetone works all the time so the CW circuit is fine. In SSB, I had the Anti-Vox pot ALL the way down and the Gain ALL the way up, screaming into the microphone. Nada.

So, once I am convinced I have the keying issue resolved, I will tackle the VOX.

Thanks for the tip, though, the settings on a lot of radio's adjustments are a mystery why they are so radical, making it tough to find the 'sweet spot' without a vernier dial!

73 Kevin K7ZS

--- In TS-850_450_690@yahoogroups.com, "Tom Osborne" <w7why@...> wrote:
>
> Hi Kevin
>
> Did you try the VOX with headphones on? The anti-trip is kinda touchy with
> the speaker. I find I get a lot better VOX action with the 'phones on. 73
> Tom W7WHY
>

8465. 2 pcs of original new DDS YM66312 offered for sale for Kenwood TS-450, 850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-10-15 09:15:35 UTC
From: vojtech
Topic: 8465 Message: 8465

Hello group,
I have recently bought the offered (last??) 4pcs of YM66312 on the Ebay (I think this auction was announced here too) to repair my failed TS-450S. So two of them were currently used, soldered to CAR board and brought life to my beloved TS-450S again, and the next two are available for similarly ill Kenwood radio. They are all in original Kenwood boxes with docs, pictures and other details can be sent by email.
Selling price for both YM66312 together is 150Euro (200USD), located Prague, Czech Rep, Europe, due to next expenses with customs, VAT and postage. The price is high I know too, but I can show all the papers why it is so. It is for the similarly mad user, who likes his radio as I do, and has no heart to slaughter it for selling it for parts.

Best regards from Prague and thanks for reading and understanding,

Vojtech, OK1VAW.

8466. SCS Modem & TS-450S/TS-850S

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-10-16 23:03:34 UTC
From: Crownhaven
Topic: 8466 Message: 8466

Curious if anyone is using an SCS Pactor modem with TS-450/850?????

Thanks,

Steve, N4JQQ

8467. Re: [TS-850_450_690] Digest Number 2141

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-10-17 10:01:26 UTC
From: bud Thompson
Topic: 8467 Message: 8467

Kenwood TS-850_450_690Steve -

I've been using SCS PTC-II with TS 850 24/7 since about 1993 or so.

How can I help?

bud N0IA
WL2K HF RMS
----- Original Message -----
From: TS-850_450_690@yahoogroups.com
To: TS-850_450_690@yahoogroups.com
Sent: Saturday, October 17, 2009 03:48
Subject: [TS-850_450_690] Digest Number 2141

Kenwood TS-850_450_690
Messages In This Digest (1 Message)
1. SCS Modem & TS-450S/TS-850S From: Crownhaven
View All Topics | Create New Topic Message
1. SCS Modem & TS-450S/TS-850S
Posted by: "Crownhaven" crownhaven@... gatorman_71
Fri Oct 16, 2009 4:03 pm (PDT)

Curious if anyone is using an SCS Pactor modem with TS-450/850?????

Thanks,

Steve, N4JQQ

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i-SAFE

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No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 8.5.421 / Virus Database: 270.14.20/2441 - Release Date: 10/16/09 18:39:00

[Non-text portions of this message have been removed]

8468. Re: [TS-850_450_690] Digest Number 2141

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-10-17 13:04:48 UTC
From: Crownhaven
Topic: 8467 Message: 8468

Hi Bud.....I probably should have been more specific. I was trying to talk to someone who was using rig control with an SCS PTC-IIpro. It looks like they make a control cable specifically for the 850/450 at SCS. I was trying to figure out how this worked with the CAT interface cable. I guess I wouldn't need the CAT interface cable as the rig would be controlled from the computer via the modem using their cable???????

Regards,

Steve, N4JQQ

bud Thompson wrote:
>
>
> Kenwood TS-850_450_690Steve -
>
> I've been using SCS PTC-II with TS 850 24/7 since about 1993 or so.
>
> How can I help?
>
> bud N0IA
> WL2K HF RMS
> ----- Original Message -----
> From: TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>
> To: TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>
> Sent: Saturday, October 17, 2009 03:48
> Subject: [TS-850_450_690] Digest Number 2141
>
> Kenwood TS-850_450_690
> Messages In This Digest (1 Message)
> 1. SCS Modem & TS-450S/TS-850S From: Crownhaven
> View All Topics | Create New Topic Message
> 1. SCS Modem & TS-450S/TS-850S
> Posted by: "Crownhaven" crownhaven@...
> <mailto:crownhaven%40bellsouth.net> gatorman_71
> Fri Oct 16, 2009 4:03 pm (PDT)
>
> Curious if anyone is using an SCS Pactor modem with TS-450/850?????
>
> Thanks,
>
> Steve, N4JQQ
>
> Back to top Reply to sender | Reply to group | Reply via web post

> Messages in this topic (1) Recent Activity
> a.. 5 New Members
> Visit Your Group
> Share Photos
> Put your favorite
>
> photos and
>
> more online.
>
> Check out the
> Y! Groups blog
>
> Stay up to speed
>
> on all things Groups!
>
> Group Charity
> i-SAFE
>
> Keep your kids
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> THANKS FOR USING TS-850_450_690@...
> <mailto:TS-850_450_690%40YAHOOGROUPS.COM>
> MARKETPLACE
> Mom Power: Discover the community of moms doing more for their
> families, for the world and for each other
>
> Change settings via the Web (Yahoo! ID required)
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> Visit Your Group | Yahoo! Groups Terms of Use | Unsubscribe
>
>
> ~---
>
> No virus found in this incoming message.
> Checked by AVG - www.avg.com
> Version: 8.5.421 / Virus Database: 270.14.20/2441 - Release Date:
> 10/16/09 18:39:00
>
> [Non-text portions of this message have been removed]
>

>

8469. Re: [TS-850_450_690] Digest Number 2141

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-10-17 13:13:21 UTC
From: Dave ve3wej
Topic: 8467 Message: 8469

only out of curiosity, i checked their website.. remote control looked to me to be icom and yaesu only. they sold audio (13 pin to tnc port), but I saw no rig control available......

did I miss a cable option???

----- Original Message -----
From: Crownhaven
To: TS-850_450_690@yahoogroups.com
Sent: Saturday, October 17, 2009 9:04 AM
Subject: Re: [TS-850_450_690] Digest Number 2141

Hi Bud.....I probably should have been more specific. I was trying to talk to someone who was using rig control with an SCS PTC-IIpro. It looks like they make a control cable specifically for the 850/450 at SCS. I was trying to figure out how this worked with the CAT interface cable. I guess I wouldn't need the CAT interface cable as the rig would be controlled from the computer via the modem using their cable???????

Regards,

Steve, N4JQQ

bud Thompson wrote:
>
>
> Kenwood TS-850_450_690Steve -
>
> I've been using SCS PTC-II with TS 850 24/7 since about 1993 or so.
>
> How can I help?
>
> bud N0IA
> WL2K HF RMS
> ----- Original Message -----
> From: TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>
> To: TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>
> Sent: Saturday, October 17, 2009 03:48
> Subject: [TS-850_450_690] Digest Number 2141
>
> Kenwood TS-850_450_690
> Messages In This Digest (1 Message)
> 1. SCS Modem & TS-450S/TS-850S From: Crownhaven
> View All Topics | Create New Topic Message
> 1. SCS Modem & TS-450S/TS-850S

> Posted by: "Crownhaven" crownhaven@...
> <mailto:crownhaven%40bellsouth.net> gatorman_71
> Fri Oct 16, 2009 4:03 pm (PDT)
>
> Curious if anyone is using an SCS Pactor modem with TS-450/850?????
>
> Thanks,
>
> Steve, N4JQQ
>
> Back to top Reply to sender | Reply to group | Reply via web post
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>
> photos and
>
> more online.
>
> Check out the
> Y! Groups blog
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> Stay up to speed
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> Group Charity
> i-SAFE
>
> Keep your kids
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> safer online
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> THANKS FOR USING TS-850_450_690@...
> <mailto:TS-850_450_690%40YAHOOGROUPS.COM>
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>
> Change settings via the Web (Yahoo! ID required)
> Change settings via email: Switch delivery to Individual | Switch
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> Visit Your Group | Yahoo! Groups Terms of Use | Unsubscribe

>
>
> ---
>
> No virus found in this incoming message.
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> 10/16/09 18:39:00
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

8470. Re: [TS-850_450_690] Digest Number 2141

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-10-17 15:31:30 UTC
From: Crownhaven
Topic: 8467 Message: 8470

Yes, you missed it. They have a whole raft of cables for Kenwood radios. I am controlling at TS-870S right now. But, it has the interface. I am using one of the SCS cables for that. There is a cable for the 850/450. I just wanted to see how it worked.

Steve

Dave ve3wej wrote:
>
>
> only out of curiosity, i checked their website.. remote control looked
> to me to be icom and yaesu only. they sold audio (13 pin to tnc port),
> but I saw no rig control available......
>
> did I miss a cable option???
>
> ----- Original Message -----
> From: Crownhaven
> To: TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>
> Sent: Saturday, October 17, 2009 9:04 AM
> Subject: Re: [TS-850_450_690] Digest Number 2141
>
> Hi Bud.....I probably should have been more specific. I was trying to
> talk to someone who was using rig control with an SCS PTC-IIpro. It
> looks like they make a control cable specifically for the 850/450 at
> SCS. I was trying to figure out how this worked with the CAT interface
> cable. I guess I wouldn't need the CAT interface cable as the rig would
> be controlled from the computer via the modem using their cable???????
>
> Regards,
>
> Steve, N4JQQ
>
> bud Thompson wrote:
> >
> >
> > Kenwood TS-850_450_690Steve -
> >
> > I've been using SCS PTC-II with TS 850 24/7 since about 1993 or so.
> >
> > How can I help?
> >
> > bud N0IA
> > WL2K HF RMS

> > ----- Original Message -----
> > From: TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>
> > <mailto:TS-850_450_690%40yahoogroups.com>
> > To: TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>
> > <mailto:TS-850_450_690%40yahoogroups.com>
> > Sent: Saturday, October 17, 2009 03:48
> > Subject: [TS-850_450_690] Digest Number 2141
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> > Kenwood TS-850_450_690
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> > <mailto:crownhaven%40bellsouth.net> gatorman_71
> > Fri Oct 16, 2009 4:03 pm (PDT)
> >
> > Curious if anyone is using an SCS Pactor modem with TS-450/850?????
> >
> > Thanks,
> >
> > Steve, N4JQQ
> >
> > Back to top Reply to sender | Reply to group | Reply via web post
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> >
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> > Y! Groups blog
> >
> > Stay up to speed
> >
> > on all things Groups!
> >
> > Group Charity
> > i-SAFE
> >
> > Keep your kids
> >
> > safer online

> >
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> > Messages | Files | Photos | Links | Database | Polls | Members |
> Calendar
> > THANKS FOR USING TS-850_450_690@...
> <mailto:TS-850_450_690%40YAHOOGROUPS.COM>
> > <mailto:TS-850_450_690%40YAHOOGROUPS.COM>
> > MARKETPLACE
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> >
> > --
> >
> > No virus found in this incoming message.
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> > Version: 8.5.421 / Virus Database: 270.14.20/2441 - Release Date:
> > 10/16/09 18:39:00
> >
> > [Non-text portions of this message have been removed]
> >
> >
>
> [Non-text portions of this message have been removed]
>
>

8471. TS850 low sensitivity

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-10-17 13:42:06 UTC
From: Patrick Egloff
Topic: 8471 Message: 8471

Hi all,
I just received a "new" TS850S i've bought this week. I already have one but wanted to have another transceiver for SO2R and spare. (i will sell my TS950S)
And i can't imagine getting a better one for the price of a TS850 ! I've tested a lot of transceivers including the K3, and really i love the TS850s !!

I made some measures and found out that the "new" one has about 15dB less sensitivity then the "old" one. I can't blame the seller, because when you put the trx on an antenna, you can only notice the difference if you have a comparison possibility.

The phenomenom is global on all bands.
The preamplifier works on all bands.
The attenuators are operating.

Before i open it and put my hands everywhere, does somebody have an idea what could be wrong ?

The old one has a 3 million serial #, the new one a 5 million ! :-)
I don't think there is a sensitivity difference between production lines.

73 and thanks, Patrick.

--
Patrick Egloff - TK5EP
email : pegloff@...
Web page : http://tk5ep.free.fr

[Non-text portions of this message have been removed]

8472. Re: TS850 low sensitivity

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-10-18 08:07:33 UTC
From: ny1t
Topic: 8471 Message: 8472

The only problem I have seen is the attenuator resistors were bad in mine. I think it was due to overload from another transmitter nearby. Beyond that I would check the diodes and first transistor in the RX.

8473. Re: TS850 low sensitivity

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-10-18 16:22:32 UTC
From: huggie1162009
Topic: 8471 Message: 8473

Check Q49 on page 121 it is a RF switch
This transistor was shorted on one of my ts-850 .
I have (3) ts-850 to compare .
And the rx had low sensitivity on one radio.
After replacing the transistor the reception became normal .
When the transistor was shorted it put a (.01) capacitor across RX line .
André ve2ahs

--- In TS-850_450_690@yahoogroups.com, "ny1t" <ny1t@...> wrote:
>
>
> The only problem I have seen is the attenuator resistors were bad in mine. I think it was due to overload from another transmitter nearby. Beyond that I would check the diodes and first transistor in the RX.
>

8474. Re: TS850 low sensitivity

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-10-18 16:42:54 UTC
From: tk5ep
Topic: 8471 Message: 8474

Hi André,

I just came on the Yahho page to send my result and in fact, i have the same problem !
I have been searching a while and finaly found out that the problem was coming from the RF board. I was expecting that it could come from a part BEFORE the board.

Injecting the signal AFTER the RF switching diode placed after the low pass filter brought the RX back to life.

To make it short, it was the same Q49 which is short... It certainly is intended to "absorb" some RF at the RX input when in TX.

So it seems to be a common problem on the TS850.

Now i have to find this transistor which has 2 built-in bias resistors. I couldn't find a seller yet.

Thanks for your mail, even if it arrived a bit late... It could have safed me some time. HI HI
Now that the TRX is open, i will proceed some mods (CW monitor level, separate RX and TX, etc...)

73, Patrick

--- In TS-850_450_690@yahoogroups.com, "huggie1162009" <alongcha116@...> wrote:
>
> Check Q49 on page 121 it is a RF switch
> This transistor was shorted on one of my ts-850 .
> I have (3) ts-850 to compare .
> And the rx had low sensitivity on one radio.
> After replacing the transistor the reception became normal .
> When the transistor was shorted it put a (.01) capacitor across RX line .
> André ve2ahs
>
> --- In TS-850_450_690@yahoogroups.com, "ny1t" <ny1t@> wrote:
> >
> >
> > The only problem I have seen is the attenuator resistors were bad in mine. I think it was due to overload from another transmitter nearby. Beyond that I would check the diodes and first transistor in the RX.
> >
>

8475. Re: TS-450 need help. Very low receive audio

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-10-21 03:27:11 UTC
From: dnrsupply
Topic: 5552 Message: 8475

I had this same problem and it was exactly what Clif has said..C104 had leaked...luckily not all over the board just on itself. I replaced and all is like new! I used a 16v 470uf...the original was a 10v 470uf. I know the last post was almost 3 years ago...but the more inf the better.

--- In TS-850_450_690@yahoogroups.com, "pa0mir" <n.byl@...> wrote:
>
> Check the squelch pot
> 73
> Nico
>
> ----- Original Message -----
> From: o19at052
> To: TS-850_450_690@yahoogroups.com
> Sent: Wednesday, February 07, 2007 4:59 PM
> Subject: [TS-850_450_690] Re: TS-450 need help. Very low receive audio
>
>
> Hello, in whitch mode do u receive??? ssb??? then don't rf gain full
> clockwise
>
> 73 Bettus PD3DX
>
> --- In TS-850_450_690@yahoogroups.com, "ron" <sale_2_u@> wrote:
> >
> > I have a TS-450 and everything seems fine except the receive audio.
> If
> > you put your ear close enough to the speaker you can bearly hear the
> > audio, but it is receiving signals. This is with the AF and RF turned
> > fully clockwise. I have just got this radio used so I could be doing
> > something wrong but I don't think so. I've owned similiar radios in
> the
> > past. Does anyone have any suggestion as to what I may be doing
> wrong.
> > Or have any ideas as to what might be the cause internally? What part
> > to check or replace? If checking a part, what to check for? Any
> > troubleshooting methonds? I do have the operators manual. Thank's
> >
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

8476. Re: TS850 Band switching diodes

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-10-22 03:39:08 UTC
From: n0sya
Topic: 2205 Message: 8476

--- In TS-850_450_690@yahoogroups.com, "Michael \(DL9HAM\)" <dl9ham_yahoo@...> wrote:
>
> Found another improvement:
> the diodes dc current is only about 1.5 mA!
> so the serial resistance of the bar is at 1.5 mA around 10 Ohm.
> the RLV135 of the ts2000 and ts870 is around 20 Ohms (have no datasheet for
> RLS135), and when in series with 50 Ohm Antenna impedance this is quite an
> improvement. changing the resistors (R31,32,33....) from 10k to 4.7k will
> increase the current, still within specs of the 74ls145, and therfore
> decrease the serial resistance of the bar64 to 5 ohms or less......
>
> its 00:30 now, time to go to bed,
> bye for now
> mike in HAMburg
> dl9ham

Hi group,
Does anyone have a US source for these diodes??

Chris

8477. No TX on ts-850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-10-23 14:20:02 UTC
From: va3aso
Topic: 7822 Message: 8477

Hey Guys,
I have no tx on one of my 850s. It was working perfectly. I disconnected it to test another radio, and when I put it back, tx was dead. No output power in any mode. Tune doesn't work (as expected). Recieve is fine. I opened it up to check for any bad traces, etc. I couldn't find anything wrong. The radio does switch to transmit. The car board caps are not leaking. The radio is super clean inside. I am very capable with changing out components and very good with smt soldering. Is there something I should check right away? I checked most of the sister boards and all seems fine. Probably one of the switching diodes, but I would like some advice on where to start.
Thanks in advance.

8478. Re: No TX on ts-850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-10-23 18:01:54 UTC
From: va3aso
Topic: 7822 Message: 8478

This is a NEW post. I don't know why it is attached to another post I had earlier this year. That radio is fine. It was a bad trace. This is my other 850.

--- In TS-850_450_690@yahoogroups.com, "va3aso" <ronrinomato@...> wrote:
>
> Hey Guys,
> I have no tx on one of my 850s. It was working perfectly. I disconnected it to test another radio, and when I put it back, tx was dead. No output power in any mode. Tune doesn't work (as expected). Recieve is fine. I opened it up to check for any bad traces, etc. I couldn't find anything wrong. The radio does switch to transmit. The car board caps are not leaking. The radio is super clean inside. I am very capable with changing out components and very good with smt soldering. Is there something I should check right away? I checked most of the sister boards and all seems fine. Probably one of the switching diodes, but I would like some advice on where to start.
> Thanks in advance.
>

8479. Re: No TX on ts-850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-10-23 18:23:16 UTC
From: avvidclif
Topic: 7822 Message: 8479

Start by checking the RXB and TXB test points on the RF unit. Right side about halfway back.

Clif

--- In TS-850_450_690@yahoogroups.com, "va3aso" <ronrinomato@...> wrote:
>
> This is a NEW post. I don't know why it is attached to another post I had earlier this year. That radio is fine. It was a bad trace. This is my other 850.
>
> --- In TS-850_450_690@yahoogroups.com, "va3aso" <ronrinomato@> wrote:
> >
> > Hey Guys,
> > I have no tx on one of my 850s. It was working perfectly. I disconnected it to test another radio, and when I put it back, tx was dead. No output power in any mode. Tune doesn't work (as expected). Recieve is fine. I opened it up to check for any bad traces, etc. I couldn't find anything wrong. The radio does switch to transmit. The car board caps are not leaking. The radio is super clean inside. I am very capable with changing out components and very good with smt soldering. Is there something I should check right away? I checked most of the sister boards and all seems fine. Probably one of the switching diodes, but I would like some advice on where to start.
> > Thanks in advance.
> >
>

8480. Re: No TX on ts-850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-10-23 22:02:00 UTC
From: va3aso
Topic: 7822 Message: 8480

Thanks Cliff,
That is the first place I checked, working properly, anywhere else I can check!

--- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@...> wrote:
>
> Start by checking the RXB and TXB test points on the RF unit. Right side about halfway back.
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "va3aso" <ronrinomato@> wrote:
> >
> > This is a NEW post. I don't know why it is attached to another post I had earlier this year. That radio is fine. It was a bad trace. This is my other 850.
> >
> > --- In TS-850_450_690@yahoogroups.com, "va3aso" <ronrinomato@> wrote:
> > >
> > > Hey Guys,
> > > I have no tx on one of my 850s. It was working perfectly. I disconnected it to test another radio, and when I put it back, tx was dead. No output power in any mode. Tune doesn't work (as expected). Recieve is fine. I opened it up to check for any bad traces, etc. I couldn't find anything wrong. The radio does switch to transmit. The car board caps are not leaking. The radio is super clean inside. I am very capable with changing out components and very good with smt soldering. Is there something I should check right away? I checked most of the sister boards and all seems fine. Probably one of the switching diodes, but I would like some advice on where to start.
> > > Thanks in advance.
> > >
> >
>

8481. Re: [TS-850_450_690] Re: No TX on ts-850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-10-23 23:07:29 UTC
From: Dave ve3wej
Topic: 7822 Message: 8481

make sure the send button is not pushed in as you turn on the rig. I found mine on when I moved the rig, and it had me worried for about an hour or so. til I caught it

Dave Garber
VE3WEJ
----- Original Message -----
From: va3aso
To: TS-850_450_690@yahoogroups.com
Sent: Friday, October 23, 2009 6:02 PM
Subject: [TS-850_450_690] Re: No TX on ts-850

Thanks Cliff,
That is the first place I checked, working properly, anywhere else I can check!

--- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@...> wrote:
>
> Start by checking the RXB and TXB test points on the RF unit. Right side about halfway back.
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "va3aso" <ronrinomato@> wrote:
> >
> > This is a NEW post. I don't know why it is attached to another post I had earlier this year. That radio is fine. It was a bad trace. This is my other 850.
> >
> > --- In TS-850_450_690@yahoogroups.com, "va3aso" <ronrinomato@> wrote:
> > >
> > > Hey Guys,
> > > I have no tx on one of my 850s. It was working perfectly. I disconnected it to test another radio, and when I put it back, tx was dead. No output power in any mode. Tune doesn't work (as expected). Recieve is fine. I opened it up to check for any bad traces, etc. I couldn't find anything wrong. The radio does switch to transmit. The car board caps are not leaking. The radio is super clean inside. I am very capable with changing out components and very good with smt soldering. Is there something I should check right away? I checked most of the sister boards and all seems fine. Probably one of the switching diodes, but I would like some advice on where to start.
> > > Thanks in advance.
> > >
> >
>

[Non-text portions of this message have been removed]

8482. Re: No TX on ts-850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-10-24 00:07:01 UTC
From: va3aso
Topic: 7822 Message: 8482

LOL! I had that happen on my Yaesu as well. It drove me nuts till I found it. The mox was on. I wish that were the case here.

--- In TS-850_450_690@yahoogroups.com, "Dave ve3wej" <ve3wej@...> wrote:
>
> make sure the send button is not pushed in as you turn on the rig. I found mine on when I moved the rig, and it had me worried for about an hour or so. til I caught it
>
>
> Dave Garber
> VE3WEJ
> ----- Original Message -----
> From: va3aso
> To: TS-850_450_690@yahoogroups.com
> Sent: Friday, October 23, 2009 6:02 PM
> Subject: [TS-850_450_690] Re: No TX on ts-850
>
>
> Thanks Cliff,
> That is the first place I checked, working properly, anywhere else I can check!
>
> --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> >
> > Start by checking the RXB and TXB test points on the RF unit. Right side about halfway back.
> >
> > Clif
> >
> > --- In TS-850_450_690@yahoogroups.com, "va3aso" <ronrinomato@> wrote:
> > >
> > > This is a NEW post. I don't know why it is attached to another post I had earlier this year. That radio is fine. It was a bad trace. This is my other 850.
> > >
> > > --- In TS-850_450_690@...m, "va3aso" <ronrinomato@> wrote:
> > > >
> > > > Hey Guys,
> > > > I have no tx on one of my 850s. It was working perfectly. I disconnected it to test another radio, and when I put it back, tx was dead. No output power in any mode. Tune doesn't work (as expected). Recieve is fine. I opened it up to check for any bad traces, etc. I couldn't find anything wrong. The radio does switch to transmit. The car board caps are not leaking. The radio is super clean inside. I am very capable with changing out components and very good with smt soldering. Is there something I should check right away? I checked most of the sister boards and all seems fine. Probably one of the switching diodes, but I would like some advice on where to start.
> > > > Thanks in advance.

> > > >
> > >
> >
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

8483. (no subject)

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-10-24 14:17:40 UTC
From: dave shwarz
Topic: 8483 Message: 8483

"1a. No TX on ts-850
    Posted by: "va3aso" ronrinomato@... va3aso
    Date: Fri Oct 23, 2009 8:04 am ((PDT))"

Have you looked at the carrier and power controls?

[Non-text portions of this message have been removed]

8484. Re:: TS-450 STILL Won't Key

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-10-26 00:29:34 UTC
From: k7zs
Topic: 8341 Message: 8484

I followed Clif's advice, found R46 and confirmed it's the proper value, and has continuity. Was unable to measure Q50 under the IF board, so removed Q50 temporarily - CSS line now HIGH. With Q50 removed, radio would not key even through CSS line was now 5v. Not sure it it is supposed to? Replaced Q50 and with it in the circuit indeed CSS is LOW. Reset CPU, alter setting of Menu option #19 - again no problem.

Bypass cap C67 does not appear leaky, but not sure I have the definitive way to test it. Used Digital VOM in ohms mode to see if it had low resistance through it. It didn't, but nor did it alter much. Will try with analog meter on low ohms scale.

So, I am STILL STUCK! I have confirmed SS works correctly, delivering a grounded signal to IC11. CSS line is good back to pin 28 of IC6 on the digital unit. Pulldown resistor and bypass capacitor appear fine.

I guess I need to find now why Q50 is being turned on, which grounds CSS. Also need confirmation that the radio would NOT key with Q50 removed.

This will be exciting IF I ever get this radio to work again!

73 Kevin K7Zs

--- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@...> wrote:
>
> After 28 years of reading them the new ones are great compared to the old.
>
> On the CSS line. I would start at the base of Q50 on the IF. High or low? It should be low. If high that grounds CSS. Then figure out where the high is coming from. If the base is low I would remove Q50 and see what happens to CSS. If it is still low from there go to the digital unit and check pin 28 of IC6, it should be high(5v). If not look for cold solder or an open on R46 which is a 10k pull-up resistor and then check the bypass cap C67 for leakage. It's fairly simple since you figured out that low CSS was causing the problem.
>
> 1. Q50 is leaking or turned on
> 2. R46 is open or cold solder
> 3. C67 is leaky/shorted
>
> By it being intermittent I would bet on cold solder on R46.
>
> Clif

8485. 850 on vlf

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-10-26 13:53:36 UTC
From: n0sya
Topic: 8485 Message: 8485

Hi gang,
last night being an oddly low-noise one around here on mw, lf, and vlf, I was fooling around in the radio basement and as luck would have it I tried various things like attenuation and aip to try to make the situation less noisy. What I noticed was that at approximately 68kHz, if you select aip rather than the standard front end, received signals increase in strength by two or more smeter bars. WWVB was much better on aip than the standard front end parts. I guess the aip circuit offers a much better match to that frequency range than the standard front end does. At least it does so in my case. Maybe my rig is broke?

Chris

8486. Re: [TS-850_450_690] 850 on vlf

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-10-26 14:26:23 UTC
From: Zack Widup
Topic: 8485 Message: 8486

I dunno ... I've noticed the same thing with mine.

73, Zack W9SZ

On Mon, Oct 26, 2009 at 8:53 AM, n0sya <n0sya@...> wrote:

>
>
> Hi gang,
> last night being an oddly low-noise one around here on mw, lf, and vlf, I
> was fooling around in the radio basement and as luck would have it I tried
> various things like attenuation and aip to try to make the situation less
> noisy. What I noticed was that at approximately 68kHz, if you select aip
> rather than the standard front end, received signals increase in strength by
> two or more smeter bars. WWVB was much better on aip than the standard front
> end parts. I guess the aip circuit offers a much better match to that
> frequency range than the standard front end does. At least it does so in my
> case. Maybe my rig is broke?
>
> Chris
>
>
>

[Non-text portions of this message have been removed]

8487. Re:: TS-450 STILL Won't Key

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-10-26 16:10:18 UTC
From: avvidclif
Topic: 8341 Message: 8487

Ok. What is the voltage on Q50 base in RX? If you look at the schematic. Q50 is turned on by TXB and tells the processor it's in TX mode. No Q50, processor dumb and will not change. If Q50 is shorted the processor thinks it's in TX mode when turned on and will not key.

If the base of Q50 is low in RX then Q50 is bad.

Clif

--- In TS-850_450_690@yahoogroups.com, "k7zs" <klahaie@...> wrote:
>
> I followed Clif's advice, found R46 and confirmed it's the proper value, and has continuity. Was unable to measure Q50 under the IF board, so removed Q50 temporarily - CSS line now HIGH. With Q50 removed, radio would not key even through CSS line was now 5v. Not sure it it is supposed to? Replaced Q50 and with it in the circuit indeed CSS is LOW. Reset CPU, alter setting of Menu option #19 - again no problem.
>
> Bypass cap C67 does not appear leaky, but not sure I have the definitive way to test it. Used Digital VOM in ohms mode to see if it had low resistance through it. It didn't, but nor did it alter much. Will try with analog meter on low ohms scale.
>
> So, I am STILL STUCK! I have confirmed SS works correctly, delivering a grounded signal to IC11. CSS line is good back to pin 28 of IC6 on the digital unit. Pulldown resistor and bypass capacitor appear fine.
>
> I guess I need to find now why Q50 is being turned on, which grounds CSS. Also need confirmation that the radio would NOT key with Q50 removed.
>
> This will be exciting IF I ever get this radio to work again!
>
> 73 Kevin K7Zs
>
>
> --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> >
> > After 28 years of reading them the new ones are great compared to the old.
> >
> > On the CSS line. I would start at the base of Q50 on the IF. High or low? It should be low. If high that grounds CSS. Then figure out where the high is coming from. If the base is low I would remove Q50 and see what happens to CSS. If it is still low from there go to the digital unit and check pin 28 of IC6, it should be high(5v). If not look for cold solder or an open on R46 which is a 10k pull-up resistor and then check the bypass cap C67 for leakage. It's fairly simple since you figured out that low CSS was causing the problem.
> >
> > 1. Q50 is leaking or turned on
> > 2. R46 is open or cold solder
> > 3. C67 is leaky/shorted

> >
> > By it being intermittent I would bet on cold solder on R46.
> >
> > Clif
>

8488. Re:: TS-450 STILL Won't Key

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-10-26 22:06:51 UTC
From: k7zs
Topic: 8341 Message: 8488

Thanks Clif

Like a dummy, I resoldered Q50 into place after my test without fully checking it out! Not Smart!

Is there a common replacement for Q50?

I'll go through the process again and report back, THANKS!

-Kevin K7ZS
--- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@...> wrote:
>
> Ok. What is the voltage on Q50 base in RX? If you look at the schematic. Q50 is turned on by TXB and tells the processor it's in TX mode. No Q50, processor dumb and will not change. If Q50 is shorted the processor thinks it's in TX mode when turned on and will not key.
>
> If the base of Q50 is low in RX then Q50 is bad.
>
> Clif

8489. Re:: TS-450 STILL Won't Key

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-10-26 23:18:36 UTC
From: avvidclif
Topic: 8341 Message: 8489

I use DTC114EK. I don't know about a sub.

Clif

--- In TS-850_450_690@yahoogroups.com, "k7zs" <klahaie@...> wrote:
>
> Thanks Clif
>
> Like a dummy, I resoldered Q50 into place after my test without fully checking it out! Not Smart!
>
> Is there a common replacement for Q50?
>
> I'll go through the process again and report back, THANKS!
>
> -Kevin K7ZS
> --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> >
> > Ok. What is the voltage on Q50 base in RX? If you look at the schematic. Q50 is turned on by TXB and tells the processor it's in TX mode. No Q50, processor dumb and will not change. If Q50 is shorted the processor thinks it's in TX mode when turned on and will not key.
> >
> > If the base of Q50 is low in RX then Q50 is bad.
> >
> > Clif
>

8490. TS_850 frequency marker?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-10-28 12:15:03 UTC
From: gabby2white
Topic: 8490 Message: 8490

I just recently acquired an 850 and all seems well except that I hear a "marker" or carrier on 10 MHz and 20Mhz with antenna input grounded and in CW mode. It is as though a frequency calibrator is on all the time.

I went through the manual twice but found no help.

Is this a normal situation?

73
Ron

8491. Re: [TS-850_450_690] TS_850 frequency marker?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-10-28 19:33:01 UTC
From: Dave ve3wej
Topic: 8490 Message: 8491

what else is running, in your shack and vicinity... turn them off to see if it goes away. I dont remember a calibrator (full time) and they are usually 25 or 100 khz , not 10 and 20, so it sounds to me, it may be internally generated

Dave Garber
VE3WEJ
----- Original Message -----
From: gabby2white
To: TS-850_450_690@yahoogroups.com
Sent: Wednesday, October 28, 2009 8:15 AM
Subject: [TS-850_450_690] TS_850 frequency marker?

I just recently acquired an 850 and all seems well except that I hear a "marker" or carrier on 10 MHz and 20Mhz with antenna input grounded and in CW mode. It is as though a frequency calibrator is on all the time.

I went through the manual twice but found no help.

Is this a normal situation?

73
Ron

[Non-text portions of this message have been removed]

8492. Re: TS_850 frequency marker?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-10-28 20:37:54 UTC
From: gabby2white
Topic: 8490 Message: 8492

Thanks, Dave, for the reply. It definitely is internally generated and behaves just like the calibrator in the old hybrid rigs. It has me baffled.

Nothing in the house or shack running at 10 MHz. When I attached the antenna and listen to WWV, it is only a few Hz away from being exactly on 10MHz.

Maybe Clif will have some advice.

Ron
KG7LR

--- In TS-850_450_690@yahoogroups.com, "Dave ve3wej" <ve3wej@...> wrote:
>
> what else is running, in your shack and vicinity... turn them off to see if it goes away. I dont remember a calibrator (full time) and they are usually 25 or 100 khz , not 10 and 20, so it sounds to me, it may be internally generated
>
> Dave Garber
> VE3WEJ

8493. TS-450SAT RX weak RF

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-10-28 17:18:37 UTC
From: neilgerren
Topic: 8493 Message: 8493

A couple days ago, the receiver went south (only for CW/SSB/FSK). The voltages on the product detector (IC1) are fine. However, on the bilateral switch (IC2) I'm only getting voltages on pins 5(7.6), 13(7.05), and 14(7.6).
Is it likely C42 has failed?

-Neil

8494. Re: [TS-850_450_690] TS_850 frequency marker?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-10-28 21:21:12 UTC
From: WW3S
Topic: 8490 Message: 8494

not near my manual right now, but I seem to recall some sort of calibrate
mode for use with a special cable, that puts a signal on 10 mhz....

On 10/28/2009 3:33:01 PM, Dave ve3wej (ve3wej@...) wrote:
> what else is running, in your shack and vicinity... turn them off to
> see if it goes away. I dont remember a calibrator (full time) and they are
> usually 25 or 100 khz , not 10 and 20, so it sounds to me, it may be
> internally generated
>
> Dave Garber
> VE3WEJ
> ----- Original Message -----
> From: gabby2white
> To: TS-850_450_690@yahoogroups.com
> Sent: Wednesday, October 28, 2009 8:15 AM
> Subject: [TS-850_450_690] TS_850 frequency marker?
>
>
> I just recently acquired an 850 and all seems well except that I hear a
> "marker" or carrier on 10 MHz and 20Mhz with antenna input grounded and in
> CW mode. It is as though a frequency calibrator is on all the time.
>
> I went through the manual twice but found no help.
>
> Is this a normal situation?
>
> 73
> Ron
>
>
>
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>

8495. Re: [TS-850_450_690] TS_850 frequency marker?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-10-28 22:01:24 UTC
From: Dave ve3wej
Topic: 8490 Message: 8495

your right, but it should NOT be left attached.....

you add it, do the test, then remove it as far as I remember

what happens if you go different mode, could you be receiving wwv or wwvh time signal????\

----- Original Message -----
From: WW3S
To: ts-850_450_690@yahoogroups.com
Sent: Wednesday, October 28, 2009 5:21 PM
Subject: Re: [TS-850_450_690] TS_850 frequency marker?

not near my manual right now, but I seem to recall some sort of calibrate
mode for use with a special cable, that puts a signal on 10 mhz....

On 10/28/2009 3:33:01 PM, Dave ve3wej (ve3wej@...) wrote:
> what else is running, in your shack and vicinity... turn them off to
> see if it goes away. I dont remember a calibrator (full time) and they are
> usually 25 or 100 khz , not 10 and 20, so it sounds to me, it may be
> internally generated
>
> Dave Garber
> VE3WEJ
> ----- Original Message -----
> From: gabby2white
> To: TS-850_450_690@yahoogroups.com
> Sent: Wednesday, October 28, 2009 8:15 AM
> Subject: [TS-850_450_690] TS_850 frequency marker?
>
>
> I just recently acquired an 850 and all seems well except that I hear a
> "marker" or carrier on 10 MHz and 20Mhz with antenna input grounded and in
> CW mode. It is as though a frequency calibrator is on all the time.
>
> I went through the manual twice but found no help.
>
> Is this a normal situation?
>
> 73
> Ron
>
>
>
>
>
> [Non-text portions of this message have been removed]

>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>

[Non-text portions of this message have been removed]

8496. Re: TS_850 frequency marker?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-10-28 21:59:23 UTC
From: gabby2white
Topic: 8490 Message: 8496

I think this may be the issue. I opened the box and looked for the possibility that the 'special calibration cable' is in place but following the instructions in the manual I looked at the PLL board and no receptacle for the special cable. Thought maybe there might be a switch. Couldn't find one. Looks like more research on the web.

Ron

--- In TS-850_450_690@yahoogroups.com, "WW3S" <ww3s@...> wrote:
>
> not near my manual right now, but I seem to recall some sort of calibrate
> mode for use with a special cable, that puts a signal on 10 mhz....

8497. Re: TS_850 frequency marker?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-10-28 22:37:06 UTC
From: gabby2white
Topic: 8490 Message: 8497

Dave,

This is 5M+ s/n unit and perhaps they did away with the special cable. I read some info on the web that referred to 'early versions' of the 450 using the cable. There is definitely no CAL receptacle on the PLL unit.

All tests have been run with the antenna input grounded so no external signal is being received.

Ron

--- In TS-850_450_690@yahoogroups.com, "Dave ve3wej" <ve3wej@...> wrote:
>
> your right, but it should NOT be left attached.....
>
>
> you add it, do the test, then remove it as far as I remember
>
>
> what happens if you go different mode, could you be receiving wwv or wwvh time signal???

8498. Re: TS_850 frequency marker?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-10-29 15:00:35 UTC
From: peterwalker1999
Topic: 8490 Message: 8498

Ron

The DDS Reference frequency is 20MHz +/-20Hz!

This might explain one.

Could the other also be related to the reference oscilator?

Regards
peter

G0RSQ

--- In TS-850_450_690@yahoogroups.com, "gabby2white" <gabby2white@...> wrote:
>
> I just recently acquired an 850 and all seems well except that I hear a "marker" or carrier on 10 MHz and 20Mhz with antenna input grounded and in CW mode. It is as though a frequency calibrator is on all the time.
>
> I went through the manual twice but found no help.
>
> Is this a normal situation?
>
> 73
> Ron
>

8499. Re: TS_850 frequency marker?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-10-29 18:40:05 UTC
From: gabby2white
Topic: 8490 Message: 8499

Peter,

You might be right on the 20MHz marker. I am wondering how it, and the 10 MHz, are getting into the receiver.

My other thought, since there is no place to plug in a 'special' cable, is that Kenwood did away with that feature later into the production run. Perhaps there is an addendum to the manual that tells how to calibrate the display.

-R.

--- In TS-850_450_690@yahoogroups.com, "peterwalker1999" <yahoo@...> wrote:
>
>
> Ron
>
> The DDS Reference frequency is 20MHz +/-20Hz!
>
> This might explain one.
>
> Could the other also be related to the reference oscilator?
>
> Regards
> peter
>
> G0RSQ
>

8500. Re: TS_850 frequency marker?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-10-30 14:09:02 UTC
From: gabby2white
Topic: 8490 Message: 8500

Could one or more of you 5 mil or later (newer) 850 owners do a quick check for me? Disconnect/ground the antenna input, set freq.= 10.0000 MHz, mode= CW and look for about an S3 meter indication and listen for a marker/carrier? It also appears in LSB or USB with the TUNE button depressed.

I am beginning to think this is the normal calibration procedure which replaced the special calibration procedure that requires a cable.

Thanks!

Ron

--- In TS-850_450_690@yahoogroups.com, "gabby2white" <gabby2white@...> wrote:
>
> I just recently acquired an 850 and all seems well except that I hear a "marker" or carrier on 10 MHz and 20Mhz with antenna input grounded and in CW mode. It is as though a frequency calibrator is on all the time.
>
> I went through the manual twice but found no help.
>
> Is this a normal situation?
>
> 73
> Ron
>

8502. Re: [TS-850_450_690] Re: TS_850 frequency marker?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-10-30 18:14:34 UTC
From: Alan Riley
Topic: 8490 Message: 8502

Ron, the TS-850 instruction manual addresses this problem on Page 64:

"Beat tones may be heard on the following frequencies. This is due to the internal frequency configuration of the radio and is not an indication of any
problem. It is normal. 10.000 MHz, 20.000 MHZ, 30.000 MHZ"

Alan, KD5R

----- Original Message -----
From: "gabby2white" <gabby2white@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Friday, October 30, 2009 10:00 AM
Subject: [TS-850_450_690] Re: TS_850 frequency marker?

Could one or more of you 5 mil or later (newer) 850 owners do a quick check for me? Disconnect/ground the antenna input, set freq.= 10.0000 MHz, mode= CW and look for about an S3 meter indication and listen for a marker/carrier? It also appears in LSB or USB with the TUNE button depressed.

I am beginning to think this is the normal calibration procedure which replaced the special calibration procedure that requires a cable.

Thanks!

Ron

--- In TS-850_450_690@yahoogroups.com, "gabby2white" <gabby2white@...> wrote:
>
> I just recently acquired an 850 and all seems well except that I hear a
> "marker" or carrier on 10 MHz and 20Mhz with antenna input grounded and in
> CW mode. It is as though a frequency calibrator is on all the time.
>
> I went through the manual twice but found no help.
>
> Is this a normal situation?
>
> 73
> Ron
>

8503. Re: TS_850 frequency marker?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-10-30 19:11:21 UTC
From: gabby2white
Topic: 8490 Message: 8503

Yay, Alan! I have been through through the manual several times and somehow I missed it!

Thanks so much, I was worried I got stuck with a problem radio!

Ron

--- In TS-850_450_690@yahoogroups.com, "Alan Riley" <arr44@...> wrote:
>
> Ron, the TS-850 instruction manual addresses this problem on Page 64:
>
> "Beat tones may be heard on the following frequencies. This is due to the
> internal frequency configuration of the radio and is not an indication of
> any
> problem. It is normal. 10.000 MHz, 20.000 MHZ, 30.000 MHZ"
>
> Alan, KD5R

8504. Re: [TS-850_450_690] Re: TS_850 frequency marker?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-10-31 01:09:11 UTC
From: Alan Riley
Topic: 8490 Message: 8504

Glad to be of assistance, Ray.

73,
Alan, KD5R

----- Original Message -----
From: "gabby2white" <gabby2white@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Friday, October 30, 2009 2:11 PM
Subject: [TS-850_450_690] Re: TS_850 frequency marker?

Yay, Alan! I have been through through the manual several times and somehow
I missed it!

Thanks so much, I was worried I got stuck with a problem radio!

Ron

--- In TS-850_450_690@yahoogroups.com, "Alan Riley" <arr44@...> wrote:
>
> Ron, the TS-850 instruction manual addresses this problem on Page 64:
>
> "Beat tones may be heard on the following frequencies. This is due to the
> internal frequency configuration of the radio and is not an indication of
> any
> problem. It is normal. 10.000 MHz, 20.000 MHZ, 30.000 MHZ"
>
> Alan, KD5R

8505. Re: TS_850 frequency marker?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-10-31 22:03:48 UTC
From: ve3tmt
Topic: 8490 Message: 8505

I used to hear it on 20 MHz although not strong enough to register on the meter. If it is registering on the meter I would be a little concerned.

Max
VE3TTM

--- In TS-850_450_690@yahoogroups.com, "gabby2white" <gabby2white@...> wrote:
>
>
> Yay, Alan! I have been through through the manual several times and somehow I missed it!
>
> Thanks so much, I was worried I got stuck with a problem radio!
>
> Ron
>
>
> --- In TS-850_450_690@yahoogroups.com, "Alan Riley" <arr44@> wrote:
> >
> > Ron, the TS-850 instruction manual addresses this problem on Page 64:
> >
> > "Beat tones may be heard on the following frequencies. This is due to the
> > internal frequency configuration of the radio and is not an indication of
> > any
> > problem. It is normal. 10.000 MHz, 20.000 MHZ, 30.000 MHZ"
> >
> > Alan, KD5R
>

8507. TS850 Tune Button

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-10-31 22:58:51 UTC
From: johnnygm7lsi@aol.com
Topic: 8507 Message: 8507

Hi All,
Has anybody in the group played around with the
tune button and the slope tune control for reducing QRM.

Johnny, GM7LSI.

[Non-text portions of this message have been removed]

8508. Re: [TS-850_450_690] TS850 Tune Button

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-10-31 23:19:03 UTC
From: Dave ve3wej
Topic: 8507 Message: 8508

BOTH for reducing qrm, no, But I have used the slope tuning controls. It does vary depending on the filters installed, and settings

tune is for transmit only, is it not (to reduce to 10 watts???)

----- Original Message -----
From: johnnygm7lsi@...
To: TS-850_450_690@yahoogroups.com
Sent: Saturday, October 31, 2009 6:58 PM
Subject: [TS-850_450_690] TS850 Tune Button

Hi All,
Has anybody in the group played around with the
tune button and the slope tune control for reducing QRM.

Johnny, GM7LSI.

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

8509. Re: [TS-850_450_690] TS850 Tune Button

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-10-31 23:57:50 UTC
From: johnnygm7lsi@aol.com
Topic: 8507 Message: 8509

Hi,
I should have explained better. Not the AT TUNE, but the tune
button on the numeric keypad, (Number 7). I was playing around and found that
by pressing the TUNE button (Number 7), then increasing the LOW CUT on the
slope tune reduced atmospheric QRM static without degrading the wanted
signal as much as the slope tune used on its own does.
Johnny, GM7LSI.

BOTH for reducing qrm, no, But I have used the slope tuning controls. It
does vary depending on the filters installed, and settings

tune is for transmit only, is it not (to reduce to 10 watts???)

Hi All,
Has anybody in the group played around with the
tune button and the slope tune control for reducing QRM.

Johnny, GM7LSI.

Recent Activity
* 6
New Members
(http://groups.yahoo.com/group/TS-850_450_690/members;_ylc=X3oDMTJmOGQwa2ppBF9TAzk3MzU5NzE
0BGdycElkAzMwOTc1ODIEZ3Jwc3BJZAMxNzA1MDYzMTA4BH
NlYwN2dGwEc2xrA3ZtYnJzBHN0aW1lAzEyNTcwMzExNjU-)

_Visit Your Group _
(http://groups.yahoo.com/group/TS-850_450_690;_ylc=X3oDMTJlODE4YXM4BF9TAzk3MzU5NzE0BGdycEl
kAzMwOTc1ODIEZ3Jwc3BJZAMxNzA1MDYzMTA4BHNl
YwN2dGwEc2xrA3ZnaHAEc3RpbWUDMTI1NzAzMTE2NQ--)

Sitebuilder
Build a web site
(http://us.ard.yahoo.com/SIG=14hpm6kst/M=493064.12016255.12445662.8674578/D=groups/S=17050
63108:NC/Y=YAHOO/EXP=1257038365/L=/B=5v5VF
0PDhEw-/J=1257031165317372/K=WUeckxxbjnwo1OfOaF.0pQ/A=4025304/R=0/SIG=12uhb6
4pb/*http://us.rd.yahoo.com/evt=44092/*http://smallbusiness.yahoo.com/webhos
ting/sitebuilding.php)
quickly & easily
with Sitebuilder.

Group Charity
Loans that
(http://us.ard.yahoo.com/SIG=14higlv2c/M=737447.13475021.13554044.8674578/D=groups/S=17050
63108:NC/Y=YAHOO/EXP=1257038365/L=/B=5_5VF0PDhEw
-/J=1257031165317372/K=WUeckxxbjnwo1OfOaF.0pQ/A=5733761/R=0/SIG=11707uasi/*h
ttp://www.kiva.org/?from=yahoogroups)

change lives
Kiva.org

Yahoo! Groups
Small Business Group
(http://us.ard.yahoo.com/SIG=14hcbb42s/M=493064.12016272.13586184.8674578/D=groups/S=1705063108:NC/Y=YAHOO/EXP=1257038365/L=/B=6P5VF0PDhEw-/J=1257031165317372/K=WUeckxxbjnwo1OfOaF.0pQ/A=5758223/R=0/SIG=124m43uve/*http://finance.groups.yahoo.com/group/BankofAmerica_SmallBusiness/)

Ask questions,
share experiences

.

[Non-text portions of this message have been removed]

8510. Re: [TS-850_450_690] TS850 Tune Button

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-11-01 00:26:44 UTC
From: Dave ve3wej
Topic: 8507 Message: 8510

I know you meant that one, and I have never guessed to use it for that, cause I always assumed it was for tuneing the transmit, not as a filter option

----- Original Message -----
From: johnnygm7lsi@...
To: TS-850_450_690@yahoogroups.com
Sent: Saturday, October 31, 2009 7:57 PM
Subject: Re: [TS-850_450_690] TS850 Tune Button

Hi,
I should have explained better. Not the AT TUNE, but the tune
button on the numeric keypad, (Number 7). I was playing around and found that
by pressing the TUNE button (Number 7), then increasing the LOW CUT on the
slope tune reduced atmospheric QRM static without degrading the wanted
signal as much as the slope tune used on its own does.
Johnny, GM7LSI.

BOTH for reducing qrm, no, But I have used the slope tuning controls. It
does vary depending on the filters installed, and settings

tune is for transmit only, is it not (to reduce to 10 watts???)

Hi All,
Has anybody in the group played around with the
tune button and the slope tune control for reducing QRM.

Johnny, GM7LSI.

Recent Activity
* 6
New Members
(http://groups.yahoo.com/group/TS-850_450_690/members;_ylc=X3oDMTJmOGQwa2ppBF9TAzk3MzU5NzE
0BGdycElkAzMwOTc1ODIEZ3Jwc3BJZAMxNzA1MDYzMTA4BH
NlYwN2dGwEc2xrA3ZtYnJzBHN0aW1lAzEyNTcwMzExNjU-)

_Visit Your Group _
(http://groups.yahoo.com/group/TS-850_450_690;_ylc=X3oDMTJlODE4YXM4BF9TAzk3MzU5NzE0BGdycEl
kAzMwOTc1ODIEZ3Jwc3BJZAMxNzA1MDYzMTA4BHNl
YwN2dGwEc2xrA3ZnaHAEc3RpbWUDMTI1NzAzMTE2NQ--)

Sitebuilder
Build a web site
(http://us.ard.yahoo.com/SIG=14hpm6kst/M=493064.12016255.12445662.8674578/D=groups/S=17050
63108:NC/Y=YAHOO/EXP=1257038365/L=/B=5v5VF
0PDhEw-/J=1257031165317372/K=WUeckxxbjnwo1OfOaF.0pQ/A=4025304/R=0/SIG=12uhb6
4pb/*http://us.rd.yahoo.com/evt=44092/*http://smallbusiness.yahoo.com/webhos
ting/sitebuilding.php)

quickly & easily
with Sitebuilder.

Group Charity
Loans that
(http://us.ard.yahoo.com/SIG=14higlv2c/M=737447.13475021.13554044.8674578/D=groups/S=1705063108:NC/Y=YAHOO/EXP=1257038365/L=/B=5_5VF0PDhEw-/J=1257031165317372/K=WUeckxxbjnwo1OfOaF.0pQ/A=5733761/R=0/SIG=11707uasi/*http://www.kiva.org/?from=yahoogroups)
change lives
Kiva.org

Yahoo! Groups
Small Business Group
(http://us.ard.yahoo.com/SIG=14hcbb42s/M=493064.12016272.13586184.8674578/D=groups/S=1705063108:NC/Y=YAHOO/EXP=1257038365/L=/B=6P5VF0PDhEw-/J=1257031165317372/K=WUeckxxbjnwo1OfOaF.0pQ/A=5758223/R=0/SIG=124m43uve/*http://finance.groups.yahoo.com/group/BankofAmerica_SmallBusiness/)

Ask questions,
share experiences

.

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

8511. Re: TS850 Tune Button

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-11-01 00:40:00 UTC
From: dsh_0403
Topic: 8507 Message: 8511

I believe it is really used to "zero beat" a carrier to set the radio exactly on the frequency being received. After zero beating a carrier, when you put the radio in CW mode I think the pitch of the CW note should be what you set it for using the pitch function on the keypad.

--- In TS-850_450_690@yahoogroups.com, "Dave ve3wej" <ve3wej@...> wrote:
>
> I know you meant that one, and I have never guessed to use it for that, cause I always assumed it was for tuneing the transmit, not as a filter option
>
> ----- Original Message -----
> From: johnnygm7lsi@...
> To: TS-850_450_690@yahoogroups.com
> Sent: Saturday, October 31, 2009 7:57 PM
> Subject: Re: [TS-850_450_690] TS850 Tune Button
>
>
>
> Hi,
> I should have explained better. Not the AT TUNE, but the tune
> button on the numeric keypad, (Number 7). I was playing around and found that
> by pressing the TUNE button (Number 7), then increasing the LOW CUT on the
> slope tune reduced atmospheric QRM static without degrading the wanted
> signal as much as the slope tune used on its own does.
> Johnny, GM7LSI.
>
> BOTH for reducing qrm, no, But I have used the slope tuning controls. It
> does vary depending on the filters installed, and settings
>
> tune is for transmit only, is it not (to reduce to 10 watts???)
>
> Hi All,
> Has anybody in the group played around with the
> tune button and the slope tune control for reducing QRM.
>
> Johnny, GM7LSI.
>
> Recent Activity
> * 6
> _New Members_
> (http://groups.yahoo.com/group/TS-850_450_690/members;_ylc=X3oDMTJmOGQwa2ppBF9TAzk3MzU5NzE0BGdycElkAzMwOTc1ODIEZ3Jwc3BJZAMxNzA1MDYzMTA4BH
> NlYwN2dGwEc2xrA3ZtYnJzBHN0aW1lAzEyNTcwMzExNjU-)
>
> _Visit Your Group _

> (http://groups.yahoo.com/group/TS-850_450_690;_ylc=X3oDMTJlODE4YXM4BF9TAzk3MzU5NzE0BGdyc
ElkAzMwOTc1ODIEZ3Jwc3BJZAMxNzA1MDYzMTA4BHNl
> YwN2dGwEc2xrA3ZnaHAEc3RpbWUDMTI1NzAzMTE2NQ--)
>
>
>
> Sitebuilder
> _Build a web site_
> (http://us.ard.yahoo.com/SIG=14hpm6kst/M=493064.12016255.12445662.8674578/D=groups/S=170
5063108:NC/Y=YAHOO/EXP=1257038365/L=/B=5v5VF
> 0PDhEw-/J=1257031165317372/K=WUeckxxbjnwo1OfOaF.0pQ/A=4025304/R=0/SIG=12uhb6
> 4pb/*http://us.rd.yahoo.com/evt=44092/*http://smallbusiness.yahoo.com/webhos
> ting/sitebuilding.php)
> quickly & easily
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> Group Charity
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5063108:NC/Y=YAHOO/EXP=1257038365/L=/B=5_5VF0PDhEw
> -/J=1257031165317372/K=WUeckxxbjnwo1OfOaF.0pQ/A=5733761/R=0/SIG=11707uasi/*h
> ttp://www.kiva.org/?from=yahoogroups)
> change lives
> Kiva.org
>
> Yahoo! Groups
> _Small Business Group_
> (http://us.ard.yahoo.com/SIG=14hcbb42s/M=493064.12016272.13586184.8674578/D=groups/S=170
5063108:NC/Y=YAHOO/EXP=1257038365/L=/B=6
> P5VF0PDhEw-/J=1257031165317372/K=WUeckxxbjnwo1OfOaF.0pQ/A=5758223/R=0/SIG=12
> 4m43uve/*http://finance.groups.yahoo.com/group/BankofAmerica_SmallBusiness/)
>
> Ask questions,
> share experiences
>
> .
>
>
> [Non-text portions of this message have been removed]
>
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>
>
>
>
> [Non-text portions of this message have been removed]
>

8512. Re: TS850 Tune Button

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-11-01 00:58:47 UTC
From: dsh_0403
Topic: 8507 Message: 8512

That being said, I know what you mean about it helping receive a signal. I have on occasion when I have had a lot of time on my hand looked for NDB signals below the AM band with the tune function enabled. The signals are AM but when tune is on it seems to reduce the background crud when you zero beat the carrier on an NDB signal without reducing the modulated signal as much.

--- In TS-850_450_690@yahoogroups.com, "dsh_0403" <kenwoodts850@...> wrote:
>
>
>
> I believe it is really used to "zero beat" a carrier to set the radio exactly on the frequency being received. After zero beating a carrier, when you put the radio in CW mode I think the pitch of the CW note should be what you set it for using the pitch function on the keypad.
>
>
>
> --- In TS-850_450_690@yahoogroups.com, "Dave ve3wej" <ve3wej@> wrote:
> >
> > I know you meant that one, and I have never guessed to use it for that, cause I always assumed it was for tuneing the transmit, not as a filter option
> >
> > ----- Original Message -----
> > From: johnnygm7lsi@
> > To: TS-850_450_690@yahoogroups.com
> > Sent: Saturday, October 31, 2009 7:57 PM
> > Subject: Re: [TS-850_450_690] TS850 Tune Button
> >
> >
> >
> > Hi,
> > I should have explained better. Not the AT TUNE, but the tune
> > button on the numeric keypad, (Number 7). I was playing around and found that
> > by pressing the TUNE button (Number 7), then increasing the LOW CUT on the
> > slope tune reduced atmospheric QRM static without degrading the wanted
> > signal as much as the slope tune used on its own does.
> > Johnny, GM7LSI.
> >
> > BOTH for reducing qrm, no, But I have used the slope tuning controls. It
> > does vary depending on the filters installed, and settings
> >
> > tune is for transmit only, is it not (to reduce to 10 watts???)
> >
> > Hi All,
> > Has anybody in the group played around with the

> > tune button and the slope tune control for reducing QRM.
> >
> > Johnny, GM7LSI.
> >
> > Recent Activity
> > * 6
> > _New Members_
> > (http://groups.yahoo.com/group/TS-850_450_690/members;_ylc=X3oDMTJmOGQwa2ppBF9TAzk3MzU
5NzE0BGdycElkAzMwOTc1ODIEZ3Jwc3BJZAMxNzA1MDYzMTA4BH
> > NlYwN2dGwEc2xrA3ZtYnJzBHN0aW1lAzEyNTcwMzExNjU-)
> >
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ycElkAzMwOTc1ODIEZ3Jwc3BJZAMxNzA1MDYzMTA4BHNl
> > YwN2dGwEc2xrA3ZnaHAEc3RpbWUDMTI1NzAzMTE2NQ--)
> >
> >
> >
> > Sitebuilder
> > _Build a web site_
> > (http://us.ard.yahoo.com/SIG=14hpm6kst/M=493064.12016255.12445662.8674578/D=groups/S=1
705063108:NC/Y=YAHOO/EXP=1257038365/L=/B=5v5VF
> > 0PDhEw-/J=1257031165317372/K=WUeckxxbjnwo1OfOaF.0pQ/A=4025304/R=0/SIG=12uhb6
> > 4pb/*http://us.rd.yahoo.com/evt=44092/*http://smallbusiness.yahoo.com/webhos
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> > (http://us.ard.yahoo.com/SIG=14higlv2c/M=737447.13475021.13554044.8674578/D=groups/S=1
705063108:NC/Y=YAHOO/EXP=1257038365/L=/B=5_5VF0PDhEw
> > -/J=1257031165317372/K=WUeckxxbjnwo1OfOaF.0pQ/A=5733761/R=0/SIG=11707uasi/*h
> > ttp://www.kiva.org/?from=yahoogroups)
> > change lives
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> >
> > Yahoo! Groups
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705063108:NC/Y=YAHOO/EXP=1257038365/L=/B=6
> > P5VF0PDhEw-/J=1257031165317372/K=WUeckxxbjnwo1OfOaF.0pQ/A=5758223/R=0/SIG=12
> > 4m43uve/*http://finance.groups.yahoo.com/group/BankofAmerica_SmallBusiness/)
> >
> > Ask questions,
> > share experiences
> >
> > .
> >
> >

> > [Non-text portions of this message have been removed]
> >
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> >
> > [Non-text portions of this message have been removed]
> >
>

8513. Re:: TS-450 STILL Won't Key

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-11-01 03:19:00 UTC
From: k7zs
Topic: 8341 Message: 8513

Well, no need to replace Q50, it appears good. Voltage at base of Q50 in receive is at the 8v rail level (about 7.8v in this radio).

Will start to evaluate the other logic in the Standby system.

Here's a possible clue - when it failed last time, I was in TRANSMIT and it wouldn't GO BACK TO RECEIVE! Toggling PTT, Standby Switch etc. had no effect. After a power cycle, it no longer would go into transmit.

What would THAT tell someone??!?!?!?

73 Kevin K7ZS

--- In TS-850_450_690@yahoogroups.com, "k7zs" <klahaie@...> wrote:
>
> Thanks Clif
>
> Like a dummy, I resoldered Q50 into place after my test without fully checking it out! Not Smart!
>
> Is there a common replacement for Q50?
>
> I'll go through the process again and report back, THANKS!
>
> -Kevin K7ZS
> --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> >
> > Ok. What is the voltage on Q50 base in RX? If you look at the schematic. Q50 is turned on by TXB and tells the processor it's in TX mode. No Q50, processor dumb and will not change. If Q50 is shorted the processor thinks it's in TX mode when turned on and will not key.
> >
> > If the base of Q50 is low in RX then Q50 is bad.
> >
> > Clif
>

8514. Re:: TS-450 STILL Won't Key

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-11-02 20:21:06 UTC
From: k7zs
Topic: 8341 Message: 8514

I am convinced that this radio is being told 'I Am In Transmit' on power up.
I know it's not via the front panel SS switch, so I am now turning to other sources for a transmit signal.

There is the CW key, the VOX circuitry, and the PACKET terminal in the rear that have the privilege of keying the rig, so I am going to try and track down each of these circuits and find out which is 'stuck' in transmit.

does this logic makes sense to anyone else, this is quite a voyage I have embarked upon!

73 Kevin K7ZS

--- In TS-850_450_690@yahoogroups.com, "k7zs" <klahaie@...> wrote:
>
> Well, no need to replace Q50, it appears good. Voltage at base of Q50 in receive is at the 8v rail level (about 7.8v in this radio).
>
> Will start to evaluate the other logic in the Standby system.
>
> Here's a possible clue - when it failed last time, I was in TRANSMIT and it wouldn't GO BACK TO RECEIVE! Toggling PTT, Standby Switch etc. had no effect. After a power cycle, it no longer would go into transmit.
>
> What would THAT tell someone??!?!?!?
>
> 73 Kevin K7ZS
>

8515. 850 tuning speed

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-11-02 22:35:24 UTC
From: n0sya
Topic: 8515 Message: 8515

anyone know how to change the tuning step size for ssb on the 850?

Chris

8516. Re:: TS-450 STILL Won't Key

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-11-02 22:34:08 UTC
From: avvidclif
Topic: 8341 Message: 8516

Look at the map. The base of Q50 should be low in rx, if it is high then Q50 is telling the processor it's in TX at power up and it will not work. Sure what happened made sense. Something shorted locking it in TX mode. When you power cycled it it came up in RX and the processor saw the low on Q50 and will not go into tx.

Check the voltage on the anodes of D47 and D73. That will tell you where the TXB is coming from, sorta.

Clif

--- In TS-850_450_690@yahoogroups.com, "k7zs" <klahaie@...> wrote:
>
> Well, no need to replace Q50, it appears good. Voltage at base of Q50 in receive is at the 8v rail level (about 7.8v in this radio).
>
> Will start to evaluate the other logic in the Standby system.
>
> Here's a possible clue - when it failed last time, I was in TRANSMIT and it wouldn't GO BACK TO RECEIVE! Toggling PTT, Standby Switch etc. had no effect. After a power cycle, it no longer would go into transmit.
>
> What would THAT tell someone??!?!?!?
>
> 73 Kevin K7ZS
>
> --- In TS-850_450_690@yahoogroups.com, "k7zs" <klahaie@> wrote:
> >
> > Thanks Clif
> >
> > Like a dummy, I resoldered Q50 into place after my test without fully checking it out! Not Smart!
> >
> > Is there a common replacement for Q50?
> >
> > I'll go through the process again and report back, THANKS!
> >
> > -Kevin K7ZS
> > --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> > >
> > > Ok. What is the voltage on Q50 base in RX? If you look at the schematic. Q50 is turned on by TXB and tells the processor it's in TX mode. No Q50, processor dumb and will not change. If Q50 is shorted the processor thinks it's in TX mode when turned on and will not key.
> > >
> > > If the base of Q50 is low in RX then Q50 is bad.
> > >

> > > Clif
> >
>

8517. Re: 850 tuning speed

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-11-02 23:15:03 UTC
From: ag1pct
Topic: 8515 Message: 8517

There are a number of different frequency step functions set through the power-on function feature. You can download the manual from our Files section under Manuals and Schematics.

73 - Ron

--- In TS-850_450_690@yahoogroups.com, "n0sya" <n0sya@...> wrote:
>
> anyone know how to change the tuning step size for ssb on the 850?
>
> Chris
>

8518. New member

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-11-03 03:00:42 UTC
From: Cliff Vail
Topic: 8518 Message: 8518

Thank you for the membership. Cliff w7clv

[Non-text portions of this message have been removed]

8519. Re: 850 tuning speed

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-11-03 13:51:45 UTC
From: n0sya
Topic: 8515 Message: 8519

Thanks Ron, musta missed it in my search of the user manual.

Chris

8520. Filter / PC Interface Questions

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-11-05 21:02:10 UTC
From: KG5KS - Kenny Thompson
Topic: 8520 Message: 8520

Just bought a great looking TS-450SAT and wanted to know What SSB Filter I need ? Is there a IF Filter ? Is it best to make a cable or make one up for PC control ? Any mods for it to be a good contest radio ?
Thank you
73
Kenny
ARS KG5KS

[Non-text portions of this message have been removed]

8521. TS-450SAT VERSUS TS-850SAT, TS-480SAT, Other HF Radios

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-11-05 21:18:04 UTC
From: KG5KS - Kenny Thompson
Topic: 8521 Message: 8521

Just bought a nice Kenwood TS-450SAT and wanted to ask this group for your personal opinions. I'm wanting to talk well and receive well in crowed bands, Digital and Voice , PC control with Logging. What Kenwood radio would be best to achieve this ? I realize that a SSB filter would be needed, but what else would you recommend ? Looking for Pros and Cons and will buy amplifier later on to him some.

Thank you
73
Kenny
ARS KG5KS

[Non-text portions of this message have been removed]

8522. Re: [TS-850_450_690] TS-450SAT VERSUS TS-850SAT, TS-480SAT, Other HF Radios

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-11-06 14:05:28 UTC
From: Anthony W. DePrato
Topic: 8521 Message: 8522

AKenny
>of the radios you listed the TS850SAT is in my opinion is the finest
>radio kenwood ever made next to the 950sd . the 850 just had an
>outboard power supply. and a few of the not needed extras for the
>most part. for rtty i use the 500cps filters i also have the 250 cps
>filters but do not use them except in contesting.as for ssb the 2.4
>fliters work very well i do have the 1.8 but use it only rarely. i
>have both sets of IF filters installed in both of the 850's and am
>glad i went the extra mile over the past 20 yrs. i am sure you will
>get many to reply Clif who repairs kenwoods can give you the
>complete story.. good luck

73 Tony

QBE ZUT DE WA4JQS

ANTHONY W. (Tony) DePrato WA4JQS EXTRA - HEAVY
Since 1962
CQ DX HALL OF FAME # 35
DXCC HONOR ROLL - 340
A1-OP FISTS # 10573 SKCC #1227 F.O.P. LODGE 68
DXCC PHONE- DXCC CW- DXCC RTTY- DXCC MIXED-5BDXCC
DXCC 80, 40, 20, 15, 10 METERS WAC SSB WAC CW WAC RTTY WAC SAT
South Sandwich Island Dxpedition Group
CALLS HELD:
WA4JQS/ZS1, WA4JQS/KC4, WA4JQS/4K1
ZD8JQS, V31SS, VP8BZL, VP8SSI, 3Y0PI

[Non-text portions of this message have been removed]

8523. Re:: TS-450 STILL Won't Key

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-11-06 16:54:18 UTC
From: k7zs
Topic: 8341 Message: 8523

Thank you Clif for confirming my suspicion that this part of the circuit is working properly, and it is being told that it's in TX on power up.

I'll keep the list posted, I'll be on a trip for a while but the radio isn't going anywhere until it's fixed!

73 Kevin K7ZS

--- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@...> wrote:
>
> Look at the map. The base of Q50 should be low in rx, if it is high then Q50 is telling the processor it's in TX at power up and it will not work. Sure what happened made sense. Something shorted locking it in TX mode. When you power cycled it it came up in RX and the processor saw the low on Q50 and will not go into tx.
>
> Check the voltage on the anodes of D47 and D73. That will tell you where the TXB is coming from, sorta.
>
> Clif

8524. Re: TS-450SAT VERSUS TS-850SAT, TS-480SAT, Other HF Radios

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-11-06 17:01:01 UTC
From: ah6rr1
Topic: 8521 Message: 8524

I agree with Tony. I have a 850 with the Inrad 2.1kHZ filters in both IF's and the Inrad roofing filter. I do a fair amount of contesting and lot's of DX'ing in SSB and digital and it is a dream radio for that. I found the the 1.8 filters are a little too narrow for my taste. With the 2.1 I can used it all day long and it is very comfortable on the ears. There has been a couple of posts that say the roofing filter takes about 3db away from the receive signal but I dispute that. I just got a Wavetek signal generator that will go down to -150db and I lose it at -142db in my 850 if it had a 3db loss I would not be able to hear anything below a -130db. I also tested a K3 with the Wavetek and it lost the signal at -139 with no DSP on. Sure the 850 has no DSP but it's receiver is HOT. So if you want a great Radio for any aspect of HF work the 850 is the way to go for the money.
73 and good luck
Roland AH6RR

--- In TS-850_450_690@yahoogroups.com, "Anthony W. DePrato" <wa4jqs@...> wrote:
>
> AKenny
> >of the radios you listed the TS850SAT is in my opinion is the finest
> >radio kenwood ever made next to the 950sd . the 850 just had an
> >outboard power supply. and a few of the not needed extras for the
> >most part. for rtty i use the 500cps filters i also have the 250 cps
> >filters but do not use them except in contesting.as for ssb the 2.4
> >fliters work very well i do have the 1.8 but use it only rarely. i
> >have both sets of IF filters installed in both of the 850's and am
> >glad i went the extra mile over the past 20 yrs. i am sure you will
> >get many to reply Clif who repairs kenwoods can give you the
> >complete story.. good luck
>
> 73 Tony
>
>
>
> QBE ZUT DE WA4JQS
>
> ANTHONY W. (Tony) DePrato WA4JQS EXTRA - HEAVY
> Since 1962
> CQ DX HALL OF FAME # 35
> DXCC HONOR ROLL - 340
> A1-OP FISTS # 10573 SKCC #1227 F.O.P. LODGE 68
> DXCC PHONE- DXCC CW- DXCC RTTY- DXCC MIXED-5BDXCC
> DXCC 80, 40, 20, 15, 10 METERS WAC SSB WAC CW WAC RTTY WAC SAT
> South Sandwich Island Dxpedition Group
> CALLS HELD:
> WA4JQS/ZS1, WA4JQS/KC4, WA4JQS/4K1
> ZD8JQS, V31SS, VP8BZL, VP8SSI, 3Y0PI
>

>
>
> [Non-text portions of this message have been removed]
>

8525. Re:: TS-450 STILL Won't Key

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-11-06 17:02:38 UTC
From: ah6rr1
Topic: 8341 Message: 8525

Hey Kevin you comming over here :-)?
Roland Ah6rr

--- In TS-850_450_690@yahoogroups.com, "k7zs" <klahaie@...> wrote:
>
> Thank you Clif for confirming my suspicion that this part of the circuit is working properly, and it is being told that it's in TX on power up.
>
> I'll keep the list posted, I'll be on a trip for a while but the radio isn't going anywhere until it's fixed!
>
> 73 Kevin K7ZS
>
>
> --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> >
> > Look at the map. The base of Q50 should be low in rx, if it is high then Q50 is telling the processor it's in TX at power up and it will not work. Sure what happened made sense. Something shorted locking it in TX mode. When you power cycled it it came up in RX and the processor saw the low on Q50 and will not go into tx.
> >
> > Check the voltage on the anodes of D47 and D73. That will tell you where the TXB is coming from, sorta.
> >
> > Clif
>

8526. TS-850S/AT in ebay store

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-11-06 18:34:08 UTC
From: Thierbach, Ed
Topic: 8526 Message: 8526

Just FYI - as many of you probably know, Burghardt's is no longer a ham radio dealer, and they've been slowly selling off some of their inventory on eBay. They currently have a TS-850S/AT for sale:

http://cgi.ebay.com/Kenwood-TS-850S-AT-160-10-meter-HF-TCVR_W0QQitemZ280419715963QQcmdZViewItemQQptZLH_DefaultDomain_0?hash=item414a514b7b

I have no connection with Burghardt's, just passing along something I saw.

73,
-Ed- AB8OJ

[Non-text portions of this message have been removed]

8527. RLS 135 pin diode

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-11-08 01:14:16 UTC
From: gabby2white
Topic: 8527 Message: 8527

I had a pin diode (D16) short in the BPF circuit selection area of the RF board. I clipped it out and performance is restored.

I did a search on the web and Yahoo groups for a replacement and found nothing but did find RF Parts carries them at $3.50 and a $25 minimum order.

Is there a crossover part number? Or another source that will sell three?

Can I sub a 1N914A switching diode in its place?

TIA,

Ron

8529. Re: RLS 135 pin diode

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-11-08 14:19:04 UTC
From: n0sya
Topic: 8527 Message: 8529

Hi
Where the factory bothered to employ pin diodes, you should replace it with the exact same or a better pin diode. Most none-pin diodes are hit and miss as far as performance in rf environments goes. The 1ss53 diode isn't a pin diode but it is excellent at rf switching in most cases. Some of the other run of the mill switching diodes like the 4148 are about as bad a choice as you could possibly make for use at rf. They create loads of intermod when rf is present, and have other characteristics just as bad at rf. The 914 may be the same but I do not remember seeing test results on that exact part number.

Chris

8530. Re: [TS-850_450_690] Re: RLS 135 pin diode

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-11-08 14:41:02 UTC
From: Zack Widup
Topic: 8527 Message: 8530

I got some PIN diodes years ago from a place in Arizona called MHz Electronics or some such. I think they went out of business.

There was also a place called Microwave Components of Michigan that had some. Norm also went out of business.

I don't recall seeing that particular part number anywhere. You might check out http://www.rfmicrowave.it and see if they have something comparable. They are in Italy but their prices are very reasonable and I've gotten good service from them.

Also, doing a Google search for the part number may turn up something.

73, Zack W9SZ

On Sun, Nov 8, 2009 at 8:19 AM, n0sya <n0sya@...> wrote:

>
>
> Hi
> Where the factory bothered to employ pin diodes, you should replace it with
> the exact same or a better pin diode. Most none-pin diodes are hit and miss
> as far as performance in rf environments goes. The 1ss53 diode isn't a pin
> diode but it is excellent at rf switching in most cases. Some of the other
> run of the mill switching diodes like the 4148 are about as bad a choice as
> you could possibly make for use at rf. They create loads of intermod when rf
> is present, and have other characteristics just as bad at rf. The 914 may be
> the same but I do not remember seeing test results on that exact part
> number.
>
> Chris
>
>
>

[Non-text portions of this message have been removed]

8531. Just got one

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-11-08 15:00:08 UTC
From: hdbillder
Topic: 8531 Message: 8531

I just was given a real nice TS-450.I was wanting to know if there are any inherent problems or other bug a boos I should look out for.
There is one item that needs immediate attention. The mic gain pot is broken,the shaft has been sheared off and I can't adjust the gain. Does anyone in the group have the PC board with the four pots that has the mic gain,etc., they would sell? Or does anyone know where I can buy one pot?
73&God Bless
Bill

8532. Re: RLS 135 pin diode

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-11-08 17:25:43 UTC
From: gabby2white
Topic: 8527 Message: 8532

Does Clif sell them? He is Kenwood 450/850 repair guru.

R.

--- In TS-850_450_690@yahoogroups.com, Zack Widup <w9sz.zack@...> wrote:
>
> I got some PIN diodes years ago from a place in Arizona called MHz
> Electronics or some such. I think they went out of business.
>
> There was also a place called Microwave Components of Michigan that had
> some. Norm also went out of business.
>
> I don't recall seeing that particular part number anywhere. You might check
> out http://www.rfmicrowave.it and see if they have something comparable.
> They are in Italy but their prices are very reasonable and I've gotten good
> service from them.
>
> Also, doing a Google search for the part number may turn up something.
>
> 73, Zack W9SZ
>
> On Sun, Nov 8, 2009 at 8:19 AM, n0sya <n0sya@...> wrote:
>
> >
> >
> > Hi
> > Where the factory bothered to employ pin diodes, you should replace it with
> > the exact same or a better pin diode. Most none-pin diodes are hit and miss
> > as far as performance in rf environments goes. The 1ss53 diode isn't a pin
> > diode but it is excellent at rf switching in most cases. Some of the other
> > run of the mill switching diodes like the 4148 are about as bad a choice as
> > you could possibly make for use at rf. They create loads of intermod when rf
> > is present, and have other characteristics just as bad at rf. The 914 may be
> > the same but I do not remember seeing test results on that exact part
> > number.
> >
> > Chris
> >
> >
> >
>
>
> [Non-text portions of this message have been removed]
>

8534. Re: Just got one

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-11-08 17:58:01 UTC
From: dnrsupply
Topic: 8531 Message: 8534

Hello Bill, you can try Pacparts.com, the mic pot is # R05-3462-05, I ordered one over two weeks ago...they say they will definitely get them in this week! I hope so. I was able to adjust mine with a screwdriver for now and just leave it. this seems to happen a lot due to poor packing! Hope that helps Bill.-Dallas. ki6pdi.

--- In TS-850_450_690@yahoogroups.com, "hdbillder" <bill_k4flh@...> wrote:
>
> I just was given a real nice TS-450.I was wanting to know if there are any inherent problems or other bug a boos I should look out for.
> There is one item that needs immediate attention. The mic gain pot is broken,the shaft has been sheared off and I can't adjust the gain. Does anyone in the group have the PC board with the four pots that has the mic gain,etc., they would sell? Or does anyone know where I can buy one pot?
> 73&God Bless
> Bill
>

8535. TS-450s Intermittent RX when I unkey....

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-11-08 18:08:01 UTC
From: dnrsupply
Topic: 8535 Message: 8535

Hello group, this happened the other night with a long QSO to Hawaii...and a couple of other times. The radio got pretty warm...this seems to happen only when the radio gets hot. When I unkey the RX drops out for a second or to..choppy and the S-meter goes to zero...it may drop out two or three times then recover...real hard to have a QSO!! No antenna tuner, no NB, checked SQL and RF gain settings, checked antenna port, jiggled and moved things around and can't a make it happen. When radio cools down everything is good. Any ideas? -Dallas. ki6pdi.

8536. Re: [TS-850_450_690] TS-450s Intermittent RX when I unkey....

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-11-08 18:58:41 UTC
From: Ashley40@AOL.com
Topic: 8535 Message: 8536

Take the covers off, power the unit up, and heat things up with a blow dryer.(or ,very carefully, with a heat gun with small nozzle).... Get a couple cans of cooler (freeze spray) and spend some time locating the problem
PC board interconnect connectors are notorious for thermal intermittants..... as are cold solder joints.....
Hope the suggestions help....

Thanks
Kiss-Electronics
Ms Ashley Hall
Cornelius, Oregon

W7DUZ

-----Original Message-----
From: dnrsupply <dnrsupply@...>
To: TS-850_450_690@yahoogroups.com
Sent: Sun, Nov 8, 2009 10:08 am
Subject: [TS-850_450_690] TS-450s Intermittent RX when I unkey....

Hello group, this happened the other night with a long QSO to Hawaii...and a ouple of other times. The radio got pretty warm...this seems to happen only hen the radio gets hot. When I unkey the RX drops out for a second or o..choppy and the S-meter goes to zero...it may drop out two or three times hen recover...real hard to have a QSO!! No antenna tuner, no NB, checked SQL nd RF gain settings, checked antenna port, jiggled and moved things around and an't a make it happen. When radio cools down everything is good. Any ideas? Dallas. ki6pdi.

THANKS FOR USING TS-850_450_690@...! Groups Links
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http://docs.yahoo.com/info/terms/

[Non-text portions of this message have been removed]

8537. Re: Just got one

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-11-08 20:57:09 UTC
From: bill_k4flh
Topic: 8531 Message: 8537

Thanks for the heads up. I'll give them a call Monday
73
Bill/k4flh

--- In TS-850_450_690@yahoogroups.com, "dnrsupply" <dnrsupply@...> wrote:
>
> Hello Bill, you can try Pacparts.com, the mic pot is # R05-3462-05, I ordered one over two weeks ago...they say they will definitely get them in this week! I hope so. I was able to adjust mine with a screwdriver for now and just leave it. this seems to happen a lot due to poor packing! Hope that helps Bill.-Dallas. ki6pdi.
>
> --- In TS-850_450_690@yahoogroups.com, "hdbillder" <bill_k4flh@> wrote:
> >
> > I just was given a real nice TS-450.I was wanting to know if there are any inherent problems or other bug a boos I should look out for.
> > There is one item that needs immediate attention. The mic gain pot is broken,the shaft has been sheared off and I can't adjust the gain. Does anyone in the group have the PC board with the four pots that has the mic gain,etc., they would sell? Or does anyone know where I can buy one pot?
> > 73&God Bless
> > Bill
> >
>

8538. Re: TS-450s Intermittent RX when I unkey....

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-11-08 21:34:57 UTC
From: dnrsupply
Topic: 8535 Message: 8538

I forgot about the freeze spray I'll have to try that. Thanks for the info.

--- In TS-850_450_690@yahoogroups.com, Ashley40@... wrote:
>
>
> Take the covers off, power the unit up, and heat things up with a blow dryer.(or ,very carefully, with a heat gun with small nozzle).... Get a couple cans of cooler (freeze spray) and spend some time locating the problem
> PC board interconnect connectors are notorious for thermal intermittants..... as are cold solder joints.....
> Hope the suggestions help....
>
> Thanks
> Kiss-Electronics
> Ms Ashley Hall
> Cornelius, Oregon
>
>
> W7DUZ
>
>
> -----Original Message-----
> From: dnrsupply <dnrsupply@...>
> To: TS-850_450_690@yahoogroups.com
> Sent: Sun, Nov 8, 2009 10:08 am
> Subject: [TS-850_450_690] TS-450s Intermittent RX when I unkey....
>
>
>
> Hello group, this happened the other night with a long QSO to Hawaii...and a
> ouple of other times. The radio got pretty warm...this seems to happen only
> hen the radio gets hot. When I unkey the RX drops out for a second or
> o..choppy and the S-meter goes to zero...it may drop out two or three times
> hen recover...real hard to have a QSO!! No antenna tuner, no NB, checked SQL
> nd RF gain settings, checked antenna port, jiggled and moved things around and
> an't a make it happen. When radio cools down everything is good. Any ideas?
> Dallas. ki6pdi.
>
> ------------------------------------
> THANKS FOR USING TS-850_450_690@...! Groups Links
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>
>
>

> [Non-text portions of this message have been removed]
>

8539. Re: [TS-850_450_690] Just got one

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-11-09 01:21:58 UTC
From: ka0nem
Topic: 8531 Message: 8539

Please search the previous posts for leaking capacitors or similar. There are some parts that need visual inspection and possible replacement. The caps leaking can cause some serious damage, which is repairable but painful. Preventative inspection could save a GREAT rig. You should go through the files section, look at what is there and some of the pictures to get a better idea of what others have done, either for fun or necessity.

BTW, how much did you pay for your 450, and what specific model and options does it have? I.e. does it have the tuner, any filters etc?

Jess Perry
KA0NEM

On Sun, Nov 8, 2009 at 7:00 AM, hdbillder <bill_k4flh@...> wrote:

>
>
> I just was given a real nice TS-450.I was wanting to know if there are any
> inherent problems or other bug a boos I should look out for.
> There is one item that needs immediate attention. The mic gain pot is
> broken,the shaft has been sheared off and I can't adjust the gain. Does
> anyone in the group have the PC board with the four pots that has the mic
> gain,etc., they would sell? Or does anyone know where I can buy one pot?
> 73&God Bless
> Bill
>
>
>

[Non-text portions of this message have been removed]

8540. Re: [TS-850_450_690] Re: Just got one

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-11-09 02:47:21 UTC
From: Bill Price
Topic: 8531 Message: 8540

I didn't find anything under "ALPS" and the part number
Bill
-------Original Message-------

From: dnrsupply
Date: 11/8/2009 1:45:54 PM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] Re: Just got one

Hello Bill, you can try Pacparts.com, the mic pot is # R05-3462-05, I ordered one over two weeks ago...they say they will definitely get them in this week! I hope so. I was able to adjust mine with a screwdriver for now and just leave it. This seems to happen a lot due to poor packing! Hope that helps Bill.-Dallas. Ki6pdi.

--- In TS-850_450_690@yahoogroups.com, "hdbillder" <bill_k4flh@...> wrote:
>
> I just was given a real nice TS-450.I was wanting to know if there are any inherent problems or other bug a boos I should look out for.
> There is one item that needs immediate attention. The mic gain pot is broken,the shaft has been sheared off and I can't adjust the gain. Does anyone in the group have the PC board with the four pots that has the mic gain,etc., they would sell? Or does anyone know where I can buy one pot?
> 73&God Bless
> Bill
>

8541. Re: [TS-850_450_690] Re: TS-450s Intermittent RX when I unkey....

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-11-08 21:49:52 UTC
From: Jordan
Topic: 8535 Message: 8541

Sounds like either the antenna to SO-239 connection is intermittent, or it's about to drop out of lock....If there is no noticeable distortion on received signals just prior to it occurring, I'd check the RF connection first.
With heat-cycling, RF, motion transferred to the wire from connect/disconnect cycles etc., the soldered connection tends to weaken, which starts a run-away but usually slow connection break-down.... 73...Jordan....

----- Original Message -----
From: dnrsupply
To: TS-850_450_690@yahoogroups.com
Sent: Sunday, November 08, 2009 2:34 PM
Subject: [TS-850_450_690] Re: TS-450s Intermittent RX when I unkey....

I forgot about the freeze spray I'll have to try that. Thanks for the info.

--- In TS-850_450_690@yahoogroups.com, Ashley40@... wrote:
>
>
> Take the covers off, power the unit up, and heat things up with a blow dryer.(or ,very carefully, with a heat gun with small nozzle).... Get a couple cans of cooler (freeze spray) and spend some time locating the problem
> PC board interconnect connectors are notorious for thermal intermittants..... as are cold solder joints.....
> Hope the suggestions help....
>
> Thanks
> Kiss-Electronics
> Ms Ashley Hall
> Cornelius, Oregon
>
>
> W7DUZ
>
>
> -----Original Message-----
> From: dnrsupply <dnrsupply@...>
> To: TS-850_450_690@yahoogroups.com
> Sent: Sun, Nov 8, 2009 10:08 am
> Subject: [TS-850_450_690] TS-450s Intermittent RX when I unkey....
>
>
>
> Hello group, this happened the other night with a long QSO to Hawaii...and a
> ouple of other times. The radio got pretty warm...this seems to happen only
> hen the radio gets hot. When I unkey the RX drops out for a second or
> o..choppy and the S-meter goes to zero...it may drop out two or three times

> hen recover...real hard to have a QSO!! No antenna tuner, no NB, checked SQL
> nd RF gain settings, checked antenna port, jiggled and moved things around and
> an't a make it happen. When radio cools down everything is good. Any ideas?
> Dallas. ki6pdi.
>
> ------------------------------------
> THANKS FOR USING TS-850_450_690@...! Groups Links
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>
>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

8542. TS-450S ilnesses

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-11-09 11:05:45 UTC
From: vojtech
Topic: 8542 Message: 8542

Hello Group, about a few months ago I had the notorious YM6631 DDS failure on my TS-450s, so a myth, that the YMs die mostly on TS-850s due to the leakage caps seems to be not true. I am curious, how many of you have encountered the same problem and had to replace the CAR board or the DDSs?
When I repaired it, I made an inspection of the boards, but the caps seeed to be looking like new, no leakage on car board or anywhere else. Has anybody from you met with leaked caps in the TS-450s?
Any info about a recommended prophylaxis on a fast twenty year radio would be great, to do all toghether.
Regards,
Vojtech, OK1VAW.

P.S.: the two offered YM66312 some time ago from me here are sold.

8543. Re: TS-450s Intermittent RX when I unkey....

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-11-09 17:01:26 UTC
From: clintws1v
Topic: 8535 Message: 8543

Can someone explain how the freeze spray works at diagnosing problems ?

Tnxs,
WS1V

--- In TS-850_450_690@yahoogroups.com, "dnrsupply" <dnrsupply@...> wrote:
>
> I forgot about the freeze spray I'll have to try that. Thanks for the info.

8544. Re: [TS-850_450_690] Re: TS-450s Intermittent RX when I unkey....

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-11-09 18:11:37 UTC
From: Zack Widup
Topic: 8535 Message: 8544

A lot of problems with parts are heat-related. Components expand internally when they get warm and contract when they cool off. With the passage of time, this may cause tiny fractures internally in the various devices. They will usually break contact internally when they warm up and make contact when they cool off. A device that has ceased to function at room temperature may start working when cooled to, say, 40 degrees.

So by spraying cooling spray, if the device starts functioning again, you know you've found the culprit.

73, Zack W9SZ

On Mon, Nov 9, 2009 at 11:01 AM, clintws1v <clintws1v@...> wrote:

>
>
> Can someone explain how the freeze spray works at diagnosing problems ?
>
> Tnxs,
> WS1V
>
>
> --- In TS-850_450_690@yahoogroups.com <TS-850_450_690%40yahoogroups.com>,
> "dnrsupply" <dnrsupply@...> wrote:
> >
> > I forgot about the freeze spray I'll have to try that. Thanks for the
> info.
>
>
>

[Non-text portions of this message have been removed]

8545. RE: [TS-850_450_690] Re: TS-450s Intermittent RX when I unkey....

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-11-09 18:15:58 UTC
From: Mike
Topic: 8535 Message: 8545

If there is a marginal/intermittent connection, the freeze spray forces contraction and makes the problem occur, thereby isolating it's location.

Hope this helps.

73 N2TBP Mike

From: clintws1v [mailto:clintws1v@...]
Sent: Monday, November 09, 2009 12:01 PM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] Re: TS-450s Intermittent RX when I unkey....

Can someone explain how the freeze spray works at diagnosing problems ?

Tnxs,
WS1V

--- In TS-850_450_690@ <mailto:TS-850_450_690%40yahoogroups.com> yahoogroups.com, "dnrsupply" <dnrsupply@...> wrote:
>
> I forgot about the freeze spray I'll have to try that. Thanks for the info.

[Non-text portions of this message have been removed]

8546. Re: [TS-850_450_690] Re: TS-450s Intermittent RX when I unkey....

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-11-09 19:31:45 UTC
From: Dennis Wade
Topic: 8535 Message: 8546

The trick to using freeze spray is being able to cool down one (or a couple) suspects at a time ideally, but in some fashion narrowing it down to a particular location.

Dennis

On Mon, Nov 9, 2009 at 10:15 AM, Mike <n2tbp@...> wrote:

>
>
> If there is a marginal/intermittent connection, the freeze spray forces
> contraction and makes the problem occur, thereby isolating it's location.
>
> Hope this helps.
>
> 73 N2TBP Mike
>
> _____
>
> From: clintws1v [mailto:clintws1v@... <clintws1v%40yahoo.com>]
> Sent: Monday, November 09, 2009 12:01 PM
> To: TS-850_450_690@yahoogroups.com <TS-850_450_690%40yahoogroups.com>
>
> Subject: [TS-850_450_690] Re: TS-450s Intermittent RX when I unkey....
>
>
> Can someone explain how the freeze spray works at diagnosing problems ?
>
> Tnxs,
> WS1V
>
> --- In TS-850_450_690@
<mailto:TS-850_450_690%40yahoogroups.com<TS-850_450_690%2540yahoogroups.com>
> >
>
> yahoogroups.com, "dnrsupply" <dnrsupply@...> wrote:
> >
> > I forgot about the freeze spray I'll have to try that. Thanks for the
> info.
>
> [Non-text portions of this message have been removed]
>
>
>

--
I've been wondering lately..."Where am I going and why AM I in this hand
basket??"

Dennis L. Wade
KG6ZI
Carmichael, CA

[Non-text portions of this message have been removed]

8547. Re: TS-450s Intermittent RX when I unkey....

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-11-09 21:27:15 UTC
From: dnrsupply
Topic: 8535 Message: 8547

Thanks for all of the info! I'll keep trying. ki6pdi.

--- In TS-850_450_690@yahoogroups.com, "Jordan" <Outposter30@...> wrote:
>
> Sounds like either the antenna to SO-239 connection is intermittent, or it's about to drop out of lock....If there is no noticeable distortion on received signals just prior to it occurring, I'd check the RF connection first.
> With heat-cycling, RF, motion transferred to the wire from connect/disconnect cycles etc., the soldered connection tends to weaken, which starts a run-away but usually slow connection break-down.... 73...Jordan....
>
>
> ----- Original Message -----
> From: dnrsupply
> To: TS-850_450_690@yahoogroups.com
> Sent: Sunday, November 08, 2009 2:34 PM
> Subject: [TS-850_450_690] Re: TS-450s Intermittent RX when I unkey....
>
>
>
> I forgot about the freeze spray I'll have to try that. Thanks for the info.
>
> --- In TS-850_450_690@yahoogroups.com, Ashley40@ wrote:
> >
> >
> > Take the covers off, power the unit up, and heat things up with a blow dryer.(or ,very carefully, with a heat gun with small nozzle).... Get a couple cans of cooler (freeze spray) and spend some time locating the problem
> > PC board interconnect connectors are notorious for thermal intermittants..... as are cold solder joints.....
> > Hope the suggestions help....
> >
> > Thanks
> > Kiss-Electronics
> > Ms Ashley Hall
> > Cornelius, Oregon
> >
> >
> > W7DUZ
> >
> >
> > -----Original Message-----
> > From: dnrsupply <dnrsupply@>
> > To: TS-850_450_690@yahoogroups.com
> > Sent: Sun, Nov 8, 2009 10:08 am

> > Subject: [TS-850_450_690] TS-450s Intermittent RX when I unkey....
> >
> >
> >
> > Hello group, this happened the other night with a long QSO to Hawaii...and a
> > ouple of other times. The radio got pretty warm...this seems to happen only
> > hen the radio gets hot. When I unkey the RX drops out for a second or
> > o..choppy and the S-meter goes to zero...it may drop out two or three times
> > hen recover...real hard to have a QSO!! No antenna tuner, no NB, checked SQL
> > nd RF gain settings, checked antenna port, jiggled and moved things around and
> > an't a make it happen. When radio cools down everything is good. Any ideas?
> > Dallas. ki6pdi.
> >
> > ------------------------------------
> > THANKS FOR USING TS-850_450_690@! Groups Links
> > Individual Email | Traditional
> > http://docs.yahoo.com/info/terms/
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

8548. Re: RLS 135 pin diode

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-11-09 23:53:28 UTC
From: gabby2white
Topic: 8527 Message: 8548

Thanks for the Burghardt tip. I ordered several this morning that will ship Priority Mail.

They are also available at Kenwood Parts: $1.42 ea. plus $11.50 shipping! Yikes!

Ron

--- In TS-850_450_690@yahoogroups.com, "gabby2white" <gabby2white@...> wrote:
>
> I had a pin diode (D16) short in the BPF circuit selection area of the RF board. I clipped it out and performance is restored.
>
> I did a search on the web and Yahoo groups for a replacement and found nothing but did find RF Parts carries them at $3.50 and a $25 minimum order.
>
> Is there a crossover part number? Or another source that will sell three?
>
> Can I sub a 1N914A switching diode in its place?
>
> TIA,
>
> Ron
>

8549. Re: RLS 135 pin diode

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-11-10 00:20:48 UTC
From: gabby2white
Topic: 8527 Message: 8549

Thanks for the Burghardt tip. I ordered several this morning that will ship Priority Mail.

They are also available at Kenwood Parts: $1.42 ea. plus $11.50 shipping! Yikes!

Ron

--- In TS-850_450_690@yahoogroups.com, "gabby2white" <gabby2white@...> wrote:
>
> I had a pin diode (D16) short in the BPF circuit selection area of the RF board. I clipped it out and performance is restored.
>
> I did a search on the web and Yahoo groups for a replacement and found nothing but did find RF Parts carries them at $3.50 and a $25 minimum order.
>
> Is there a crossover part number? Or another source that will sell three?
>
> Can I sub a 1N914A switching diode in its place?
>
> TIA,
>
> Ron
>

8550. Re: TS-450S ilnesses

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-11-10 13:12:32 UTC
From: n0sya
Topic: 8542 Message: 8550

--- In TS-850_450_690@yahoogroups.com, "vojtech" <ok1vaw@...> wrote:
>
> Hello Group, about a few months ago I had the notorious YM6631 DDS failure on my TS-450s, so a myth, that the YMs die mostly on TS-850s due to the leakage caps seems to be not true. I am curious, how many of you have encountered the same problem and had to replace the CAR board or the DDSs?
> Vojtech, OK1VAW.
>
> P.S.: the two offered YM66312 some time ago from me here are sold.
>

Hi
Before you remove the suspect parts, try to resolder their respective connections and test again. I recall a story by a guy in the same situation as yours and he removed and replaced a suspect chip, but then later tried the suspect chip in another rig and it worked, making him think that solder joints may be the culprit here. Worth a shot?

Chris

8551. Re: TS-450S ilnesses

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-11-11 12:14:34 UTC
From: vojtech
Topic: 8542 Message: 8551

--- In TS-850_450_690@yahoogroups.com, "n0sya" <n0sya@...> wrote:
>
>
>
> --- In TS-850_450_690@yahoogroups.com, "vojtech" <ok1vaw@> wrote:
> >
> > Hello Group, about a few months ago I had the notorious YM6631 DDS failure on my TS-450s, so a myth, that the YMs die mostly on TS-850s due to the leakage caps seems to be not true. I am curious, how many of you have encountered the same problem and had to replace the CAR board or the DDSs?
> > Vojtech, OK1VAW.
> >
> > P.S.: the two offered YM66312 some time ago from me here are sold.
> >
>
>
> Hi
> Before you remove the suspect parts, try to resolder their respective connections and test again. I recall a story by a guy in the same situation as yours and he removed and replaced a suspect chip, but then later tried the suspect chip in another rig and it worked, making him think that solder joints may be the culprit here. Worth a shot?
>
> Chris

Hello Chris,
I have to say that I have tested the DDS quite thoroughly on a microscope looking to a PCB and soldering problems, but all looked allright. The failed DDS gaves a second harmonic or other strange output signal, it seemed that it was not able to react to the digital setting. I was looking to every pin even with a with spectrum analyzer for Rf signals and oscilloscope for digital ones as well.
After desoldering the old one and resoldering a new YM66312 it worked immediately, so in this case I am sure, that it was failed YM6631. Replaced both to be sure.

On the other hand, can you estimate, how many TS-450s (TS-690s) have you on your table with failed DDS as the primary failure in comparsion to other failures in comparsion to a TS-850S?
Regards,
Vojtech.

8552. What filter is best for TS-450sat

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-11-12 08:57:14 UTC
From: kg5ks
Topic: 8552 Message: 8552

I have a nice un modified TS-450sat and would like to be able to use it in contests and crowed channels. I like the digital modes like packet, psk31 etc. and SSB. Do I want to get the INRAD combo

http://www.inrad.net/product.php?productid=20&cat=47&page=1

or will the Kenwood optional filter be as good. Hopefully will sell this one and upgrade to a nice TS-850sat later or ??. Are there any more modifications that might be good for this radio ? 60m mod ?

Thank you
Ken

8553. Re: [TS-850_450_690] Re: Just got one

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-11-12 03:33:38 UTC
From: Bill Price
Topic: 8531 Message: 8553

Hey Dallas
Have you gotten you part from PacParts?

☐
73& God Bless
Bill Price_K4FLH

-------Original Message-------

From: dnrsupply
Date: 11/08/09 13:45:54
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] Re: Just got one

Hello Bill, you can try Pacparts.com, the mic pot is # R05-3462-05, I ordered one over two weeks ago...they say they will definitely get them in this week! I hope so. I was able to adjust mine with a screwdriver for now and just leave it. This seems to happen a lot due to poor packing! Hope that helps Bill.-Dallas. Ki6pdi.

--- In TS-850_450_690@yahoogroups.com, "hdbillder" <bill_k4flh@...> wrote:
>
> I just was given a real nice TS-450.I was wanting to know if there are any inherent problems or other bug a boos I should look out for.
> There is one item that needs immediate attention. The mic gain pot is broken,the shaft has been sheared off and I can't adjust the gain. Does anyone in the group have the PC board with the four pots that has the mic gain,etc., they would sell? Or does anyone know where I can buy one pot?
> 73&God Bless
> Bill
>

8554. Re: [TS-850_450_690] What filter is best for TS-450sat

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-11-12 14:51:07 UTC
From: Zack Widup
Topic: 8552 Message: 8554

The Inrad filters are much better than the Kenwood filters. If you can
afford them, go for it.

73, Zack W9SZ

On Thu, Nov 12, 2009 at 2:57 AM, kg5ks <kg5ks@...> wrote:

>
>
> I have a nice un modified TS-450sat and would like to be able to use it in
> contests and crowed channels. I like the digital modes like packet, psk31
> etc. and SSB. Do I want to get the INRAD combo
>
> http://www.inrad.net/product.php?productid=20&cat=47&page=1
>
> or will the Kenwood optional filter be as good. Hopefully will sell this
> one and upgrade to a nice TS-850sat later or ??. Are there any more
> modifications that might be good for this radio ? 60m mod ?
>
> Thank you
> Ken
>
>
>

[Non-text portions of this message have been removed]

8555. Re: TS-450S ilnesses

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-11-12 15:23:41 UTC
From: n0sya
Topic: 8542 Message: 8555

Hi Vojtech,
I have no experience with the 450, but there are some here who are qualified to answer your question re 450 vs 850 failures, Clif being one of them. Perhaps he will chime in with his thoughts. I had heard that the early dds chips were failure prone, but some malfunctions are likely to be soldering failure. Anyway, glad you are good to go now!

Chris

8556. TS-450S Power output variation

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-11-13 11:00:33 UTC
From: k6akr
Topic: 8556 Message: 8556

My TS-450S generates a wide variation in output power over the different operating bands. I tested it into a dummy load using a known good watt meter and found that the CW output power level varied from approx. 50 watts on 160M up to 120 watts on 20M and back to 50 watts on 10M. Also looks like the rig's SWR indication is out of whack which may be causing the problem or at least lead in the direction of the problem. Anyone see this behavior before? Any good ideas on where to start looking? I own a o'scope so I can do some diagnostic work. I am hoping someone has seen this before and can point me in the right direction.

Thanks, Art K6AKR

8557. Re: TS-450S Power output variation

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-11-13 19:22:32 UTC
From: avvidclif
Topic: 8556 Message: 8557

Start by making a chart.

Band Power out SWR Current drawn

Also leave the tuner out of line. The chart will tell you if it's a LPF problem or an SWR circuit problem.

Did it just start doing this?

Clif

--- In TS-850_450_690@yahoogroups.com, "k6akr" <akr@...> wrote:
>
> My TS-450S generates a wide variation in output power over the different operating bands. I tested it into a dummy load using a known good watt meter and found that the CW output power level varied from approx. 50 watts on 160M up to 120 watts on 20M and back to 50 watts on 10M. Also looks like the rig's SWR indication is out of whack which may be causing the problem or at least lead in the direction of the problem. Anyone see this behavior before? Any good ideas on where to start looking? I own a o'scope so I can do some diagnostic work. I am hoping someone has seen this before and can point me in the right direction.
>
> Thanks, Art K6AKR
>

8558. Re: TS-450S Power output variation

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-11-14 13:42:29 UTC
From: n0sya
Topic: 8556 Message: 8558

I wonder if a slightly detuned car board is what is causing this?

Chris

8559. Signalink USB cant hear audio

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-11-15 12:40:25 UTC
From: Jonathan
Topic: 8559 Message: 8559

Im setting up this USB device for use with PSK31, and I dont seem to be getting audio from my 8pin MIC jack. Am I correct that audio out is available on PIN 6?
Jonathan KC7FYS

8560. Re: [TS-850_450_690] Signalink USB cant hear audio

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-11-15 14:50:49 UTC
From: Dave ve3wej
Topic: 8559 Message: 8560

if you are talking kenwood, not all kenwoods had the audio on that pin..... check you model (you did not specify)...

----- Original Message -----
From: Jonathan
To: TS-850_450_690@yahoogroups.com
Sent: Sunday, November 15, 2009 7:40 AM
Subject: [TS-850_450_690] Signalink USB cant hear audio

Im setting up this USB device for use with PSK31, and I dont seem to be getting audio from my 8pin MIC jack. Am I correct that audio out is available on PIN 6?
Jonathan KC7FYS

[Non-text portions of this message have been removed]

8561. TS-850 ==> RTTY challenged

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-11-15 17:08:23 UTC
From: Gary K9GS
Topic: 8561 Message: 8561

After some head scratching I need some advice. I've never made a RTTY QSO in my life but want to play around with RTTY and other digital modes like PSK. I have constructed a soundcard interface from Unified Microsystems (http://www.unifiedmicro.com/sci6.htm) and need some help on connecting to my 850.

I rarely operate phone and need to know the best way to interface the soundcard interface to the 850. Should I just use the front panel mic and headphone jacks or should I use one of the back panel jacks on the 850? If so...which one? The sound card interface has a trim pot for adjusting the transmit audio and I assume the software running on the computer will allow you to adjust the audio coming from the radio to the computer?

Finally....how should I handle the PTT?? Again, from panel mike jack or one of the rear panel connectors??

I realize I won't have FSK...only AFSK but that's the trade-off when you want to work the other digital modes...correct???

73,

Gary K9GS
++
K9GS
Gary Schwartz email: k9gs (at) arrl.net
Check out K9NS on the web: http://www.k9ns.com
Society of Midwest Contesters (SMC) http://www.w9smc.com/
GMDXA http://www.eng.mu.edu/gmdxa/
++

8562. Wanted AT-450 Internal Ant-Tuner

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-11-15 16:51:17 UTC
From: clintws1v
Topic: 8562 Message: 8562

If anyone has a spare to their needs AT-450 internal antennae tuner sitting around, I would be interested in purchasing. Please contact me with condition & price ?

73,
Clint
WS1V

8563. Re: [TS-850_450_690] TS-850 ==> RTTY challenged

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-11-15 18:00:59 UTC
From: Tom Osborne
Topic: 8561 Message: 8563

Hi Gary

You might Google 'RASCAL'. I have 2 of those interfaces on my TS-450SAT's and they really work great. You can plug the cable right into the jack on the back of the rig and it takes care of PTT, FSK, etc, very nicely. I think I paid around $40 for the ones I have.

You just plug the cable into the radio and into a serial port on your computer and you're good to go. 73
Tom W7WHY

8564. Re: [TS-850_450_690] TS-850 ==> RTTY challenged

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-11-15 18:02:34 UTC
From: Dave ve3wej
Topic: 8561 Message: 8564

mine is wired to the 13 pin accy jack on the rear. this keeps me from switching back and forth, AND receive audio is fixed level, never changes, so volume (af) control can be down to the bottom

----- Original Message -----
From: Gary K9GS
To: TS-850_450_690@yahoogroups.com
Sent: Sunday, November 15, 2009 12:08 PM
Subject: [TS-850_450_690] TS-850 ==> RTTY challenged

After some head scratching I need some advice. I've never made a RTTY QSO in my life but want to play around with RTTY and other digital modes like PSK. I have constructed a soundcard interface from Unified Microsystems (http://www.unifiedmicro.com/sci6.htm) and need some help on connecting to my 850.

I rarely operate phone and need to know the best way to interface the soundcard interface to the 850. Should I just use the front panel mic and headphone jacks or should I use one of the back panel jacks on the 850? If so...which one? The sound card interface has a trim pot for adjusting the transmit audio and I assume the software running on the computer will allow you to adjust the audio coming from the radio to the computer?

Finally....how should I handle the PTT?? Again, from panel mike jack or one of the rear panel connectors??

I realize I won't have FSK...only AFSK but that's the trade-off when you want to work the other digital modes...correct???

73,

Gary K9GS
++
K9GS
Gary Schwartz email: k9gs (at) arrl.net
Check out K9NS on the web: http://www.k9ns.com
Society of Midwest Contesters (SMC) http://www.w9smc.com/
GMDXA http://www.eng.mu.edu/gmdxa/
++

[Non-text portions of this message have been removed]

8565. Re: [TS-850_450_690] TS-850 ==> RTTY challenged

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-11-15 18:17:44 UTC
From: ka0nem
Topic: 8561 Message: 8565

Get a pinout for your mic, you only need the mic audio and ground for audio in. You can simply use vox for the keying, which is solely working off the audio from your computer (watch-out, or you will transmit the 'you've got mail' notification though) and is incredibly simple to operate. A dedicated 8pin plug is very simple to setup, and by using this INSTEAD of your mic or passthrough devices you will never have a live mic during your transmissions.

You should set the mic gain and volume level from your computer so your ALC is NOT peaked, in fact just registering the alc is as high as you want to go. If you send too much audio and the alc comes in, then your signal will get clipped and it will cause splatter. Generally, you only need enough audio from the computer into the radio to trip the vox. The audio from the computer is already compressed and optimum, no compressor is needed.

In your digital app, you can send a continuous set of dits or dahs and use this to 'tune' the volume. Start out with volume on the pc at 0 and slowly work it up (click on the volume slider and use the up/down keys on the kybd to increment.

Audio in to the computer, turn off all filters (the software does the filtering and radio filters could reduce effectiveness), turn the volume down all the way, on both the radio and the computer. Raise the volume on the computer mic-in or audio-in to half, slowly turn up the radio volume. On my 450 and other rigs, the radio volume is usually so low that the radio volume is too low for my taste just for listening to. Your app should have a meter to tell you when you are overdriving the receive audio.

Power, only run 1/4pwr. digital modes run your radio at 100% during the entire transmission, whereas voice has highs and lows and is rarely over 50%. This is called the duty cycle, too much power and you will damage your rig. Plus, digital modes are designed/optimap for weak signal use. Try with power at the lowest setting, and raise it as you need. You would be amazing how far you can go with the lowest power setting! It is also
bad etiquette (I wish others would pay attention to this bit) to use an amp on PSK. If you use too much power, you often end up washing out the whole frequency, I have seen harmonics of the same overdriven signal appear 3-4 times on either side of the tx frequency... which is no fun. Don't be that guy. Do some test qso's with a friend to identify your signal and how well tuned it is. A little goes a long way!!

Take this simple route to get on the air and get your feet wet. Many good qso and dx contact can be made with a mic held up to the computer speaker... so don't underestimate the simplicity of audio coupling. When you have some experience, you will see what you do and don't like about your setup. Then, add rig control, or computer ptt control or other things. It is a very fun

mode, and starting out cheap and easy will teach you much more than buying gear and connecting the color coded connections.

73, I will watch for you on 14.070, I talk to my Father in Anchorage a lot there... and 20m PSK-31 is always popular is seems.

KA0NEM

On Sun, Nov 15, 2009 at 9:08 AM, Gary K9GS <garyk9gs@...> wrote:

>
>
> After some head scratching I need some advice. I've never made a RTTY QSO
> in my life but want to play around with RTTY and other digital modes like
> PSK. I have constructed a soundcard interface from Unified Microsystems
> (http://www.unifiedmicro.com/sci6.htm) and need some help on connecting
> to my 850.
>
> I rarely operate phone and need to know the best way to interface the
> soundcard interface to the 850. Should I just use the front panel mic and
> headphone jacks or should I use one of the back panel jacks on the 850? If
> so...which one? The sound card interface has a trim pot for adjusting the
> transmit audio and I assume the software running on the computer will allow
>
> you to adjust the audio coming from the radio to the computer?
>
> Finally....how should I handle the PTT?? Again, from panel mike jack or one
>
> of the rear panel connectors??
>
> I realize I won't have FSK...only AFSK but that's the trade-off when you
> want to work the other digital modes...correct???
>
> 73,
>
> Gary K9GS
> ++
> K9GS
> Gary Schwartz email: k9gs (at) arrl.net
> Check out K9NS on the web: http://www.k9ns.com
> Society of Midwest Contesters (SMC) http://www.w9smc.com/
> GMDXA http://www.eng.mu.edu/gmdxa/
> ++
>
>
>

[Non-text portions of this message have been removed]

8566. Re: [TS-850_450_690] TS-850 ==> RTTY challenged

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-11-15 18:25:15 UTC
From: ka0nem
Topic: 8561 Message: 8566

btw, that looks like a good kit, thanks for the link!

My goal (in some weekend of free time) is to mount a small usb hub and a small usb audio device inside an interface like this. A poor-mans signal link, so to speak. I do computer repair and have lots of this kind of thing floating around. As it is, I still use an altoids tin interface I built, with a simple 2 resistor circuit to reduce the pc out volume into the mic, no isolation though.

KA0NEM

On Sun, Nov 15, 2009 at 9:08 AM, Gary K9GS <garyk9gs@...> wrote:

>
>
> After some head scratching I need some advice. I've never made a RTTY QSO
> in my life but want to play around with RTTY and other digital modes like
> PSK. I have constructed a soundcard interface from Unified Microsystems
> (http://www.unifiedmicro.com/sci6.htm) and need some help on connecting
> to my 850.
>
> I rarely operate phone and need to know the best way to interface the
> soundcard interface to the 850. Should I just use the front panel mic and
> headphone jacks or should I use one of the back panel jacks on the 850? If
> so...which one? The sound card interface has a trim pot for adjusting the
> transmit audio and I assume the software running on the computer will allow
>
> you to adjust the audio coming from the radio to the computer?
>
> Finally....how should I handle the PTT?? Again, from panel mike jack or one
>
> of the rear panel connectors??
>
> I realize I won't have FSK...only AFSK but that's the trade-off when you
> want to work the other digital modes...correct???
>
> 73,
>
> Gary K9GS
> ++
> K9GS
> Gary Schwartz email: k9gs (at) arrl.net
> Check out K9NS on the web: http://www.k9ns.com
> Society of Midwest Contesters (SMC) http://www.w9smc.com/
> GMDXA http://www.eng.mu.edu/gmdxa/
> ++

>
>
>

[Non-text portions of this message have been removed]

8567. Re: [TS-850_450_690] Signalink USB cant hear audio

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-11-15 18:37:26 UTC
From: ka0nem
Topic: 8559 Message: 8567

My 450 has no audio from the mic jack... even if the manual pinout says it
does. Sorry charlie.

KA0NEM

On Sun, Nov 15, 2009 at 4:40 AM, Jonathan <kc7fys@...> wrote:

>
>
> Im setting up this USB device for use with PSK31, and I dont seem to be
> getting audio from my 8pin MIC jack. Am I correct that audio out is
> available on PIN 6?
> Jonathan KC7FYS
>
>
>

[Non-text portions of this message have been removed]

8568. Re: [TS-850_450_690] Signalink USB cant hear audio

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-11-15 19:32:45 UTC
From: Crownhaven
Topic: 8559 Message: 8568

I think you would be better off buying an interface cable designed for the Kenwood radio. You would use the ACC2 jack and it would make your life a lot simpler. I believe when you are feeding data to the radio via the mic jack, you have to bring the audio out of the jack on the back of the rig. I might be wrong though. The ACC2 jack is the way to go. I imagine the device manufacturer offers an interface cable.

Steve, N4JQQ

ka0nem wrote:
> My 450 has no audio from the mic jack... even if the manual pinout says it
> does. Sorry charlie.
>
> KA0NEM
>
>
> On Sun, Nov 15, 2009 at 4:40 AM, Jonathan <kc7fys@...> wrote:
>
>
>> Im setting up this USB device for use with PSK31, and I dont seem to be
>> getting audio from my 8pin MIC jack. Am I correct that audio out is
>> available on PIN 6?
>> Jonathan KC7FYS
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> [Non-text portions of this message have been removed]
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>
> THANKS FOR USING TS-850_450_690@...! Groups Links
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8569. Re: [TS-850_450_690] Signalink USB cant hear audio

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-11-15 19:32:51 UTC
From: KG5KS - Kenny Thompson
Topic: 8559 Message: 8569

Pin 6 is a NC "No Connection". There is only Mic Audio IN and NO Audio out on the Mic Connector. This is for a TS-450SAT and I will think it applies to most 8 pin mic connectors on Kenwood Radios.

Thank you
73
Kenny
ARS KG5KS

From: Jonathan <kc7fys@...>
To: TS-850_450_690@yahoogroups.com
Sent: Sun, November 15, 2009 6:40:25 AM
Subject: [TS-850_450_690] Signalink USB cant hear audio

Im setting up this USB device for use with PSK31, and I dont seem to be getting audio from my 8pin MIC jack. Am I correct that audio out is available on PIN 6?
Jonathan KC7FYS

[Non-text portions of this message have been removed]

8570. RE: [TS-850_450_690] Signalink USB cant hear audio

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-11-15 20:23:25 UTC
From: Richard Schmuke
Topic: 8559 Message: 8570

FYI , I have a Signalink USB and use their cable that plugs into the back of the radio and then leaves the mike jack open. No problems with it, I hooked it up and all worked fine.

Rich , KDØZZ

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com] On Behalf Of Jonathan
Sent: Sunday, November 15, 2009 6:40 AM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] Signalink USB cant hear audio

Im setting up this USB device for use with PSK31, and I dont seem to be getting audio from my 8pin MIC jack. Am I correct that audio out is available on PIN 6?
Jonathan KC7FYS

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 8.5.425 / Virus Database: 270.14.65/2502 - Release Date: 11/14/09 07:43:00

[Non-text portions of this message have been removed]

8571. Re: [TS-850_450_690] Signalink USB cant hear audio

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-11-15 20:28:09 UTC
From: Roland AH6RR
Topic: 8559 Message: 8571

Signalink does make a 13 pin din cable for the kenwood and the interface works great that way. I have one hooked to my 850 and Love it. So I would order one if I were you. I use it with DM780 (part of the Ham Radio Deluxe package).
73
Roland AH6RR

[Non-text portions of this message have been removed]

8572. Re: [TS-850_450_690] TS-850 ==> RTTY challenged

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-11-15 22:56:52 UTC
From: Gary K9GS
Topic: 8561 Message: 8572

Hello Dave,

This was the answer that I thought I'd hear. I like this idea since the receive audio is fixed.

Now....does anyone have a catalog number for the 13 pin accy plug? I'm really looking for something like from DigiKey/Mouser/Newark, etc....

73,

Gary K9GS
++
K9GS
Gary Schwartz email: k9gs (at) arrl.net
Check out K9NS on the web: http://www.k9ns.com
Society of Midwest Contesters (SMC) http://www.w9smc.com/
GMDXA http://www.eng.mu.edu/gmdxa/
++

----- Original Message -----
From: "Dave ve3wej" <ve3wej@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Sunday, November 15, 2009 12:02 PM
Subject: Re: [TS-850_450_690] TS-850 ==> RTTY challenged

> mine is wired to the 13 pin accy jack on the rear. this keeps me from
> switching back and forth, AND receive audio is fixed level, never changes,
> so volume (af) control can be down to the bottom
>
> ----- Original Message -----
> From: Gary K9GS
> To: TS-850_450_690@yahoogroups.com
> Sent: Sunday, November 15, 2009 12:08 PM
> Subject: [TS-850_450_690] TS-850 ==> RTTY challenged
>
>
>
> After some head scratching I need some advice. I've never made a RTTY QSO
> in my life but want to play around with RTTY and other digital modes like
> PSK. I have constructed a soundcard interface from Unified Microsystems
> (http://www.unifiedmicro.com/sci6.htm) and need some help on connecting
> to my 850.
>
> I rarely operate phone and need to know the best way to interface the
> soundcard interface to the 850. Should I just use the front panel mic and
> headphone jacks or should I use one of the back panel jacks on the 850?

> If
> so...which one? The sound card interface has a trim pot for adjusting the
> transmit audio and I assume the software running on the computer will
> allow
> you to adjust the audio coming from the radio to the computer?
>
> Finally....how should I handle the PTT?? Again, from panel mike jack or
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> of the rear panel connectors??
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> I realize I won't have FSK...only AFSK but that's the trade-off when you
> want to work the other digital modes...correct???
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> 73,
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> Gary K9GS
> ++
> K9GS
> Gary Schwartz email: k9gs (at) arrl.net
> Check out K9NS on the web: http://www.k9ns.com
> Society of Midwest Contesters (SMC) http://www.w9smc.com/
> GMDXA http://www.eng.mu.edu/gmdxa/
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> THANKS FOR USING TS-850_450_690@...! Groups Links
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8573. Re: [TS-850_450_690] TS-850 ==> RTTY challenged

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-11-16 00:10:22 UTC
From: Dave ve3wej
Topic: 8561 Message: 8573

any HAM dealer should have one check R & L, or universal radio

usually around 5-7 dollars each (U.S.) new

----- Original Message -----
From: Gary K9GS
To: TS-850_450_690@yahoogroups.com
Sent: Sunday, November 15, 2009 5:56 PM
Subject: Re: [TS-850_450_690] TS-850 ==> RTTY challenged

Hello Dave,

This was the answer that I thought I'd hear. I like this idea since the
receive audio is fixed.

Now....does anyone have a catalog number for the 13 pin accy plug? I'm
really looking for something like from DigiKey/Mouser/Newark, etc....

73,

Gary K9GS
++
K9GS
Gary Schwartz email: k9gs (at) arrl.net
Check out K9NS on the web: http://www.k9ns.com
Society of Midwest Contesters (SMC) http://www.w9smc.com/
GMDXA http://www.eng.mu.edu/gmdxa/
++

----- Original Message -----
From: "Dave ve3wej" <ve3wej@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Sunday, November 15, 2009 12:02 PM
Subject: Re: [TS-850_450_690] TS-850 ==> RTTY challenged

> mine is wired to the 13 pin accy jack on the rear. this keeps me from
> switching back and forth, AND receive audio is fixed level, never changes,
> so volume (af) control can be down to the bottom
>
> ----- Original Message -----
> From: Gary K9GS
> To: TS-850_450_690@yahoogroups.com
> Sent: Sunday, November 15, 2009 12:08 PM
> Subject: [TS-850_450_690] TS-850 ==> RTTY challenged
>
>
>

> After some head scratching I need some advice. I've never made a RTTY QSO
> in my life but want to play around with RTTY and other digital modes like
> PSK. I have constructed a soundcard interface from Unified Microsystems
> (http://www.unifiedmicro.com/sci6.htm) and need some help on connecting
> to my 850.
>
> I rarely operate phone and need to know the best way to interface the
> soundcard interface to the 850. Should I just use the front panel mic and
> headphone jacks or should I use one of the back panel jacks on the 850?
> If
> so...which one? The sound card interface has a trim pot for adjusting the
> transmit audio and I assume the software running on the computer will
> allow
> you to adjust the audio coming from the radio to the computer?
>
> Finally....how should I handle the PTT?? Again, from panel mike jack or
> one
> of the rear panel connectors??
>
> I realize I won't have FSK...only AFSK but that's the trade-off when you
> want to work the other digital modes...correct???
>
> 73,
>
> Gary K9GS
> ++
> K9GS
> Gary Schwartz email: k9gs (at) arrl.net
> Check out K9NS on the web: http://www.k9ns.com
> Society of Midwest Contesters (SMC) http://www.w9smc.com/
> GMDXA http://www.eng.mu.edu/gmdxa/
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> [Non-text portions of this message have been removed]
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> THANKS FOR USING TS-850_450_690@...! Groups Links
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[Non-text portions of this message have been removed]

8574. Re: [TS-850_450_690] TS-850 ==> RTTY challenged

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-11-15 23:43:36 UTC
From: KG5KS - Kenny Thompson
Topic: 8561 Message: 8574

http://www.buxcomm.com/catalog/index.php?main_page=index&cPath=3

I have bought items from Buck and looks like he handles what is needed.

Thank you
73
Kenny
ARS KG5KS

From: Gary K9GS <garyk9gs@...>
To: TS-850_450_690@yahoogroups.com
Sent: Sun, November 15, 2009 4:56:52 PM
Subject: Re: [TS-850_450_690] TS-850 ==> RTTY challenged

Hello Dave,

This was the answer that I thought I'd hear. I like this idea since the
receive audio is fixed.

Now....does anyone have a catalog number for the 13 pin accy plug? I'm
really looking for something like from DigiKey/Mouser/ Newark, etc....

73,

Gary K9GS
++++++++++++ +++++++++ +++++++++ +++++++++ +++++++++
K9GS
Gary Schwartz email: k9gs (at) arrl.net
Check out K9NS on the web: http://www.k9ns. com
Society of Midwest Contesters (SMC) http://www.w9smc. com/
GMDXA http://www.eng. mu.edu/gmdxa/
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----- Original Message -----
From: "Dave ve3wej" <ve3wej@gmail. com>
To: <TS-850_450_690@ yahoogroups. com>
Sent: Sunday, November 15, 2009 12:02 PM
Subject: Re: [TS-850_450_ 690] TS-850 ==> RTTY challenged

> mine is wired to the 13 pin accy jack on the rear. this keeps me from
> switching back and forth, AND receive audio is fixed level, never changes,
> so volume (af) control can be down to the bottom
>
> ----- Original Message -----
> From: Gary K9GS
> To: TS-850_450_690@ yahoogroups.. com

> Sent: Sunday, November 15, 2009 12:08 PM
> Subject: [TS-850_450_ 690] TS-850 ==> RTTY challenged
>
>
>
> After some head scratching I need some advice. I've never made a RTTY QSO
> in my life but want to play around with RTTY and other digital modes like
> PSK. I have constructed a soundcard interface from Unified Microsystems
> (http://www.unifiedm icro.com/ sci6.htm) and need some help on connecting
> to my 850.
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> I rarely operate phone and need to know the best way to interface the
> soundcard interface to the 850. Should I just use the front panel mic and
> headphone jacks or should I use one of the back panel jacks on the 850?
> If
> so...which one? The sound card interface has a trim pot for adjusting the
> transmit audio and I assume the software running on the computer will
> allow
> you to adjust the audio coming from the radio to the computer?
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> Finally....how should I handle the PTT?? Again, from panel mike jack or
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> of the rear panel connectors??
>
> I realize I won't have FSK...only AFSK but that's the trade-off when you
> want to work the other digital modes...correct? ??
>
> 73,
>
> Gary K9GS
> ++++++++++++ +++++++++ +++++++++ +++++++++ +++++++++
> K9GS
> Gary Schwartz email: k9gs (at) arrl.net
> Check out K9NS on the web: http://www.k9ns. com
> Society of Midwest Contesters (SMC) http://www.w9smc. com/
> GMDXA http://www.eng. mu.edu/gmdxa/
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> [Non-text portions of this message have been removed]
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> THANKS FOR USING TS-850_450_690@ YAHOOGROUPS. COMYahoo! Groups Links
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[Non-text portions of this message have been removed]

8575. Re: Signalink USB cant hear audio

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-11-16 12:23:06 UTC
From: Jonathan
Topic: 8559 Message: 8575

KD0ZZ, looks like you have the answer. I have that plug from a previous project and I could make up one for the Tigertronics.
How are your pins configured to the Tigertronics plug? It looks like I can use a regular PC network cable (without going up to the shack and looking).
Jonathan KC7FYS

--- In TS-850_450_690@yahoogroups.com, "Richard Schmuke" <rdj@...> wrote:
>
> FYI , I have a Signalink USB and use their cable that plugs into the back of
> the radio and then leaves the mike jack open. No problems with it, I hooked
> it up and all worked fine.
>
> Rich , KDØZZ
>
>
>
> From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
> On Behalf Of Jonathan
> Sent: Sunday, November 15, 2009 6:40 AM
> To: TS-850_450_690@yahoogroups.com
> Subject: [TS-850_450_690] Signalink USB cant hear audio
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>
> Im setting up this USB device for use with PSK31, and I dont seem to be
> getting audio from my 8pin MIC jack. Am I correct that audio out is
> available on PIN 6?
> Jonathan KC7FYS
>
>
>
> No virus found in this incoming message.
> Checked by AVG - www.avg.com
> Version: 8.5.425 / Virus Database: 270.14.65/2502 - Release Date: 11/14/09
> 07:43:00
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>
> [Non-text portions of this message have been removed]
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8576. TS850S with Tigerlink USB

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-11-16 12:20:03 UTC
From: Jonathan
Topic: 8576 Message: 8576

Sorry! It was silly of me to leave out the most obvious thing: what rig I am using.
Kenwood TS850S.
I ordered the "right" cable from Tigertronics, but don't get any audio information into the unit to send to the PC waterfall. I have been able to simply run headphone>PCs soundcard and I get great audio--but that's not how it's supposed to work, ha ha.
Any tips?
Jonathan KC7FYS

[Non-text portions of this message have been removed]

8577. TS850S with Tigerlink USB

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-11-16 16:21:45 UTC
From: Roland AH6RR
Topic: 8576 Message: 8577

Aloha Jonathan,
The 850 has no audio out at the Microphone plug in the front of the radio the only way to get audio out is thru the EXT. speaker/Headphones or the fixed audio level on ACC2 pin 3. and since Tigertronics has the cable pre-made all you have to do is set the jumpers in the Signalink. You might want to unplug the cable from the interface when using 40M SSB as mine has a bad RF feedback problem on 40M but I just unplug it and no more feedback. I just unplug it from the interface since that is the fastest way.
I have had a lot of fun using mine for the past couple of years. I have worked almost all the digital modes and CW with it.
Good Luck
Roland AH6RR

[Non-text portions of this message have been removed]

8578. Re: [TS-850_450_690] TS850S with Tigerlink USB

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-11-16 17:04:22 UTC
From: Crownhaven
Topic: 8576 Message: 8578

I am going off-topic here a little bit but I'm interested in the outboard sound card boxes like the Tigerlink USB. The idea of having volumn controls at my fingertips vs. having to dig into the computer's menu is attractive, especially if you are running different programs. Further, it is a hassle trying to deal with speakers, digital modes, etc. simultaneously.

Am I missing something here????? It looks like there are about four devices out there that accomplish this purpose.

Steve, N4JQQ

Thanks for your patience.

Roland AH6RR wrote:
>
> Aloha Jonathan,
> The 850 has no audio out at the Microphone plug in the front of the
> radio the only way to get audio out is thru the EXT.
> speaker/Headphones or the fixed audio level on ACC2 pin 3. and since
> Tigertronics has the cable pre-made all you have to do is set the
> jumpers in the Signalink. You might want to unplug the cable from the
> interface when using 40M SSB as mine has a bad RF feedback problem on
> 40M but I just unplug it and no more feedback. I just unplug it from
> the interface since that is the fastest way.
> I have had a lot of fun using mine for the past couple of years. I
> have worked almost all the digital modes and CW with it.
> Good Luck
> Roland AH6RR
>
> [Non-text portions of this message have been removed]
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8579. Re: [TS-850_450_690] TS850S with Tigerlink USB

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-11-16 17:17:26 UTC
From: Roland AH6RR
Topic: 8576 Message: 8579

Aloha Steve,
You cant go wrong with the Signalink USB by Tigertronics. It is a execellent choice for operation and price. Since it has it's own built-in sound card you wont get the Windows Sounds being broadcast on the bands. It is easy to use with any software and it is easy to set-up.
Have fun
Roland AH6RR
----- Original Message -----
From: "Crownhaven" <crownhaven@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Monday, November 16, 2009 7:04 AM
Subject: Re: [TS-850_450_690] TS850S with Tigerlink USB

>I am going off-topic here a little bit but I'm interested in the
> outboard sound card boxes like the Tigerlink USB. The idea of having
> volumn controls at my fingertips vs. having to dig into the computer's
> menu is attractive, especially if you are running different programs.
> Further, it is a hassle trying to deal with speakers, digital modes,
> etc. simultaneously.
>
> Am I missing something here????? It looks like there are about four
> devices out there that accomplish this purpose.
>
> Steve, N4JQQ
>
> Thanks for your patience.
>
> Roland AH6RR wrote:
>>
>> Aloha Jonathan,
>> The 850 has no audio out at the Microphone plug in the front of the
>> radio the only way to get audio out is thru the EXT.
>> speaker/Headphones or the fixed audio level on ACC2 pin 3. and since
>> Tigertronics has the cable pre-made all you have to do is set the
>> jumpers in the Signalink. You might want to unplug the cable from the
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>> 40M but I just unplug it and no more feedback. I just unplug it from
>> the interface since that is the fastest way.
>> I have had a lot of fun using mine for the past couple of years. I
>> have worked almost all the digital modes and CW with it.
>> Good Luck
>> Roland AH6RR
>>
>> [Non-text portions of this message have been removed]
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> THANKS FOR USING TS-850_450_690@...! Groups Links
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8580. Re: TS850S with Tigerlink USB

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-11-16 22:12:56 UTC
From: avvidclif
Topic: 8576 Message: 8580

I just got a Signalink USB and the matching cords for the 870 and 480. It was painless, AFTER I read the instructions, GRIN.... Seems to work fairly well.

Clif

--- In TS-850_450_690@yahoogroups.com, Crownhaven <crownhaven@...> wrote:
>
> I am going off-topic here a little bit but I'm interested in the
> outboard sound card boxes like the Tigerlink USB. The idea of having
> volumn controls at my fingertips vs. having to dig into the computer's
> menu is attractive, especially if you are running different programs.
> Further, it is a hassle trying to deal with speakers, digital modes,
> etc. simultaneously.
>
> Am I missing something here????? It looks like there are about four
> devices out there that accomplish this purpose.
>
> Steve, N4JQQ
>
> Thanks for your patience.
>
> Roland AH6RR wrote:
> >
> > Aloha Jonathan,
> > The 850 has no audio out at the Microphone plug in the front of the
> > radio the only way to get audio out is thru the EXT.
> > speaker/Headphones or the fixed audio level on ACC2 pin 3. and since
> > Tigertronics has the cable pre-made all you have to do is set the
> > jumpers in the Signalink. You might want to unplug the cable from the
> > interface when using 40M SSB as mine has a bad RF feedback problem on
> > 40M but I just unplug it and no more feedback. I just unplug it from
> > the interface since that is the fastest way.
> > I have had a lot of fun using mine for the past couple of years. I
> > have worked almost all the digital modes and CW with it.
> > Good Luck
> > Roland AH6RR
> >
> > [Non-text portions of this message have been removed]
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8581. Re: Just got one

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-11-17 04:35:49 UTC
From: dnrsupply
Topic: 8531 Message: 8581

Hi Bill...sorry for the delay...they said they shipped it in Friday(13th) so hopefully I'll get it this week some time! I could finally put the radio back together all the way!-Dallas.

--- In TS-850_450_690@yahoogroups.com, "Bill Price" <bill_k4flh@...> wrote:
>
> Hey Dallas
> Have you gotten you part from PacParts?
>
>
>
> ï»¿
> 73& God Bless
> Bill Price_K4FLH
>
> -------Original Message-------
>
> From: dnrsupply
> Date: 11/08/09 13:45:54
> To: TS-850_450_690@yahoogroups.com
> Subject: [TS-850_450_690] Re: Just got one
>
>
> Hello Bill, you can try Pacparts.com, the mic pot is # R05-3462-05, I
> ordered one over two weeks ago...they say they will definitely get them in
> this week! I hope so. I was able to adjust mine with a screwdriver for now
> and just leave it. This seems to happen a lot due to poor packing! Hope that
> helps Bill.-Dallas. Ki6pdi.
>
> --- In TS-850_450_690@yahoogroups.com, "hdbillder" <bill_k4flh@> wrote:
> >
> > I just was given a real nice TS-450.I was wanting to know if there are any
> inherent problems or other bug a boos I should look out for.
> > There is one item that needs immediate attention. The mic gain pot is
> broken,the shaft has been sheared off and I can't adjust the gain. Does
> anyone in the group have the PC board with the four pots that has the mic
> gain,etc., they would sell? Or does anyone know where I can buy one pot?
> > 73&God Bless
> > Bill
> >
>

8582. Re: TS-450S Power output variation

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-11-18 20:34:43 UTC
From: k6akr
Topic: 8556 Message: 8582

Good suggestions. I setup my newly acquired TS-450S into a 50 ohm dummy load with power determined by my calibrated LP-100. First are the results for the newly acquired TS-450S.
Freq(Mhz) Pwr(W) Supply Current(A)
1.8 62 13
3.5 87 16
7.0 102 16.5
10.1 112 16
14.2 120 20
18.1 122 20
21 125 20.5
24.9 104 16
28 84 16

In looking at this chart I note that while the power at both ends of the HF spectrum is down it is still more than adequate. But if there is a simple fix why not give it a try? It is also a good learning experience.

I own another TS-450S (an AT version) which has been my main HF rig for the past of couple of years and which has been working very well. For this rig I had the following results:
Freq Power Supply current
1.8 105 18.5
3.5 109 18.5
7 109 17
10.1 108 17
14.2 105 20
18.1 104 18
21 102 19
24.9 100 17
28 99 18

I used my oscilloscope to look at the input signal to the LPF board just after the RF amp on both xcvrs. You can quickly see why a LPF board is needed. The output of the RF amp is an ugly looking waveform. I also note that the LPF board attenuates the signal by differing amounts versus frequency which requires differing amounts of drive to compensate. From studying the service manual I am going to try the following steps:

1. Measure and adjust standby ALC voltage is necessary
2. Adjust VSF as needed to limit output power to approx. 100 watts at 14.2 Mhz.
3. Adjust VSR as/if needed for correct power limiting as SWR increases
4. Adjust freq compensation as/if needed in the SWR bridge on the LPF board that drives the differential amplifier that forms part of the ALC.

These look to be fairly simple adjustments to make. The new rig seems to really cut back power as I varied the SWR (I changed the length of the drive element on my steppir beam to do this) so it looks like that the VSR will need to be corrected. It may very well be that I am seeing several problems at once for which I will need to work my way through. On both

rigs I noted that the onboard SWR indication is much lower that the true SWR from the LP-100 (cabling will make a bit of difference here but not enough to account for the difference in indicated vs. measured SWR).

If this doesnt adequately correct the problem I will have to look deeper into the CAR board and study how the rig internally adjusts the drive versus frequency to compensate for the varying amounts of attenuation by the LPF.

Any further suggestions, thoughts etc. will be much appreciated.

73, Art K6AKR

--- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@...> wrote:
>
> Start by making a chart.
>
> Band Power out SWR Current drawn
>
> Also leave the tuner out of line. The chart will tell you if it's a LPF problem or an SWR circuit problem.
>
> Did it just start doing this?
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "k6akr" <akr@> wrote:
> >
> > My TS-450S generates a wide variation in output power over the different operating bands. I tested it into a dummy load using a known good watt meter and found that the CW output power level varied from approx. 50 watts on 160M up to 120 watts on 20M and back to 50 watts on 10M. Also looks like the rig's SWR indication is out of whack which may be causing the problem or at least lead in the direction of the problem. Anyone see this behavior before? Any good ideas on where to start looking? I own a o'scope so I can do some diagnostic work. I am hoping someone has seen this before and can point me in the right direction.
> >
> > Thanks, Art K6AKR
> >
>

8583. Re: TS-450S Power output variation

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-11-18 23:41:31 UTC
From: avvidclif
Topic: 8556 Message: 8583

Do the null adjustment, Pg 124 step 7 in the manual. That will probably take care of it.

No manual, take the cover off the final and look at the filter unit. Locate TC-1. Now find CN8 Pin 1. Go to 3.5 MHz Cw mode and turn the power down to 10w using the power control. When keyed adjust TC-1 for a minimum dc voltage, it will be in the millivolt range, measured at CN8-1.

Try the power checks again. If still bad you may have to adjust the SWR circuit.

Clif

--- In TS-850_450_690@yahoogroups.com, "k6akr" <akr@...> wrote:
>
> Good suggestions. I setup my newly acquired TS-450S into a 50 ohm dummy load with power determined by my calibrated LP-100. First are the results for the newly acquired TS-450S.
> Freq(Mhz) Pwr(W) Supply Current(A)
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> 14.2 120 20
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> In looking at this chart I note that while the power at both ends of the HF spectrum is down it is still more than adequate. But if there is a simple fix why not give it a try? It is also a good learning experience.
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>
> I own another TS-450S (an AT version) which has been my main HF rig for the past of couple of years and which has been working very well. For this rig I had the following results:
> Freq Power Supply current
> 1.8 105 18.5
> 3.5 109 18.5
> 7 109 17
> 10.1 108 17
> 14.2 105 20
> 18.1 104 18
> 21 102 19
> 24.9 100 17
> 28 99 18
>
> I used my oscilloscope to look at the input signal to the LPF board just after the RF amp

on both xcvrs. You can quickly see why a LPF board is needed. The output of the RF amp is an ugly looking waveform. I also note that the LPF board attenuates the signal by differing amounts versus frequency which requires differing amounts of drive to compensate. From studying the service manual I am going to try the following steps:
>
> 1. Measure and adjust standby ALC voltage is necessary
> 2. Adjust VSF as needed to limit output power to approx. 100 watts at 14.2 Mhz.
> 3. Adjust VSR as/if needed for correct power limiting as SWR increases
> 4. Adjust freq compensation as/if needed in the SWR bridge on the LPF board that drives the differential amplifier that forms part of the ALC.
>
> These look to be fairly simple adjustments to make. The new rig seems to really cut back power as I varied the SWR (I changed the length of the drive element on my steppir beam to do this) so it looks like that the VSR will need to be corrected. It may very well be that I am seeing several problems at once for which I will need to work my way through. On both rigs I noted that the onboard SWR indication is much lower that the true SWR from the LP-100 (cabling will make a bit of difference here but not enough to account for the difference in indicated vs. measured SWR).
>
> If this doesnt adequately correct the problem I will have to look deeper into the CAR board and study how the rig internally adjusts the drive versus frequency to compensate for the varying amounts of attenuation by the LPF.
>
> Any further suggestions, thoughts etc. will be much appreciated.
>
> 73, Art K6AKR
>
>
> --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> >
> > Start by making a chart.
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> > Band Power out SWR Current drawn
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> >
> > Did it just start doing this?
> >
> > Clif
> >
> > --- In TS-850_450_690@yahoogroups.com, "k6akr" <akr@> wrote:
> > >
> > > My TS-450S generates a wide variation in output power over the different operating bands. I tested it into a dummy load using a known good watt meter and found that the CW output power level varied from approx. 50 watts on 160M up to 120 watts on 20M and back to 50 watts on 10M. Also looks like the rig's SWR indication is out of whack which may be causing the problem or at least lead in the direction of the problem. Anyone see this behavior before? Any good ideas on where to start looking? I own a o'scope so I can do some diagnostic work. I am hoping someone has seen this before and can point me in the right direction.

> > >
> > > Thanks, Art K6AKR
> > >
> >
>

8584. Re: Just got one

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-11-19 00:05:16 UTC
From: dnrsupply
Topic: 8531 Message: 8584

Bill, the mic pot came in today Wed 18th. I installed and all is good! ki6pdi.

--- In TS-850_450_690@yahoogroups.com, "dnrsupply" <dnrsupply@...> wrote:
>
> Hi Bill...sorry for the delay...they said they shipped it in Friday(13th) so hopefully I'll get it this week some time! I could finally put the radio back together all the way!-Dallas.
>
> --- In TS-850_450_690@yahoogroups.com, "Bill Price" <bill_k4flh@> wrote:
> >
> > Hey Dallas
> > Have you gotten you part from PacParts?
> >
> >
> >
> > ï»¿
> > 73& God Bless
> > Bill Price_K4FLH
> >
> > -------Original Message-------
> >
> > From: dnrsupply
> > Date: 11/08/09 13:45:54
> > To: TS-850_450_690@yahoogroups.com
> > Subject: [TS-850_450_690] Re: Just got one
> >
> >
> > Hello Bill, you can try Pacparts.com, the mic pot is # R05-3462-05, I
> > ordered one over two weeks ago...they say they will definitely get them in
> > this week! I hope so. I was able to adjust mine with a screwdriver for now
> > and just leave it. This seems to happen a lot due to poor packing! Hope that
> > helps Bill.-Dallas. Ki6pdi.
> >
> > --- In TS-850_450_690@yahoogroups.com, "hdbillder" <bill_k4flh@> wrote:
> > >
> > > I just was given a real nice TS-450.I was wanting to know if there are any
> > inherent problems or other bug a boos I should look out for.
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> > broken,the shaft has been sheared off and I can't adjust the gain. Does
> > anyone in the group have the PC board with the four pots that has the mic
> > gain,etc., they would sell? Or does anyone know where I can buy one pot?
> > > 73&God Bless
> > > Bill
> > >
> >

>

8585. 850 tuning step

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-11-19 01:11:11 UTC
From: n0sya
Topic: 8585 Message: 8585

Hi

Anyone know if there is any way to get a 1kc tuning step in ssb in the 850?

Chris

8586. Re: [TS-850_450_690] 850 tuning step

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-11-19 01:30:10 UTC
From: Jesus Dominguez Jr
Topic: 8585 Message: 8586

did you try the fine (8 on keypad).

From: n0sya <n0sya@...>
To: TS-850_450_690@yahoogroups.com
Sent: Wed, November 18, 2009 7:11:11 PM
Subject: [TS-850_450_690] 850 tuning step

Hi

Anyone know if there is any way to get a 1kc tuning step in ssb in the 850?

Chris

[Non-text portions of this message have been removed]

8587. RE: [TS-850_450_690] 850 tuning step

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-11-19 01:54:08 UTC
From: Steve
Topic: 8585 Message: 8587

1kc or 1Hz ?

Thanks,
Steve Restinetti
VA3FM / VE3SFV
va3fm@...
ve3sfv@...

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com] On Behalf Of Jesus Dominguez Jr
Sent: Wednesday, November 18, 2009 8:30 PM
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] 850 tuning step

did you try the fine (8 on keypad).

From: n0sya <n0sya@... <mailto:n0sya%40yahoo.com> >
To: TS-850_450_690@yahoogroups.com <mailto:TS-850_450_690%40yahoogroups.com>
Sent: Wed, November 18, 2009 7:11:11 PM
Subject: [TS-850_450_690] 850 tuning step

Hi

Anyone know if there is any way to get a 1kc tuning step in ssb in the 850?

Chris

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

8588. TS850S IMD measurements

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-11-19 09:09:01 UTC
From: Patrick Egloff
Topic: 8588 Message: 8588

Hello, Has anyone made two tone tests on an TS850S ?

I bought another one, 2 weeks ago and had bad modulation reports. I realigned all the TX and made some IMD measures.
If good at low level up to 50W (-33dB) , they get worse at higher level and with a -17dB at full power.

73, Patrick

--
Patrick Egloff - TK5EP
email : pegloff@...
Web page : http://tk5ep.free.fr

[Non-text portions of this message have been removed]

8589. Re: 850 tuning step

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-11-19 15:36:19 UTC
From: n0sya
Topic: 8585 Message: 8589

Hi guys

I am looking for a 1 kilohertz tuning step, and I fear that this is not something the 850 can do.

Chris

8590. Re: TS850S IMD measurements

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-11-19 15:41:03 UTC
From: n0sya
Topic: 8588 Message: 8590

--- In TS-850_450_690@yahoogroups.com, Patrick Egloff <pegloff@...> wrote:
>
> Hello, Has anyone made two tone tests on an TS850S ?
>
> I bought another one, 2 weeks ago and had bad modulation reports. I
> realigned all the TX and made some IMD measures.
> If good at low level up to 50W (-33dB) , they get worse at higher level and
> with a -17dB at full power.
>
> 73, Patrick
>
>
> --
> Patrick Egloff - TK5EP
> email : pegloff@...
> Web page : http://tk5ep.free.fr

Hi Patrick
The 850 seems to have very poor imd on tx at rated power per the qst review. I wonder if a final swap of some type would make the rig cleaner? Or maybe tuning the bias a bit better. Other 12v final rigs have great imd, the IC765 for one.

Running just a bit under 100w and with no alc indicated is probably the way to get a clean output with a stock 850.

Chris

8591. Re: [TS-850_450_690] Re: 850 tuning step

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-11-19 15:55:34 UTC
From: Zack Widup
Topic: 8585 Message: 8591

I don't think there is a way to make the tuning wider than the basic 10 Hz steps using the tuning knob on SSB/CW. You can, however, set the M.CH/VFO.CH knob to provide 1 kHz steps in tuning. See Option 03 under the "Power On Function Selection" section 4-10-15 on page 35 of the instruction manual.

73, Zack W9SZ

On Thu, Nov 19, 2009 at 9:36 AM, n0sya <n0sya@...> wrote:

>
>
> Hi guys
>
> I am looking for a 1 kilohertz tuning step, and I fear that this is not
> something the 850 can do.
>
> Chris
>
>
>

[Non-text portions of this message have been removed]

8592. Re: [TS-850_450_690] Re: TS850S IMD measurements

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-11-19 15:56:24 UTC
From: Paul Manuel
Topic: 8588 Message: 8592

--- On Thu, 11/19/09, n0sya <n0sya@...> wrote:
> The 850 seems to have very poor imd on tx at rated power
> per the qst review. I wonder if a final swap of some type
> would make the rig cleaner? Or maybe tuning the bias a bit
> better. Other 12v final rigs have great imd, the IC765 for
> one.

QST did criticize the 850 for its transmit IMD, but it tested it to be -28dB, worst case. That's a lot better than -17db, and actually puts it in the range of many of the rigs that have come along in later years, which are no longer criticized in the reviews. For instance, worst case IMD for the ICOM IC-746 was -23dB.

I've never heard an 850 that sounded bad, regardless of what the tests say, unless there was a problem with the rig. And I've worked many, many of them, and owned one, since 1991.

73, Paul K4PDM

8593. Re: [TS-850_450_690] Re: 850 tuning step

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-11-19 17:45:50 UTC
From: John Kuklewicz N7ZN
Topic: 8585 Message: 8593

You could use the M/CH knob. This will tune the 850 in 1 kHz steps
(integer freq only).

Probably not what you are looking for.

Or, are you looking for 1kHz per knob revolution?

73; John N7ZN

n0sya wrote:
> Hi guys
>
> I am looking for a 1 kilohertz tuning step, and I fear that this is not something the 850 can do.
>
> Chris
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>
>

--
"If every Jewish and anti-Nazi family in Germany had owned a Mauser
rifle and twenty rounds of ammunition AND THE WILL TO USE IT Adolf
Hitler would be a little-known footnote to the history of the Weimar
Republic." - Aaron Zelman, JPFO
http://www.jpfo.org/

8594. TS-450S/AT For Sale

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-11-19 21:36:35 UTC
From: Pass Sport
Topic: 5458 Message: 8594

Greetings,
I have been lurking here for some time and was able to acquire a used TS-2000. I need to sell the 450 and stock microphone to pay for the TS-2000. I'm asking $500--it's in good shape (great shape except the memory knob is flakey). I have made contacts in Florida and Hawaii from here in California. It's my first HF rig and was used when I purchased it. If you would like more details please email me at mrpasssport<at>yahoo<dot>com. I subscribe to the digest so expect a delay of at least a day or two if you respond to the list. (I also have a PS-50 power supply)
Thanks,
Steven
KI6MYE

8595. Re: [TS-850_450_690] Re: 850 tuning step

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-11-20 00:00:30 UTC
From: Dave ve3wej
Topic: 8585 Message: 8595

the 850 has 2 digits after the khz digits, as in 7.044.00 can I ask why you need a third, or am I misunderstanding you question

----- Original Message -----
From: n0sya
To: TS-850_450_690@yahoogroups.com
Sent: Thursday, November 19, 2009 10:36 AM
Subject: [TS-850_450_690] Re: 850 tuning step

Hi guys

I am looking for a 1 kilohertz tuning step, and I fear that this is not something the 850 can do.

Chris

[Non-text portions of this message have been removed]

8596. Re: [TS-850_450_690] Re: 850 tuning step

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-11-20 02:27:21 UTC
From: Zack Widup
Topic: 8585 Message: 8596

I think he wants to be able to tune in 1 kHz increments, faster than the
tuning knob allows you to tune.

73, Zack W9SZ

On Thu, Nov 19, 2009 at 6:00 PM, Dave ve3wej <ve3wej@...> wrote:

>
>
> the 850 has 2 digits after the khz digits, as in 7.044.00 can I ask why you
> need a third, or am I misunderstanding you question
>
>
> ----- Original Message -----
> From: n0sya
> To: TS-850_450_690@yahoogroups.com <TS-850_450_690%40yahoogroups.com>
> Sent: Thursday, November 19, 2009 10:36 AM
> Subject: [TS-850_450_690] Re: 850 tuning step
>
> Hi guys
>
> I am looking for a 1 kilohertz tuning step, and I fear that this is not
> something the 850 can do.
>
> Chris
>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

8597. Re: TS-450S Power output variation

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-11-20 05:26:16 UTC
From: k6akr
Topic: 8556 Message: 8597

I did the following adjustments as described on page 124 and 125 of the service manual for the TS-450S:
ALC null
ALC
ALC freq response
MIN power
and I adjusted the power meter display and the SWR power limiting.

The rig now puts out a min of 94 watts to a max of 104 watts from 160M to 10M.

Thank you for your suggestions and encouragement.

73, Art K6AKR

--- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@...> wrote:
>
> Do the null adjustment, Pg 124 step 7 in the manual. That will probably take care of it.
>
> No manual, take the cover off the final and look at the filter unit. Locate TC-1. Now find CN8 Pin 1. Go to 3.5 MHz Cw mode and turn the power down to 10w using the power control. When keyed adjust TC-1 for a minimum dc voltage, it will be in the millivolt range, measured at CN8-1.
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> >
> > Good suggestions. I setup my newly acquired TS-450S into a 50 ohm dummy load with power determined by my calibrated LP-100. First are the results for the newly acquired TS-450S.
> > Freq(Mhz) Pwr(W) Supply Current(A)
> > 1.8 62 13
> > 3.5 87 16
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> > In looking at this chart I note that while the power at both ends of the HF spectrum is down it is still more than adequate. But if there is a simple fix why not give it a try? It is also a good learning experience.
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> > I own another TS-450S (an AT version) which has been my main HF rig for the past of couple of years and which has been working very well. For this rig I had the following results:
> > Freq Power Supply current
> > 1.8 105 18.5
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> > 28 99 18
> >
> > I used my oscilloscope to look at the input signal to the LPF board just after the RF amp on both xcvrs. You can quickly see why a LPF board is needed. The output of the RF amp is an ugly looking waveform. I also note that the LPF board attenuates the signal by differing amounts versus frequency which requires differing amounts of drive to compensate. From studying the service manual I am going to try the following steps:
> >
> > 1. Measure and adjust standby ALC voltage is necessary
> > 2. Adjust VSF as needed to limit output power to approx. 100 watts at 14.2 Mhz.
> > 3. Adjust VSR as/if needed for correct power limiting as SWR increases
> > 4. Adjust freq compensation as/if needed in the SWR bridge on the LPF board that drives the differential amplifier that forms part of the ALC.
> >
> > These look to be fairly simple adjustments to make. The new rig seems to really cut back power as I varied the SWR (I changed the length of the drive element on my steppir beam to do this) so it looks like that the VSR will need to be corrected. It may very well be that I am seeing several problems at once for which I will need to work my way through. On both rigs I noted that the onboard SWR indication is much lower that the true SWR from the LP-100 (cabling will make a bit of difference here but not enough to account for the difference in indicated vs. measured SWR).
> >
> > If this doesnt adequately correct the problem I will have to look deeper into the CAR board and study how the rig internally adjusts the drive versus frequency to compensate for the varying amounts of attenuation by the LPF.
> >
> > Any further suggestions, thoughts etc. will be much appreciated.
> >
> > 73, Art K6AKR
> >
> >
> > --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> > >
> > > Start by making a chart.
> > >
> > > Band Power out SWR Current drawn
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> > > Also leave the tuner out of line. The chart will tell you if it's a LPF problem or an SWR circuit problem.
> > >
> > > Did it just start doing this?
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> > >
> > > --- In TS-850_450_690@yahoogroups.com, "k6akr" <akr@> wrote:
> > > >
> > > > My TS-450S generates a wide variation in output power over the different operating bands. I tested it into a dummy load using a known good watt meter and found that the CW output power level varied from approx. 50 watts on 160M up to 120 watts on 20M and back to 50 watts on 10M. Also looks like the rig's SWR indication is out of whack which may be causing the problem or at least lead in the direction of the problem. Anyone see this behavior before? Any good ideas on where to start looking? I own a o'scope so I can do some diagnostic work. I am hoping someone has seen this before and can point me in the right direction.
> > > >
> > > > Thanks, Art K6AKR
> > > >
> > > >
> > >
>

8598. Re: 850 tuning step

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-11-20 13:20:54 UTC
From: n0sya
Topic: 8585 Message: 8598

" Re: 850 tuning step
Posted by: "Zack Widup" w9sz.zack@... w9sz
Date: Thu Nov 19, 2009 6:27 pm ((PST))

I think he wants to be able to tune in 1 kHz increments, faster than the
tuning knob allows you to tune.

73, Zack W9SZ"

This is precisely what I am looking for... and most every other pll rig has provisions for this, oddly enough. I could use the mem knob but I fear it wont last long in that use. Much rather use the vfo but I see there's no way to step in 1kc increments. I want 1kc as most every station is on a whole kc, not .05 or whatever. Makes bandscanning much better. And when I say bandscanning I mean an excursion from mw to 30mHz. Guess I will settle on 5kc via mem knob till it falls off. Thanks for the replies.

Chris

8599. Needing filters for SSB and Digital "non CW" for Kenwood TS-450SAT

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-11-20 05:58:10 UTC
From: KG5KS - Kenny Thompson
Topic: 8599 Message: 8599

I thought that perhaps some one in this group might have filters for SSB and Digital "non CW" that they might part with ? Please contact me off list at kg5ks@... I'm running a Kenwood TS-450SAT radio.

Thank you
73
Kenny
ARS KG5KS

[Non-text portions of this message have been removed]

8600. Re: [TS-850_450_690] Re: 850 tuning step

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-11-20 14:24:09 UTC
From: Zack Widup
Topic: 8585 Message: 8600

Hi Chris,

Follow this procedure:

1) Press and hold the LSB/USB key while turning the power button on.

2) A number will appear in the display.

3) Rotate the M.CH/VFO.CH knob until the number 03 appears.

4) Push the UP or DOWN buttons until the number in the center of the display reads 1 kHz.

5) Turn the power off and turn it on again.

Now the M.CH/VFO.CH knob will step in 1 kHz steps. Once you find the signal you want you can use the main tuning knob to fine-tune it.

I don't know how many turns these switches are rated at but I haven't worn mine out yet.

73, Zack W9SZ

On Fri, Nov 20, 2009 at 7:20 AM, n0sya <n0sya@...> wrote:

>
>
> " Re: 850 tuning step
> Posted by: "Zack Widup" w9sz.zack@... <w9sz.zack%40gmail.com> w9sz
> Date: Thu Nov 19, 2009 6:27 pm ((PST))
>
>
> I think he wants to be able to tune in 1 kHz increments, faster than the
> tuning knob allows you to tune.
>
> 73, Zack W9SZ"
>
> This is precisely what I am looking for... and most every other pll rig has
> provisions for this, oddly enough. I could use the mem knob but I fear it
> wont last long in that use. Much rather use the vfo but I see there's no way
> to step in 1kc increments. I want 1kc as most every station is on a whole
> kc, not .05 or whatever. Makes bandscanning much better. And when I say
> bandscanning I mean an excursion from mw to 30mHz. Guess I will settle on
> 5kc via mem knob till it falls off. Thanks for the replies.
>
> Chris
>
>

>

[Non-text portions of this message have been removed]

8601. TS-450S no output, infinity SWR value

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-11-21 05:45:47 UTC
From: Ron K6KYJ
Topic: 8601 Message: 8601

I have a Kenwood TS-450S (w/o the internal tuner). I am at least the third owner of this transceiver. The follow situation has now occurred four times; the first three occurrences, the problem self-corrected. It is now persistent after the fourth occurrence.
The problem. During normal operation, in both cw and ssb mode, the rig suddenly produces zero measureable output AND the SWR display presents a bar fully to the right (infinity SWR).

During all four occurrences, I immediately checked to see if a load was present; at all times, there was a valid load (antennas that presented SWR readings of less than 1.5:1). After each occurrence, the rig was immediately connected to a dummy load and the infinity SWR reading was still displayed.

As previously mentioned, the problem self-corrected after the first three occurrences. I have no valid explanation for the rig returning to normal operation. The obviously tricks and black magic have been tried (touch, tap & whack etc.). Currently, I am trying to trace continuity from the SO-230 to the FILTER network. As soon as I can get an RF probe built, I will begin trying to trace the RF path from the FINAL circuit board. All tests that I have done after output failure are done with the lowest possible setting of the CARRIER and POWER controls.

Any advice would be appreciated. My purchase price was $125 since the rig's history is pretty long. I am not sure how much I want to commit to having it commercially repaired. My background is geography, so I don't pretend to be an electronics whiz. (I grew up building vacuum tube rigs.)

My personal suspicion is a bad solder joint somewhere or an intermittent connector.

Thanks in advance.

Ron K6KYJ
Chico CA

8602. Re: 850 tuning step

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-11-21 13:47:39 UTC
From: n0sya
Topic: 8585 Message: 8602

--- In TS-850_450_690@yahoogroups.com, Zack Widup <w9sz.zack@...> wrote:
>
> Hi Chris,
>
> Follow this procedure:
>
> 1) Press and hold the LSB/USB key while turning the power button on.
>
> 2) A number will appear in the display.
>
> 3) Rotate the M.CH/VFO.CH knob until the number 03 appears.
>
> 4) Push the UP or DOWN buttons until the number in the center of the display
> reads 1 kHz.
>
> 5) Turn the power off and turn it on again.
>
> Now the M.CH/VFO.CH knob will step in 1 kHz steps. Once you find the signal
> you want you can use the main tuning knob to fine-tune it.
>
> I don't know how many turns these switches are rated at but I haven't worn
> mine out yet.
>
> 73, Zack W9SZ
>

Thanks Zack, will give this a try.

Chris

8603. Re: 850 tuning step

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-11-21 14:34:43 UTC
From: birchardvilleobservatory
Topic: 8585 Message: 8603

Zack, Chris...

I thought I knew that the M.CH knob is actually an encoder with a detent so there may not be a mechanical contact issue. At the same time, a while ago several people here were looking for replacement encoders for the M.CH function.

Dan AA3LS

--- In TS-850_450_690@yahoogroups.com, Zack Widup <w9sz.zack@...> wrote:
>
> Hi Chris,
>
> Follow this procedure:
>
> 1) Press and hold the LSB/USB key while turning the power button on.
>
> 2) A number will appear in the display.
>
> 3) Rotate the M.CH/VFO.CH knob until the number 03 appears.
>
> 4) Push the UP or DOWN buttons until the number in the center of the display
> reads 1 kHz.
>
> 5) Turn the power off and turn it on again.
>
> Now the M.CH/VFO.CH knob will step in 1 kHz steps. Once you find the signal
> you want you can use the main tuning knob to fine-tune it.
>
> I don't know how many turns these switches are rated at but I haven't worn
> mine out yet.
>
> 73, Zack W9SZ
>
> On Fri, Nov 20, 2009 at 7:20 AM, n0sya <n0sya@...> wrote:
>
> >
> >
> > " Re: 850 tuning step
> > Posted by: "Zack Widup" w9sz.zack@... <w9sz.zack%40gmail.com> w9sz
> > Date: Thu Nov 19, 2009 6:27 pm ((PST))
> >
> >
> > I think he wants to be able to tune in 1 kHz increments, faster than the
> > tuning knob allows you to tune.
> >
> > 73, Zack W9SZ"

> >
> > This is precisely what I am looking for... and most every other pll rig has
> > provisions for this, oddly enough. I could use the mem knob but I fear it
> > wont last long in that use. Much rather use the vfo but I see there's no way
> > to step in 1kc increments. I want 1kc as most every station is on a whole
> > kc, not .05 or whatever. Makes bandscanning much better. And when I say
> > bandscanning I mean an excursion from mw to 30mHz. Guess I will settle on
> > 5kc via mem knob till it falls off. Thanks for the replies.
> >
> > Chris
> >
> >
> >
>
>
> [Non-text portions of this message have been removed]
>

8604. Re: [TS-850_450_690] TS-450S no output, infinity SWR value

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-11-21 14:38:41 UTC
From: Zack Widup
Topic: 8601 Message: 8604

Hi Ron,

Does it do this on all bands? And did you connect an external SWR/power meter to show if it was actually putting out power?

If it isn't, I'm guessing a bad solder connection or relay somewhere.

73, Zack W9SZ

On Fri, Nov 20, 2009 at 11:45 PM, Ron K6KYJ <k6kyj@...> wrote:

>
>
> I have a Kenwood TS-450S (w/o the internal tuner). I am at least the third
> owner of this transceiver. The follow situation has now occurred four times;
> the first three occurrences, the problem self-corrected. It is now
> persistent after the fourth occurrence.
> The problem. During normal operation, in both cw and ssb mode, the rig
> suddenly produces zero measureable output AND the SWR display presents a bar
> fully to the right (infinity SWR).
>
> During all four occurrences, I immediately checked to see if a load was
> present; at all times, there was a valid load (antennas that presented SWR
> readings of less than 1.5:1). After each occurrence, the rig was immediately
> connected to a dummy load and the infinity SWR reading was still displayed.
>
> As previously mentioned, the problem self-corrected after the first three
> occurrences. I have no valid explanation for the rig returning to normal
> operation. The obviously tricks and black magic have been tried (touch, tap
> & whack etc.). Currently, I am trying to trace continuity from the SO-230 to
> the FILTER network. As soon as I can get an RF probe built, I will begin
> trying to trace the RF path from the FINAL circuit board. All tests that I
> have done after output failure are done with the lowest possible setting of
> the CARRIER and POWER controls.
>
> Any advice would be appreciated. My purchase price was $125 since the rig's
> history is pretty long. I am not sure how much I want to commit to having it
> commercially repaired. My background is geography, so I don't pretend to be
> an electronics whiz. (I grew up building vacuum tube rigs.)
>
> My personal suspicion is a bad solder joint somewhere or an intermittent
> connector.
>
> Thanks in advance.
>
> Ron K6KYJ

> Chico CA
>
>
>

[Non-text portions of this message have been removed]

8605. Re: [TS-850_450_690] Re: 850 tuning step

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-11-21 14:47:28 UTC
From: Zack Widup
Topic: 8585 Message: 8605

The Realistic HTX-100 also uses an encoder with detents for its
main tuning but I've worn out a couple already. The detents start wearing
down or something.

It's gotten a LOT of use - that (modified) HTX-100 is my IF rig for
VHF/UHF/microwave transverters.
I don't think it's difficult to replace that M.CH control once you get your
hands on one.

73, Zack W9SZ

On Sat, Nov 21, 2009 at 8:34 AM, birchardvilleobservatory <
birchardvilleobservatory@yahoo.com> wrote:

>
>
> Zack, Chris...
>
> I thought I knew that the M.CH <http://m.ch/> knob is actually an encoder
> with a detent so there may not be a mechanical contact issue. At the same
> time, a while ago several people here were looking for replacement encoders
> for the M.CH <http://m.ch/> function.
>
> Dan AA3LS
>
>
> --- In TS-850_450_690@yahoogroups.com <TS-850_450_690%40yahoogroups.com>,
> Zack Widup <w9sz.zack@...> wrote:
> >
> > Hi Chris,
> >
> > Follow this procedure:
> >
> > 1) Press and hold the LSB/USB key while turning the power button on.
> >
> > 2) A number will appear in the display.
> >
> > 3) Rotate the M.CH/VFO.CH <http://m.ch/VFO.CH> knob until the number 03
> appears.
> >
> > 4) Push the UP or DOWN buttons until the number in the center of the
> display
> > reads 1 kHz.
> >
> > 5) Turn the power off and turn it on again.
> >

> > Now the M.CH/VFO.CH <http://m.ch/VFO.CH> knob will step in 1 kHz steps.
> Once you find the signal
> > you want you can use the main tuning knob to fine-tune it.
> >
> > I don't know how many turns these switches are rated at but I haven't
> worn
> > mine out yet.
> >
> > 73, Zack W9SZ
> >
> > On Fri, Nov 20, 2009 at 7:20 AM, n0sya <n0sya@...> wrote:
> >
> > >
> > >
> > > " Re: 850 tuning step
> > > Posted by: "Zack Widup" w9sz.zack@... <w9sz.zack%40gmail.com> w9sz
> >
> > > Date: Thu Nov 19, 2009 6:27 pm ((PST))
> > >
> > >
> > > I think he wants to be able to tune in 1 kHz increments, faster than
> > the
> > > tuning knob allows you to tune.
> > >
> > > 73, Zack W9SZ"
> > >
> > > This is precisely what I am looking for... and most every other pll rig
> > has
> > > provisions for this, oddly enough. I could use the mem knob but I fear
> > it
> > > wont last long in that use. Much rather use the vfo but I see there's
> > no way
> > > to step in 1kc increments. I want 1kc as most every station is on a
> > whole
> > > kc, not .05 or whatever. Makes bandscanning much better. And when I say
> > > bandscanning I mean an excursion from mw to 30mHz. Guess I will settle
> > on
> > > 5kc via mem knob till it falls off. Thanks for the replies.
> > >
> > > Chris
> > >
> > >
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> > > [Non-text portions of this message have been removed]
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> >
> >

[Non-text portions of this message have been removed]

8606. Re: TS-450S no output, infinity SWR value

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-11-21 17:18:41 UTC
From: Ron K6KYJ
Topic: 8601 Message: 8606

Yes, across all bands into the dummy load and with an external power/SWR meter. Not even showing a watt of output. As soon as I can rig an RF probe, I will check to see if there is any signal at all into the filter circuit board. Working backwards from the SO-239 does not show any obvious faults in the signal path into the filter board.

Now, its time to wire up a microphone for my TS-820S...sadly, Sweepstakes has a SSB weekend also.

--- In TS-850_450_690@yahoogroups.com, Zack Widup <w9sz.zack@...> wrote:
>
> Hi Ron,
>
> Does it do this on all bands? And did you connect an external SWR/power
> meter to show if it was actually putting out power?
>
> If it isn't, I'm guessing a bad solder connection or relay somewhere.
>
> 73, Zack W9SZ
>
> On Fri, Nov 20, 2009 at 11:45 PM, Ron K6KYJ <k6kyj@...> wrote:
>
> >
> >
> > I have a Kenwood TS-450S (w/o the internal tuner). I am at least the third
> > owner of this transceiver. The follow situation has now occurred four times;
> > the first three occurrences, the problem self-corrected. It is now
> > persistent after the fourth occurrence.
> > The problem. During normal operation, in both cw and ssb mode, the rig
> > suddenly produces zero measureable output AND the SWR display presents a bar
> > fully to the right (infinity SWR).
> >
> > During all four occurrences, I immediately checked to see if a load was
> > present; at all times, there was a valid load (antennas that presented SWR
> > readings of less than 1.5:1). After each occurrence, the rig was immediately
> > connected to a dummy load and the infinity SWR reading was still displayed.
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> > As previously mentioned, the problem self-corrected after the first three
> > occurrences. I have no valid explanation for the rig returning to normal
> > operation. The obviously tricks and black magic have been tried (touch, tap
> > & whack etc.). Currently, I am trying to trace continuity from the SO-230 to
> > the FILTER network. As soon as I can get an RF probe built, I will begin
> > trying to trace the RF path from the FINAL circuit board. All tests that I
> > have done after output failure are done with the lowest possible setting of
> > the CARRIER and POWER controls.
> >

> > Any advice would be appreciated. My purchase price was $125 since the rig's
> > history is pretty long. I am not sure how much I want to commit to having it
> > commercially repaired. My background is geography, so I don't pretend to be
> > an electronics whiz. (I grew up building vacuum tube rigs.)
> >
> > My personal suspicion is a bad solder joint somewhere or an intermittent
> > connector.
> >
> > Thanks in advance.
> >
> > Ron K6KYJ
> > Chico CA
> >
> >
> >
>
>
> [Non-text portions of this message have been removed]
>

8607. Re: TS-450S no output, infinity SWR value

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-11-21 18:35:31 UTC
From: avvidclif
Topic: 8601 Message: 8607

The ammeter on your power supply is your friend. Low current in tx and it's before the final. High current and it's after the final. As long as the finals are good of course but it will answer questions and point in a direction to look.

Clif

--- In TS-850_450_690@yahoogroups.com, "Ron K6KYJ" <k6kyj@...> wrote:
>
> Yes, across all bands into the dummy load and with an external power/SWR meter. Not even showing a watt of output. As soon as I can rig an RF probe, I will check to see if there is any signal at all into the filter circuit board. Working backwards from the SO-239 does not show any obvious faults in the signal path into the filter board.
>
> Now, its time to wire up a microphone for my TS-820S...sadly, Sweepstakes has a SSB weekend also.
>
>
>
>
> --- In TS-850_450_690@yahoogroups.com, Zack Widup <w9sz.zack@> wrote:
> >
> > Hi Ron,
> >
> > Does it do this on all bands? And did you connect an external SWR/power
> > meter to show if it was actually putting out power?
> >
> > If it isn't, I'm guessing a bad solder connection or relay somewhere.
> >
> > 73, Zack W9SZ
> >
> > On Fri, Nov 20, 2009 at 11:45 PM, Ron K6KYJ <k6kyj@> wrote:
> >
> > >
> > >
> > > I have a Kenwood TS-450S (w/o the internal tuner). I am at least the third
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> > > The problem. During normal operation, in both cw and ssb mode, the rig
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> > > fully to the right (infinity SWR).
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> > > During all four occurrences, I immediately checked to see if a load was
> > > present; at all times, there was a valid load (antennas that presented SWR
> > > readings of less than 1.5:1). After each occurrence, the rig was immediately

> > > connected to a dummy load and the infinity SWR reading was still displayed.
> > >
> > > As previously mentioned, the problem self-corrected after the first three
> > > occurrences. I have no valid explanation for the rig returning to normal
> > > operation. The obviously tricks and black magic have been tried (touch, tap
> > > & whack etc.). Currently, I am trying to trace continuity from the SO-230 to
> > > the FILTER network. As soon as I can get an RF probe built, I will begin
> > > trying to trace the RF path from the FINAL circuit board. All tests that I
> > > have done after output failure are done with the lowest possible setting of
> > > the CARRIER and POWER controls.
> > >
> > > Any advice would be appreciated. My purchase price was $125 since the rig's
> > > history is pretty long. I am not sure how much I want to commit to having it
> > > commercially repaired. My background is geography, so I don't pretend to be
> > > an electronics whiz. (I grew up building vacuum tube rigs.)
> > >
> > > My personal suspicion is a bad solder joint somewhere or an intermittent
> > > connector.
> > >
> > > Thanks in advance.
> > >
> > > Ron K6KYJ
> > > Chico CA
> > >
> > >
> > >
> > >
> > >
> > > [Non-text portions of this message have been removed]
> > >
>

8608. TS-850S and sb-220

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-11-22 14:48:01 UTC
From: kc5mah@swbell.net
Topic: 8608 Message: 8608

Hello to all.. I just ordered the sk-220 and need to know what pins i need to connect on the remote connector to key up the amp.
Thanks in advance..
KC5MAH.

8609. Trouble shooting

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-11-22 15:49:39 UTC
From: ryverwes
Topic: 8609 Message: 8609

Hi all..... The ALC meter on my ts 850 seems to be having odd fluctuations. And when I transmit I'm not sure if anyone is hearing me. Or maybe my finals are fried? The antenna tuner works no problem there. And the swr was checked on my antenna with my anaylyzer 259b which was 1.2:1.....I'm not sure how to start trouble shooting this. Any ideas? Thanks

VA3RYV
Wes

8610. Re: [TS-850_450_690] Trouble shooting

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-11-22 16:50:32 UTC
From: WW3S
Topic: 8609 Message: 8610

thats a classic symptom of the DC-DC convertor going bad....try www.k0bx.com
....

On 11/22/2009 10:49:39 AM, ryverwes (ryverwes@...) wrote:
> Hi all..... The ALC meter on my ts 850 seems to be having odd
> fluctuations.
> And when I transmit
> I'm not sure if anyone is hearing me. Or maybe my finals are fried? The
> antenna tuner works no problem there. And the swr was checked on my
> antenna with my anaylyzer 259b which was 1.2:1.....I'm
> not sure how to start trouble shooting this. Any ideas? Thanks
>
> VA3RYV
> Wes
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>

8611. 850s for sale in Seattle on Craigslist

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-11-23 00:00:17 UTC
From: ka0nem
Topic: 8611 Message: 8611

http://seattle.craigslist.org/see/ele/1477245660.html

These aren't mine, I have no interest in this ad.

[Non-text portions of this message have been removed]

8612. TS-850SAT receiver noise problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-11-22 23:46:56 UTC
From: Brian Mileshosky
Topic: 8612 Message: 8612

Hi Everyone -

I'm having a receiver noise issue with my TS-850SAT, and I'm looking for ideas on what it might be. My 850's serial number is 30-million series. According to some (unverified) information I found on the web, it looks like this might correspond to having been built in 1991.

Here's the problem:

--- My 850 is experiencing loud, intermittent, crashing, static-like pops in the receiver. Sounds like static crashes from nearby lightning strikes.

--- I've confirmed that the noise is originating from within the radio, and no external sources, as I've operated the radio with a 50-ohm load connected to the antenna port (as well as an open), on battery power, and no cords or cables other than the power cable attached to the radio.the crashes still occur.

--- The crashes register on the S-meter, which tell me that it's occurring in the receiver chain prior to when signal is coupled into the S-meter.

--- The crashes get louder (and stronger on the S-meter) as I tune to lower frequency bands, which makes sense.

--- I have not been able to correlate the occurrence of this noise with temperature. Seems somewhat random as far as when the problem begins after I turn the radio on, and also when the crashes occur.they range from once every 10 sec to sometimes more than once a second.

--- I've looked at each of the LOs in the receiver with an o-scope and they are both on frequency and look clean.

--- Poking elsewhere in the receiver chain with my o-scope hasn't shown any apparent noise at the time I hear crashes on the speaker.

Any ideas?

Thanks and 73,

Brian N5ZGT

[Non-text portions of this message have been removed]

8613. Re: TS-850SAT receiver noise problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-11-23 00:36:25 UTC
From: avvidclif
Topic: 8612 Message: 8613

Look closely at Q49 on the RF unit. I think you will find it has been fried. If it looks good check the collector for 12v. If not there or fried replace it. Do not transmit on the radio with Q49 missing.

Clif

--- In TS-850_450_690@yahoogroups.com, "Brian Mileshosky" <n5zgt@...> wrote:
>
> Hi Everyone -
>
>
>
> I'm having a receiver noise issue with my TS-850SAT, and I'm looking for
> ideas on what it might be. My 850's serial number is 30-million series.
> According to some (unverified) information I found on the web, it looks like
> this might correspond to having been built in 1991.
>
>
>
> Here's the problem:
>
>
>
> --- My 850 is experiencing loud, intermittent, crashing, static-like pops in
> the receiver. Sounds like static crashes from nearby lightning strikes.
>
> --- I've confirmed that the noise is originating from within the radio, and
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> to the antenna port (as well as an open), on battery power, and no cords or
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> --- The crashes register on the S-meter, which tell me that it's occurring
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>
> --- The crashes get louder (and stronger on the S-meter) as I tune to lower
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> --- I have not been able to correlate the occurrence of this noise with
> temperature. Seems somewhat random as far as when the problem begins after
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> every 10 sec to sometimes more than once a second.
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> --- I've looked at each of the LOs in the receiver with an o-scope and they
> are both on frequency and look clean.

>
> --- Poking elsewhere in the receiver chain with my o-scope hasn't shown any
> apparent noise at the time I hear crashes on the speaker.
>
>
>
> Any ideas?
>
>
>
> Thanks and 73,
>
> Brian N5ZGT
>
>
>
> [Non-text portions of this message have been removed]
>

8614. Re: Trouble shooting

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-11-23 13:42:26 UTC
From: n0sya
Topic: 8609 Message: 8614

Here's some info gleaned from the 850 repair page re an alc fix:

"My TS850 developed the ALC problem abt 3 years ago, but I did buy a new rig and the TS850 was put in reserve status. Then I found on your website information about this problem. I checked my TS850 and it had still that problem. So I removed the PCB with the dc-dc convertor and put it on the testbench at work. I checked C626 and C628, they where wrong on the schematic but they are OK on the PCB. I fed the DC-DC convertor with 12.5 V at L605 and it worked fine, output was -6.2v. But when I lowered the input voltage strange things began to happen. At an input voltage of 12.43v, the output voltage started to go down and up. When I checked the oscillator signal on C625 (output of oscillator) it fell regulary out and started up again . The problem got worse with lower input voltage and the dc-dc convertor stopped working at about 11.9V. So I concluded that my PCB was working ok, but that the input voltage in my TS850 was low (maybe got lower with aging). I was at my work and my TS850 at home, so measuring the voltage was out of the question.

So I tried the following: I changed resistor R2 and R3 (on the dc-dc pcb) from 22k to 18k and checked again. What I found now was that the dc-dc convertor worked fine from 12.5v down to 9.5v. Back at home I then put the PCB back into the TS850 and now have again a rig that
is working fine, ALC and output are stable now."

8615. Were to start?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-11-24 00:20:04 UTC
From: ryverwes
Topic: 8615 Message: 8615

My kenwood ts 850 is transmitting on a different frequency than I recieve on. I looked into the obvious things like the F Lock button... The RIT & the XIT button. I did a soft reset also. The rig was working fine before. No one can here me because I'm way off frequency. A frequency counter I have is telling me for example if I transmit on say 14.180 the frequency counter says I'm transmitting on 14.150mhz ..... The same on the 40m band .....I have a service manual but I need to know were to start looking. I hope I'm explaining this ok. The frequency counter is working ok because I checked it against my backup radio. Can anyone give me some info on this? Thanks

VA3RYV
Wes

8616. Re: Were to start?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-11-24 01:18:29 UTC
From: avvidclif
Topic: 8615 Message: 8616

Start on the Car unit, home of the DDS chips.

IC1 is used as a VFO and outputs a signal from the Car unit that ranges from 4.95-4.45 MHz according to the frequency. My notes show that at 14.2 MHz CW mode, in RX the frequency is 4.749311. Each of the DDS chips has 2 sides "A" & "B". For simplicity "A" is RX and "B" is TX. In TX the frequency should shift to 4.750011 giving a 700hz shift. Disregard the last 2 numbers as that's how far off frequency the reference oscillator is. The main thing is the shift. Try it at several different 20m frequencies, the RX side will change with the VFO knob and the TX side should follow it although offset by 700Hz.

I think you will find the "B" side of IC1 is stuck and not changing.

Let us know.

Clif

--- In TS-850_450_690@yahoogroups.com, "ryverwes" <ryverwes@...> wrote:
>
> My kenwood ts 850 is transmitting on a different frequency than I recieve on. I looked into the obvious things like the F Lock button... The RIT & the XIT button. I did a soft reset also. The rig was working fine before. No one can here me because I'm way off frequency.
> A frequency counter I have is telling me for example if I transmit on say 14.180 the frequency counter says I'm transmitting on 14.150mhz ..... The same on the 40m band .....I have a service manual but I need to know were to start looking. I hope I'm explaining this ok. The frequency counter is working ok because I checked it against my backup radio. Can anyone give me some info on this? Thanks
>
> VA3RYV
> Wes
>

8617. RE: [TS-850_450_690] Were to start?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-11-24 01:02:34 UTC
From: Greg Gollan
Topic: 8615 Message: 8617

Are Rx & TX on the same VFO? When you press the TF+SET button, does it show the transmit frequency? If so you are operating split.
VE1GCG
-----Original Message-----
From: TS-850_450_690@yahoogroups.com
[mailto:TS-850_450_690@yahoogroups.com]On Behalf Of ryverwes
Sent: November 23, 2009 8:20 PM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] Were to start?

My kenwood ts 850 is transmitting on a different frequency than I recieve on. I looked into the obvious things like the F Lock button... The RIT & the XIT button. I did a soft reset also. The rig was working fine before. No one can here me because I'm way off frequency.
A frequency counter I have is telling me for example if I transmit on say 14.180 the frequency counter says I'm transmitting on 14.150mhz ..... The same on the 40m band .....I have a service manual but I need to know were to start looking. I hope I'm explaining this ok. The frequency counter is working ok because I checked it against my backup radio. Can anyone give me some info on this? Thanks

VA3RYV
Wes

[Non-text portions of this message have been removed]

8618. Re: Were to start?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-11-24 02:03:20 UTC
From: ryverwes
Topic: 8615 Message: 8618

yes there on the same vfo no split

--- In TS-850_450_690@yahoogroups.com, Greg Gollan <ggollan@...> wrote:
>
> Are Rx & TX on the same VFO? When you press the TF+SET button, does it show
> the transmit frequency? If so you are operating split.
> VE1GCG
> -----Original Message-----
> From: TS-850_450_690@yahoogroups.com
> [mailto:TS-850_450_690@yahoogroups.com]On Behalf Of ryverwes
> Sent: November 23, 2009 8:20 PM
> To: TS-850_450_690@yahoogroups.com
> Subject: [TS-850_450_690] Were to start?
>
>
>
> My kenwood ts 850 is transmitting on a different frequency than I recieve
> on. I looked into the obvious things like the F Lock button... The RIT & the
> XIT button. I did a soft reset also. The rig was working fine before. No one
> can here me because I'm way off frequency.
> A frequency counter I have is telling me for example if I transmit on say
> 14.180 the frequency counter says I'm transmitting on 14.150mhz ..... The
> same on the 40m band .....I have a service manual but I need to know were to
> start looking. I hope I'm explaining this ok. The frequency counter is
> working ok because I checked it against my backup radio. Can anyone give me
> some info on this? Thanks
>
> VA3RYV
> Wes
>
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

8619. Re: Were to start?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-11-24 02:00:57 UTC
From: ryverwes
Topic: 8615 Message: 8619

Ok... Here is some info. I tuned to 14.200 MHz transmited cw.. And my frequency counter tells me I'm at 13.779 MHz . The same at 14.300 and again at 14.020. The counter always says my signal is at 13.779 MHz . And on the 40m band the frequency counter tells me I'm at 6.778mhz. I double checked the counter with my backup radio and it appears to be working fine. Any more ideas??

VA3RYV
Wes

--- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@...> wrote:
>
> Start on the Car unit, home of the DDS chips.
>
> IC1 is used as a VFO and outputs a signal from the Car unit that ranges from 4.95-4.45 MHz according to the frequency. My notes show that at 14.2 MHz CW mode, in RX the frequency is 4.749311. Each of the DDS chips has 2 sides "A" & "B". For simplicity "A" is RX and "B" is TX. In TX the frequency should shift to 4.750011 giving a 700hz shift. Disregard the last 2 numbers as that's how far off frequency the reference oscillator is. The main thing is the shift. Try it at several different 20m frequencies, the RX side will change with the VFO knob and the TX side should follow it although offset by 700Hz.
>
> I think you will find the "B" side of IC1 is stuck and not changing.
>
> Let us know.
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "ryverwes" <ryverwes@> wrote:
> >
> > My kenwood ts 850 is transmitting on a different frequency than I recieve on. I looked into the obvious things like the F Lock button... The RIT & the XIT button. I did a soft reset also. The rig was working fine before. No one can here me because I'm way off frequency.
> > A frequency counter I have is telling me for example if I transmit on say 14.180 the frequency counter says I'm transmitting on 14.150mhz ..... The same on the 40m band .....I have a service manual but I need to know were to start looking. I hope I'm explaining this ok. The frequency counter is working ok because I checked it against my backup radio. Can anyone give me some info on this? Thanks
> >
> > VA3RYV
> > Wes
> >
>

8620. Re: Were to start?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-11-24 02:22:28 UTC
From: avvidclif
Topic: 8615 Message: 8620

I just told you what is wrong. Now go to the Car unit and verify the frequencies are wrong.

Clif

--- In TS-850_450_690@yahoogroups.com, "ryverwes" <ryverwes@...> wrote:
>
> Ok... Here is some info. I tuned to 14.200 MHz transmited cw.. And my frequency counter tells me I'm at 13.779 MHz . The same at 14.300 and again at 14.020. The counter always says my signal is at 13.779 MHz . And on the 40m band the frequency counter tells me I'm at 6.778mhz. I double checked the counter with my backup radio and it appears to be working fine. Any more ideas??
>
> VA3RYV
> Wes
>
> --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> >
> > Start on the Car unit, home of the DDS chips.
> >
> > IC1 is used as a VFO and outputs a signal from the Car unit that ranges from 4.95-4.45 MHz according to the frequency. My notes show that at 14.2 MHz CW mode, in RX the frequency is 4.749311. Each of the DDS chips has 2 sides "A" & "B". For simplicity "A" is RX and "B" is TX. In TX the frequency should shift to 4.750011 giving a 700hz shift. Disregard the last 2 numbers as that's how far off frequency the reference oscillator is. The main thing is the shift. Try it at several different 20m frequencies, the RX side will change with the VFO knob and the TX side should follow it although offset by 700Hz.
> >
> > I think you will find the "B" side of IC1 is stuck and not changing.
> >
> > Let us know.
> >
> > Clif
> >
> > --- In TS-850_450_690@yahoogroups.com, "ryverwes" <ryverwes@> wrote:
> > >
> > > My kenwood ts 850 is transmitting on a different frequency than I recieve on. I looked into the obvious things like the F Lock button... The RIT & the XIT button. I did a soft reset also. The rig was working fine before. No one can here me because I'm way off frequency.
> > > A frequency counter I have is telling me for example if I transmit on say 14.180 the frequency counter says I'm transmitting on 14.150mhz ..... The same on the 40m band .....I have a service manual but I need to know were to start looking. I hope I'm explaining this ok. The frequency counter is working ok because I checked it against my backup radio. Can anyone give me some info on this? Thanks
> > >

> > > VA3RYV
> > > Wes
> > >
> >
>

8621. Car unit

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-11-24 22:53:09 UTC
From: ryverwes
Topic: 8621 Message: 8621

I just removed the car unit in my ts850.....looks like someone who owned it before did some repairs on it. There are some new caps in there. I dont really know what to do with the thing now. maybe replace all the caps. There dosent seem to be any burnt traces..

8622. Re: Car unit

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-11-24 22:59:23 UTC
From: avvidclif
Topic: 8621 Message: 8622

Put it back in and measure the frequencies coming off of it. At least then you will know what the problem is. From that you can figure out a cure.

Clif

--- In TS-850_450_690@yahoogroups.com, "ryverwes" <ryverwes@...> wrote:
>
> I just removed the car unit in my ts850.....looks like someone who owned it before did some repairs on it. There are some new caps in there. I dont really know what to do with the thing now. maybe replace all the caps. There dosent seem to be any burnt traces..
>

8623. Re: Were to start?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-11-24 22:56:26 UTC
From: ryverwes
Topic: 8615 Message: 8623

Im not sure how to verify that...But i do have the car unit out now.

--- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@...> wrote:
>
> I just told you what is wrong. Now go to the Car unit and verify the frequencies are wrong.
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "ryverwes" <ryverwes@> wrote:
> >
> > Ok... Here is some info. I tuned to 14.200 MHz transmited cw.. And my frequency counter tells me I'm at 13.779 MHz . The same at 14.300 and again at 14.020. The counter always says my signal is at 13.779 MHz . And on the 40m band the frequency counter tells me I'm at 6.778mhz. I double checked the counter with my backup radio and it appears to be working fine. Any more ideas??
> >
> > VA3RYV
> > Wes
> >
> > --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> > >
> > > Start on the Car unit, home of the DDS chips.
> > >
> > > IC1 is used as a VFO and outputs a signal from the Car unit that ranges from 4.95-4.45 MHz according to the frequency. My notes show that at 14.2 MHz CW mode, in RX the frequency is 4.749311. Each of the DDS chips has 2 sides "A" & "B". For simplicity "A" is RX and "B" is TX. In TX the frequency should shift to 4.750011 giving a 700hz shift. Disregard the last 2 numbers as that's how far off frequency the reference oscillator is. The main thing is the shift. Try it at several different 20m frequencies, the RX side will change with the VFO knob and the TX side should follow it although offset by 700Hz.
> > >
> > > I think you will find the "B" side of IC1 is stuck and not changing.
> > >
> > > Let us know.
> > >
> > > Clif
> > >
> > > --- In TS-850_450_690@yahoogroups.com, "ryverwes" <ryverwes@> wrote:
> > > >
> > > > My kenwood ts 850 is transmitting on a different frequency than I recieve on. I looked into the obvious things like the F Lock button... The RIT & the XIT button. I did a soft reset also. The rig was working fine before. No one can here me because I'm way off frequency.
> > > > A frequency counter I have is telling me for example if I transmit on say 14.180

the frequency counter says I'm transmitting on 14.150mhz ..... The same on the 40m band .....I have a service manual but I need to know were to start looking. I hope I'm explaining this ok. The frequency counter is working ok because I checked it against my backup radio. Can anyone give me some info on this? Thanks
> > > >
> > > > VA3RYV
> > > > Wes
> > > > >
> > > >
> > >
>

8624. Re: [TS-850_450_690] Re: Car unit

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-11-24 23:17:35 UTC
From: ka0nem
Topic: 8621 Message: 8624

What tools do you need to measure those frequencies? Just for my own reference. I have a VOM and an antenna analyzer with a freq. counter on it, would those tools be sufficient?

On Tue, Nov 24, 2009 at 2:59 PM, avvidclif <clif@...> wrote:

>
>
> Put it back in and measure the frequencies coming off of it. At least then
> you will know what the problem is. From that you can figure out a cure.
>
>

[Non-text portions of this message have been removed]

8625. Re: Car unit

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-11-24 23:03:09 UTC
From: ryverwes
Topic: 8621 Message: 8625

ok doing that now...ill update after

--- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@...> wrote:
>
> Put it back in and measure the frequencies coming off of it. At least then you will know what the problem is. From that you can figure out a cure.
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "ryverwes" <ryverwes@> wrote:
> >
> > I just removed the car unit in my ts850.....looks like someone who owned it before did some repairs on it. There are some new caps in there. I dont really know what to do with the thing now. maybe replace all the caps. There dosent seem to be any burnt traces..
> >
>

8626. Re: Car unit

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-11-24 23:33:08 UTC
From: ryverwes
Topic: 8621 Message: 8626

ok the car unit went back in.....the frequencies measured were all over the place. And not what was on the vfo 14.200. very erradic. im using the frequecy counter on my antenna anylyzer. very interesting looking inside one of these units though.

--- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@...> wrote:
>
> Put it back in and measure the frequencies coming off of it. At least then you will know what the problem is. From that you can figure out a cure.
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "ryverwes" <ryverwes@> wrote:
> >
> > I just removed the car unit in my ts850.....looks like someone who owned it before did some repairs on it. There are some new caps in there. I dont really know what to do with the thing now. maybe replace all the caps. There dosent seem to be any burnt traces..
> >
>

8627. Re: Car unit

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-11-25 14:52:52 UTC
From: birchardvilleobservatory
Topic: 8621 Message: 8627

I thought the Carrier Unit generated several different RF signals at the same time, which get mixed together to create the final output. The different DDS chips have different offsets depending on the band and mode (usb/lsb/am/fm...). You need to look at all the signals. Having a block diagram of the radio in front of you with the mixing scheme outlined will be a big help! (or, if you don't have that information, I doubt it will make any sense at all).

Dan
AA3LS

--- In TS-850_450_690@yahoogroups.com, "ryverwes" <ryverwes@...> wrote:
>
> ok the car unit went back in.....the frequencies measured were all over the place. And not what was on the vfo 14.200. very erradic. im using the frequecy counter on my antenna anylyzer. very interesting looking inside one of these units though.
>
> --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> >
> > Put it back in and measure the frequencies coming off of it. At least then you will know what the problem is. From that you can figure out a cure.
> >
> > Clif
> >
> > --- In TS-850_450_690@yahoogroups.com, "ryverwes" <ryverwes@> wrote:
> > >
> > > I just removed the car unit in my ts850.....looks like someone who owned it before did some repairs on it. There are some new caps in there. I dont really know what to do with the thing now. maybe replace all the caps. There dosent seem to be any burnt traces..
> > >
> > >
>

8628. Re: [TS-850_450_690] Re: Car unit

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-11-25 15:00:48 UTC
From: Jordan
Topic: 8621 Message: 8628

You won't get anywhere without a good high-impedance DCVM and frequency counter....IMO...73 VE6ZT

----- Original Message -----
From: birchardvilleobservatory
To: TS-850_450_690@yahoogroups.com
Sent: Wednesday, November 25, 2009 7:52 AM
Subject: [TS-850_450_690] Re: Car unit

I thought the Carrier Unit generated several different RF signals at the same time, which get mixed together to create the final output. The different DDS chips have different offsets depending on the band and mode (usb/lsb/am/fm...). You need to look at all the signals. Having a block diagram of the radio in front of you with the mixing scheme outlined will be a big help! (or, if you don't have that information, I doubt it will make any sense at all).

Dan
AA3LS

--- In TS-850_450_690@yahoogroups.com, "ryverwes" <ryverwes@...> wrote:
>
> ok the car unit went back in.....the frequencies measured were all over the place. And not what was on the vfo 14.200. very erradic. im using the frequecy counter on my antenna anylyzer. very interesting looking inside one of these units though.
>
> --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> >
> > Put it back in and measure the frequencies coming off of it. At least then you will know what the problem is. From that you can figure out a cure.
> >
> > Clif
> >
> > --- In TS-850_450_690@yahoogroups.com, "ryverwes" <ryverwes@> wrote:
> > >
> > > I just removed the car unit in my ts850.....looks like someone who owned it before did some repairs on it. There are some new caps in there. I dont really know what to do with the thing now. maybe replace all the caps. There dosent seem to be any burnt traces..
> > >
> >
>

[Non-text portions of this message have been removed]

8629. Re: Car unit

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-11-25 17:21:20 UTC
From: ryverwes
Topic: 8621 Message: 8629

crap.... I'd hate to bring the rig to radioworld to fix it. Maybe a new car board. But it sounds like those things are pretty rare.

VA3RYV
Wes

--- In TS-850_450_690@yahoogroups.com, "Jordan" <Outposter30@...> wrote:
>
> You won't get anywhere without a good high-impedance DCVM and frequency counter....IMO...73 VE6ZT
>
>
> ----- Original Message -----
> From: birchardvilleobservatory
> To: TS-850_450_690@yahoogroups.com
> Sent: Wednesday, November 25, 2009 7:52 AM
> Subject: [TS-850_450_690] Re: Car unit
>
>
>
> I thought the Carrier Unit generated several different RF signals at the same time, which get mixed together to create the final output. The different DDS chips have different offsets depending on the band and mode (usb/lsb/am/fm...). You need to look at all the signals. Having a block diagram of the radio in front of you with the mixing scheme outlined will be a big help! (or, if you don't have that information, I doubt it will make any sense at all).
>
> Dan
> AA3LS
>
> --- In TS-850_450_690@yahoogroups.com, "ryverwes" <ryverwes@> wrote:
> >
> > ok the car unit went back in.....the frequencies measured were all over the place. And not what was on the vfo 14.200. very erradic. im using the frequecy counter on my antenna anylyzer. very interesting looking inside one of these units though.
> >
> > --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> > >
> > > Put it back in and measure the frequencies coming off of it. At least then you will know what the problem is. From that you can figure out a cure.
> > >
> > > Clif
> > >
> > > --- In TS-850_450_690@yahoogroups.com, "ryverwes" <ryverwes@> wrote:
> > > >

> > > > I just removed the car unit in my ts850.....looks like someone who owned it before did some repairs on it. There are some new caps in there. I dont really know what to do with the thing now. maybe replace all the caps. There dosent seem to be any burnt traces..
> > > >
> > >
> >
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

8630. Re: Car unit, please Clif your opinion?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-11-26 10:41:44 UTC
From: vojtech
Topic: 8621 Message: 8630

--- In TS-850_450_690@yahoogroups.com, "ryverwes" <ryverwes@...> wrote:
>
> crap.... I'd hate to bring the rig to radioworld to fix it. Maybe a new car board. But it sounds like those things are pretty rare.
>
> VA3RYV
> Wes
>

Maybe not so rare as you think. I thought my TS-450S would not have those problem with the CAR board and DDS. It had. First it took seconds up to minutes, when the radio (DDS) started (see my old posts about that on forum). After one last unhappy?? switching of power supply with the radio power button on with the voltage rises from zero to 13.8V it did not wake again, maybe the last "coup de grace" to the ill DDS chip.
When I studied in this errorneous state, what was coming from the DDS on spectrum analyzer, it was a strange signal (fast rectangular) full with harmonic with double frequency, than it should be - it seemed that some of the outputs of the DDS doing strange work.
After replacement of the YM6631 to YM66312 all went to normal again.

I would like to know the opinion of Cliff or somebody, who repair those radios regularly, how many of CAR board (DDS) had to be replaced, and if it is more often on TS-450 or TS-850?
When I asked even here in the hearth of Europe the people having TS-850, lots of them had to repair or replace the CAR board due to the failed DDS.

Vojtech, OK1VAW, Prague.

8631. Re: Car unit

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-11-26 13:15:21 UTC
From: va3aso
Topic: 8621 Message: 8631

Hey Wes,
I wouldn't bring it to radioworld unless you have lots of money and time to waste. I know a tech in T.O. that may be able to help. He is pretty good with the 850s'. He does all my work, and is very reasonable.
He just changed out one of my DDS chips with the updated one which is still available here NEW! Give me a email, and I will give you contact info if you like.
Ron

--- In TS-850_450_690@yahoogroups.com, "ryverwes" <ryverwes@...> wrote:
>
> crap.... I'd hate to bring the rig to radioworld to fix it. Maybe a new car board. But it sounds like those things are pretty rare.
>
> VA3RYV
> Wes
>

8632. My car unit

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-11-26 12:44:54 UTC
From: ryverwes
Topic: 8632 Message: 8632

Looking at my car unit.... There are three 6631 chips and one 66312. Also looks like a few caps were also replaced as well. There appears to be no leakage around IC1. From what I've been reading I think the problem is IC1. Is the an equivalent chip out there? I should replace them all anyway.

VA3RYV
Wes

8633. FTDI Cable

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-11-27 15:23:59 UTC
From: kremper4-850@yahoo.com
Topic: 8633 Message: 8633

Some time ago information was provided regarding an FTDI cable that can interface a TS-850 to a computer via the USB port. I believe this enabled the '850 to operate various digital formats (PSK, RTTY, etc). I *think* the cable connected to the '850's ACCY socket. The cable was low-cost, too: about $20 or so.

Does anyone have that information?

Tnx ex 73,

Paul / N1FB

[Non-text portions of this message have been removed]

8634. Kenwood Rig Time Line

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-11-27 15:33:35 UTC
From: Trent Fleming
Topic: 8634 Message: 8634

Can someone help me with the basic time line of the Kenwood Rigs?

I am currently running a TS-690S, I acquired it to replace my TS-120s. I like the feel of the larger base style rigs, the TS-2000 is appealing, but feels a bit small and light . . . what base style rigs are between the 690s and the 2000?

Thanks in advance.

Trent

--
Trent Fleming
Follow me on Twitter
www.twitter.com/N4DTF
www.twitter.com/remotedeposit
www.twitter.com/techadvisor

My WebSite
www.trentfleming.com

[Non-text portions of this message have been removed]

8635. RE: [TS-850_450_690] Fw: Re: [Kenwood] Inexpensive (about $20 shipped) USB to Kenwood Computer Interface

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-11-27 16:18:49 UTC
From: Mike
Topic: 8026 Message: 8635

Paul:
I believe this is what you're looking for.
Luckily I keep all these informative emails.
I had bought the chip that Rob talks about, but I wish I had waited and bought the cable with the chip built into the usb connector.
Mouser has the cable, just search FTDI TTL232R on their site.

Hope this helps

73 de N2TBP Mike

_____

From: kremper4-850@... [mailto:kremper4-850@...]
Sent: Sunday, June 14, 2009 17:49 PM
To: w1ioo@...; TS-850 Yahoo
Subject: [TS-850_450_690] Fw: Re: [Kenwood] Inexpensive (about $20 shipped) USB to Kenwood Computer Interface

You might want to check into this...

73,

Paul / N1FB

--- On Wed, 2/18/09, William Liporace - WC2L <wc2l@... <mailto:wc2l%40wc2l.com> > wrote:

From: William Liporace - WC2L <wc2l@... <mailto:wc2l%40wc2l.com> >
Subject: Re: [Kenwood] Inexpensive (about $20 shipped) USB to Kenwood Computer Interface
To: rob.frohne@wallawal <mailto:rob.frohne%40wallawalla.edu> la.edu, Kenwood@mailman. <mailto:Kenwood%40mailman.qth.net> qth.net
Date: Wednesday, February 18, 2009, 7:25 AM

I have been doing some thing very similar for the last couple of years. I use the FTDI TTL232R cables. They have the chip built right in the USB cable. All you have to do is make a 2mm header and away you. I have built many of them for friends. I also use one on my FT1000. They really work well!

73 Will WC2L

-----Original Message-----
From: kenwood-bounces@ <mailto:kenwood-bounces%40mailman.qth.net> mailman.qth.net

[mailto:kenwood-bounces@ <mailto:kenwood-bounces%40mailman.qth.net>
mailman.qth.net] On Behalf Of Rob Frohne
Sent: Tuesday, February 17, 2009 10:43 PM
To: kenwood@mailman. <mailto:kenwood%40mailman.qth.net> qth.net;
TS-850_450_690@ <mailto:TS-850_450_690%40yahoogroups.com> yahoogroups.com
Subject: [Kenwood] Inexpensive (about $20 shipped) USB to Kenwood Computer
Interface

Hi Everyone,

I recently wanted to update my computer control cable on my TS-850SAT to
a USB one with RTS/CTS support. It took me a bit of work to get it all
sorted out, but the result was worth it, especially with IF-232C units
still going for more than $50 on ebay.

This interface should work with the following Kenwood radios: TS-50,
TS-60, TS-140, TS-440, TS-450, TS-680, TS-690, TS-711, TS-721, TS-790,
TS-811, TS-850, TS-950, R-5000.

I put up a short page on building it at:

http://people.
<http://people.wallawalla.edu/~Rob.Frohne/SDR/USB%20Interface/IF-232%20USB%2
0> wallawalla.edu/~Rob.Frohne/SDR/USB%20Interface/IF-232%20USB%20
Replacement.html

I hope this is of use to some of you, and that it will make doing it
much quicker and easier than it was for me.

73,

Rob, KL7NA

--
Rob Frohne, Ph.D., P.E.
E.F. Cross School of Engineering
Walla Walla University
100 SW 4th Street
College Place, WA 99324
(509) 527-2075 http://people.
<http://people.walllawalla.edu/~rob.frohne> walllawalla.edu/~rob.frohne

_____
Kenwood mailing list
Home: http://mailman. <http://mailman.qth.net/mailman/listinfo/kenwood>
qth.net/mailman/listinfo/kenwood
Help: http://mailman. <http://mailman.qth.net/mmfaq.htm> qth.net/mmfaq.htm
Post: mailto:Kenwood@mailman. <mailto:Kenwood%40mailman.qth.net> qth.net

This list hosted by: http://www.qsl. <http://www.qsl.net> net
Please help support this email list: http://www.qsl.
<http://www.qsl.net/donate.html> net/donate.html

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

8636. Re: [TS-850_450_690] Kenwood Rig Time Line

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-11-27 16:14:34 UTC
From: Darl Deeds
Topic: 8634 Message: 8636

TS-850 and then the TS-870 are a couple

Darl NA8W

From: Trent Fleming
Sent: Friday, November 27, 2009 10:33 AM
To: TS-850_450_690@...
Subject: [TS-850_450_690] Kenwood Rig Time Line

Can someone help me with the basic time line of the Kenwood Rigs?

I am currently running a TS-690S, I acquired it to replace my TS-120s. I like the feel of the larger base style rigs, the TS-2000 is appealing, but feels a bit small and light . . . what base style rigs are between the 690s and the 2000?

Thanks in advance.

Trent

--
Trent Fleming
Follow me on Twitter
www.twitter.com/N4DTF
www.twitter.com/remotedeposit
www.twitter.com/techadvisor

My WebSite
www.trentfleming.com

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

8637. Re: [TS-850_450_690] Kenwood Rig Time Line

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-11-27 16:37:00 UTC
From: Trent Fleming
Topic: 8634 Message: 8637

thanks

On Fri, Nov 27, 2009 at 10:14 AM, Darl Deeds <na8w@...> wrote:

>
>
> TS-850 and then the TS-870 are a couple
>
> Darl NA8W
>
> From: Trent Fleming
> Sent: Friday, November 27, 2009 10:33 AM
> To: TS-850_450_690@... <TS-850_450_690%40YAHOOGROUPS.COM>
> Subject: [TS-850_450_690] Kenwood Rig Time Line
>
>
> Can someone help me with the basic time line of the Kenwood Rigs?
>
> I am currently running a TS-690S, I acquired it to replace my TS-120s. I
> like the feel of the larger base style rigs, the TS-2000 is appealing, but
> feels a bit small and light . . . what base style rigs are between the 690s
> and the 2000?
>
> Thanks in advance.
>
> Trent
>
> --
> Trent Fleming
> Follow me on Twitter
> www.twitter.com/N4DTF
> www.twitter.com/remotedeposit
> www.twitter.com/techadvisor
>
> My WebSite
> www.trentfleming.com
>
> [Non-text portions of this message have been removed]
>
> [Non-text portions of this message have been removed]
>
>
>

--
Trent Fleming

Follow me on Twitter
www.twitter.com/N4DTF
www.twitter.com/remotedeposit
www.twitter.com/techadvisor

My WebSite
www.trentfleming.com

[Non-text portions of this message have been removed]

8638. RE: [TS-850_450_690] Fw: Re: [Kenwood] Inexpensive (about $20 shipped) USB to Kenwood Computer Interface

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-11-27 19:33:11 UTC
From: kremper4-850@yahoo.com
Topic: 8026 Message: 8638

Thanks, Mike.

I kept the informative TS-850 emails for some time, but then lost them all. :-(I appreciate your forwarding the enclosed info to me.

I'll have to see if I saved any of them somewhere on a CD/DVD.

73,

Paul / N1FB

--- On Fri, 11/27/09, Mike <n2tbp@...> wrote:

From: Mike <n2tbp@...>
Subject: RE: [TS-850_450_690] Fw: Re: [Kenwood] Inexpensive (about $20 shipped) USB to Kenwood Computer Interface
To: TS-850_450_690@yahoogroups.com
Date: Friday, November 27, 2009, 11:18 AM

Paul:
I believe this is what you're looking for.
Luckily I keep all these informative emails.
I had bought the chip that Rob talks about, but I wish I had waited and
bought the cable with the chip built into the usb connector.
Mouser has the cable, just search FTDI TTL232R on their site.

Hope this helps

73 de N2TBP Mike

From: kremper4-850@ yahoo.com [mailto:kremper4-850@ yahoo.com]
Sent: Sunday, June 14, 2009 17:49 PM
To: w1ioo@cooledge. com; TS-850 Yahoo
Subject: [TS-850_450_ 690] Fw: Re: [Kenwood] Inexpensive (about $20 shipped) USB to Kenwood Computer Interface

You might want to check into this...

73,

Paul / N1FB

--- On Wed, 2/18/09, William Liporace - WC2L <wc2l@...
<mailto:wc2l% 40wc2l.com> > wrote:

From: William Liporace - WC2L <wc2l@wc2l.com <mailto:wc2l% 40wc2l.com> >
Subject: Re: [Kenwood] Inexpensive (about $20 shipped) USB to Kenwood
Computer Interface
To: rob.frohne@wallawal <mailto:rob. frohne%40wallawa lla.edu> la.edu,
Kenwood@mailman. <mailto:Kenwood% 40mailman. qth.net> qth.net
Date: Wednesday, February 18, 2009, 7:25 AM

I have been doing some thing very similar for the last couple of years. I
use the FTDI TTL232R cables. They have the chip built right in the USB
cable. All you have to do is make a 2mm header and away you. I have built
many of them for friends. I also use one on my FT1000. They really work
well!

73 Will WC2L

-----Original Message-----
From: kenwood-bounces@ <mailto:kenwood- bounces%40mailma n.qth.net>
mailman.qth. net
[mailto:kenwood- bounces@ <mailto:kenwood- bounces%40mailma n.qth.net>
mailman.qth. net] On Behalf Of Rob Frohne
Sent: Tuesday, February 17, 2009 10:43 PM
To: kenwood@mailman. <mailto:kenwood% 40mailman. qth.net> qth.net;
TS-850_450_690@ <mailto:TS-850_ 450_690%40yahoog roups.com> yahoogroups. com
Subject: [Kenwood] Inexpensive (about $20 shipped) USB to Kenwood Computer
Interface

Hi Everyone,

I recently wanted to update my computer control cable on my TS-850SAT to
a USB one with RTS/CTS support. It took me a bit of work to get it all
sorted out, but the result was worth it, especially with IF-232C units
still going for more than $50 on ebay.

This interface should work with the following Kenwood radios: TS-50,
TS-60, TS-140, TS-440, TS-450, TS-680, TS-690, TS-711, TS-721, TS-790,
TS-811, TS-850, TS-950, R-5000.

I put up a short page on building it at:

http://people.
<http://people. wallawalla. edu/~Rob. Frohne/SDR/ USB%20Interface/ IF-232%20USB% 2
0> wallawalla.edu/ ~Rob.Frohne/ SDR/USB%20Interf ace/IF-232% 20USB%20
Replacement. html

I hope this is of use to some of you, and that it will make doing it
much quicker and easier than it was for me.

73,

Rob, KL7NA

--
Rob Frohne, Ph.D., P.E.
E.F. Cross School of Engineering

Walla Walla University
100 SW 4th Street
College Place, WA 99324

[Non-text portions of this message have been removed]

8639. Fw: Re: [Kenwood] Inexpensive (about $20 shipped) USB to Kenwood Computer Interface

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-11-29 03:10:34 UTC
From: birchardvilleobservatory
Topic: 8026 Message: 8639

Hi...

Note that if you are looking for e-mails sent through the Yahoo Groups TS-850_450_690 group, the group archives exist on Yahoo and can be searched there. Just go to Yahoo, to Groups, then to the TS-850 group and search through them.

Dan
AA3LS

--- In TS-850_450_690@yahoogroups.com, kremper4-850@... wrote:
>
> Thanks, Mike.Â
> Â
> I kept the informative TS-850 emails for some time, but then lost them all.Â :-(Â Â I appreciate your forwarding the enclosed info to me.
> Â
> I'll have to see if I saved any of them somewhere on a CD/DVD.
> Â
> 73,
> Â
> Paul / N1FB
>
> --- On Fri, 11/27/09, Mike <n2tbp@...> wrote:
>
>
> From: Mike <n2tbp@...>
> Subject: RE: [TS-850_450_690] Fw: Re: [Kenwood] Inexpensive (about $20 shipped) USB to Kenwood Computer Interface
> To: TS-850_450_690@yahoogroups.com
> Date: Friday, November 27, 2009, 11:18 AM
>
>
> Â
>
>
>
> Paul:
> I believe this is what you're looking for.
> Luckily I keep all these informative emails.
> I had bought the chip that Rob talks about, but I wish I had waited and
> bought the cable with the chip built into the usb connector.
> Mouser has the cable, just search FTDI TTL232R on their site.
>
> Hope this helps

>
> 73 de N2TBP Mike
>
> _____
>
> From: kremper4-850@ yahoo.com [mailto:kremper4-850@ yahoo.com]
> Sent: Sunday, June 14, 2009 17:49 PM
> To: w1ioo@cooledge. com; TS-850 Yahoo
> Subject: [TS-850_450_ 690] Fw: Re: [Kenwood] Inexpensive (about $20 shipped)
> USB to Kenwood Computer Interface
>
>
> You might want to check into this...
>
> 73,
>
> Paul / N1FB
>
> --- On Wed, 2/18/09, William Liporace - WC2L <wc2l@...
> <mailto:wc2l% 40wc2l.com> > wrote:
>
> From: William Liporace - WC2L <wc2l@... <mailto:wc2l% 40wc2l.com> >
> Subject: Re: [Kenwood] Inexpensive (about $20 shipped) USB to Kenwood
> Computer Interface
> To: rob.frohne@wallawal <mailto:rob. frohne%40wallawa lla.edu> la.edu,
> Kenwood@mailman. <mailto:Kenwood% 40mailman. qth.net> qth.net
> Date: Wednesday, February 18, 2009, 7:25 AM
>
> I have been doing some thing very similar for the last couple of years. I
> use the FTDI TTL232R cables. They have the chip built right in the USB
> cable. All you have to do is make a 2mm header and away you. I have built
> many of them for friends. I also use one on my FT1000. They really work
> well!
>
> 73 Will WC2L
>
> -----Original Message-----
> From: kenwood-bounces@ <mailto:kenwood- bounces%40mailma n.qth.net>
> mailman.qth. net
> [mailto:kenwood- bounces@ <mailto:kenwood- bounces%40mailma n.qth.net>
> mailman.qth. net] On Behalf Of Rob Frohne
> Sent: Tuesday, February 17, 2009 10:43 PM
> To: kenwood@mailman. <mailto:kenwood% 40mailman. qth.net> qth.net;
> TS-850_450_690@ <mailto:TS-850_ 450_690%40yahoog roups.com> yahoogroups. com
> Subject: [Kenwood] Inexpensive (about $20 shipped) USB to Kenwood Computer
> Interface
>
> Hi Everyone,
>
> I recently wanted to update my computer control cable on my TS-850SAT to

> a USB one with RTS/CTS support. It took me a bit of work to get it all
> sorted out, but the result was worth it, especially with IF-232C units
> still going for more than $50 on ebay.
>
> This interface should work with the following Kenwood radios: TS-50,
> TS-60, TS-140, TS-440, TS-450, TS-680, TS-690, TS-711, TS-721, TS-790,
> TS-811, TS-850, TS-950, R-5000.
>
> I put up a short page on building it at:
>
> http://people.
> <http://people. wallawalla. edu/~Rob. Frohne/SDR/ USB%20Interface/ IF-232%20USB% 2
> 0> wallawalla.edu/ ~Rob.Frohne/ SDR/USB%20Interf ace/IF-232% 20USB%20
> Replacement. html
>
> I hope this is of use to some of you, and that it will make doing it
> much quicker and easier than it was for me.
>
> 73,
>
> Rob, KL7NA
>
> --
> Rob Frohne, Ph.D., P.E.
> E.F. Cross School of Engineering
> Walla Walla University
> 100 SW 4th Street
> College Place, WA 99324
>
>
> [Non-text portions of this message have been removed]
>

8640. board needed

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-12-02 02:22:08 UTC
From: Dave ve3wej
Topic: 8640 Message: 8640

anyone parting out a ts850 have a rf board x44-3120-00 in good working order

am even willing to exchange my old one, if it helps keep cost down

email @ ve3wej@... direct please

8641. Kenwood TS450S / TS690S - Need Digital Unit X-46-3120-00

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-12-03 02:29:53 UTC
From: Swen Röder
Topic: 8641 Message: 8641

Need: Digital Unit TS450 / TS690

I would like to ask for the Digital Unit for the Kenwood TS450 or TS690 ...
any version is ok if it's in working condition - HI!

These are the serial numbers... all serial numbers which are available.

1. Kenwood TS450S Digital Unit X46-3120-12

X46-3120-22
X46-3120-23
X46-3122-72
X46-3122-74

2. Kenwood TS690S Digital Unit X46-3120-11
X46-3120-21
X46-3122-71
X46-3122-73

Well this unit is not available from Kenwood dealer worldwide - I guess I
tried to contacted them all. I see only a chance too get one of this units
via 2nd handmarket ...

HS Situation:
You should know we are only allowed to use registered rig's ... my rig is
register but can not use it because of failure ... we also only allowed to
use registered rig's without 50MHz (6m) ... you know how difficult it is to
get a rig without 6m - almost impossible now... if they passed HS - NTC
approval!

Please offer Digital Unit's or Complete Rig's ....!

GD DX !

73 de HS0ZFZ

Swen

[Non-text portions of this message have been removed]

8642. Recieve Audio Level Adjustment with the ACC2 DIN?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-12-06 14:00:49 UTC
From: Jonathan
Topic: 8642 Message: 8642

I am using a Tigertronics SignaLink USB with the 13-pin ACC2 DIN on the rear for my receive audio. I have to crank the RX control fully clockwise to get just a modicum of audio to my PC for PSK31. Is there a control trimpot or other that allows me to raise this level to put the RX control in a useful middle range?
Those who use this configuration may be able to immediately understand what I mean.
Best regards and thx in advance.
Jonathan KC7FYS

8643. kenwood ts-450 cw filters

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-12-04 22:34:06 UTC
From: cwcodebug
Topic: 8643 Message: 8643

Hi, kenwood makes two 500 hz cw filters for the ts-450. One of them can be placed in the 1st if stage (455 khz) and the other one made for the 2nd if stage (8830 khz).As I only want to buy one (they are a bit pricy)does anyone know what the different results would be? thanks ,cwcodebug,AA2XB.

8644. Re: [TS-850_450_690] kenwood ts-450 cw filters

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-12-06 14:38:00 UTC
From: Bill Maddock
Topic: 8643 Message: 8644

You will get more side rejection in a crowded band with 2 filters - I have always run 2 Inrad 400Hz filters in mine - this will give you the best rejection of unwanted filters - I believe the 455khz is the tighter filter if you choose just one.

73 and have fun,

Bill N4ZI

--- On Fri, 12/4/09, cwcodebug <cwcodebug@...> wrote:

From: cwcodebug <cwcodebug@...>
Subject: [TS-850_450_690] kenwood ts-450 cw filters
To: TS-850_450_690@yahoogroups.com
Date: Friday, December 4, 2009, 4:34 PM

Hi, kenwood makes two 500 hz cw filters for the ts-450. One of them can be placed in the 1st if stage (455 khz) and the other one made for the 2nd if stage (8830 khz).As I only want to buy one (they are a bit pricy)does anyone know what the different results would be? thanks ,cwcodebug,AA2XB.

[Non-text portions of this message have been removed]

8645. Re: [TS-850_450_690] kenwood ts-450 cw filters

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-12-06 14:37:57 UTC
From: Tracey Gardner
Topic: 8643 Message: 8645

The 455kHz one will always have the better shape factor.
The Kenwood filters are always turning up on ebay.com at reasonable prices.
Have you looked at the Inrad filters?

73s Tracey G5VU

> Hi, kenwood makes two 500 hz cw filters for the ts-450. One of them can be
> placed in the 1st if stage (455 khz) and the other one made for the 2nd
> if stage (8830 khz).As I only want to buy one (they are a bit pricy)does
> anyone know what the different results would be? thanks ,cwcodebug,AA2XB.
>
>

8646. PROBLEMS WITH MY TS 850

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-12-06 15:09:34 UTC
From: eagle one
Topic: 8646 Message: 8646

Greetings everybody in this e-group.

I have ae Kenwood TS 850 with the following problems:-

1 - the dim button does not work.

2 - the fast tuning knob, to the bottom right of the main dial, works intermittently. When it does, it tunes in steps of 5MHz, and at times it does not work at all.

3 - I have to view the frequency display panel at eye level. Otherwise, if I view the panel slightly above or below, or to the right or to the left, I am not able to read the display.

I appreciate any suggestion to overcome these problems. Thank you and 73.

Hanafi - 9W2TZ - Malaysia.

8647. Re: [TS-850_450_690] Recieve Audio Level Adjustment with the ACC2 DIN?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-12-06 15:37:31 UTC
From: Dave ve3wej
Topic: 8642 Message: 8647

adjust the trimpot IN the signal link, and then make sure your sound card is up fully, until overload level, then back off slightly

my 850 has more than enough for all modes. if yours is only a problem on psk, then check your software. it may be contolling volume on your soundcard separate from other apps

----- Original Message -----
From: Jonathan
To: TS-850_450_690@yahoogroups.com
Sent: Sunday, December 06, 2009 9:00 AM
Subject: [TS-850_450_690] Recieve Audio Level Adjustment with the ACC2 DIN?

I am using a Tigertronics SignaLink USB with the 13-pin ACC2 DIN on the rear for my receive audio. I have to crank the RX control fully clockwise to get just a modicum of audio to my PC for PSK31. Is there a control trimpot or other that allows me to raise this level to put the RX control in a useful middle range?
Those who use this configuration may be able to immediately understand what I mean.
Best regards and thx in advance.
Jonathan KC7FYS

[Non-text portions of this message have been removed]

8648. Re: kenwood ts-450 cw filters

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-12-06 15:42:28 UTC
From: dsh_0403
Topic: 8643 Message: 8648

--- In TS-850_450_690@yahoogroups.com, "Tracey Gardner" <tracey.gardner@...> wrote:
>
> The 455kHz one will always have the better shape factor.
> The Kenwood filters are always turning up on ebay.com at reasonable prices.
> Have you looked at the Inrad filters?
>
> 73s Tracey G5VU
>

I concur. I have both of those filters in a TS-850 and when you look at how they perform using a PSK31 waterfall as a reference, it is clear that the 455 kHz filter has a narrower bandwidth and a steeper cutoff curve. YMMV.

>
>
>
> > Hi, kenwood makes two 500 hz cw filters for the ts-450. One of them can be
> > placed in the 1st if stage (455 khz) and the other one made for the 2nd
> > if stage (8830 khz).As I only want to buy one (they are a bit pricy)does
> > anyone know what the different results would be? thanks ,cwcodebug,AA2XB.
> >
> >
>

8649. Re: [TS-850_450_690] Recieve Audio Level Adjustment with the ACC2 DIN?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-12-06 18:29:17 UTC
From: crownhaven
Topic: 8642 Message: 8649

I am thinking of buying a Signal Link to get away from the soundcard/speaker issue. I'm glad to hear someone out there is using one. Any other words of wisdom Dave???????

Jonathan, let us know how it turns out? Are you using an 850 or a 450?

Steve, N4JQQ

"Lack of money is the root of all

evil." S.C.

From: Dave ve3wej <ve3wej@gmail.com>
To: TS-850_450_690@yahoogroups.com
Sent: Sun, December 6, 2009 9:37:31 AM
Subject: Re: [TS-850_450_690] Recieve Audio Level Adjustment with the ACC2 DIN?

adjust the trimpot IN the signal link, and then make sure your sound card is up fully, until overload level, then back off slightly

my 850 has more than enough for all modes. if yours is only a problem on psk, then check your software. it may be contolling volume on your soundcard separate from other apps

----- Original Message -----
From: Jonathan
To: TS-850_450_690@ yahoogroups. com
Sent: Sunday, December 06, 2009 9:00 AM
Subject: [TS-850_450_ 690] Recieve Audio Level Adjustment with the ACC2 DIN?

I am using a Tigertronics SignaLink USB with the 13-pin ACC2 DIN on the rear for my receive audio. I have to crank the RX control fully clockwise to get just a modicum of audio to my PC for PSK31. Is there a control trimpot or other that allows me to raise this level to put the RX control in a useful middle range?
Those who use this configuration may be able to immediately understand what I mean.
Best regards and thx in advance.
Jonathan KC7FYS

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

8650. Re: [TS-850_450_690] Recieve Audio Level Adjustment with the ACC2 DIN?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-12-06 18:51:32 UTC
From: Josh Gibbs
Topic: 8642 Message: 8650

Not sure if someone already mentioned, but there is a jumper (J2) inside the SignaLink (right behind the RX pot) that will boost the receive audio level.

That said, most people don't need it, so I would double-check all your levels before setting the jumper.

-Josh KD7PAJ (TS-450S/AT)

8651. Re: [TS-850_450_690] Recieve Audio Level Adjustment with the ACC2 DIN?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-12-06 20:39:24 UTC
From: Joe Doyle
Topic: 8642 Message: 8651

Josh (and to all),

Yes, It took me awhile to figure that out but through trial and error, it brought the audio level from the 30% range to the max (via DM780). If you had only sent this message out a couple weeks ago!!

73's

Joe
N9RYM

--- On Sun, 12/6/09, Josh Gibbs <gibbsjj@...> wrote:

From: Josh Gibbs <gibbsjj@gmail.com>
Subject: Re: [TS-850_450_690] Recieve Audio Level Adjustment with the ACC2 DIN?
To: TS-850_450_690@yahoogroups.com
Date: Sunday, December 6, 2009, 6:51 PM

Not sure if someone already mentioned, but there is a jumper (J2)
inside the SignaLink (right behind the RX pot) that will boost the
receive audio level.

That said, most people don't need it, so I would double-check all your
levels before setting the jumper.

-Josh KD7PAJ (TS-450S/AT)

[Non-text portions of this message have been removed]

8652. Thanks, re: cw filters

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-12-06 21:43:23 UTC
From: cwcodebug
Topic: 8652 Message: 8652

I joined this group and made my first post yesterday, and already I received several rerplys with the info I was looking for. Thanks guys, Frank, AA2XB

8653. Re: Recieve Audio Level Adjustment with the ACC2 DIN?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-12-06 23:09:05 UTC
From: ah6rr1
Topic: 8642 Message: 8653

I have been using the Signalink USB for over a year now on my 850 and I love it. I have won the Triple Play WAS award #197. I too had to adjust the RX audio in the Signlink but that was easy. It is a very good piece of equipment the only problem is I get RF feed back on 40 when I run the amp and when I TX in SSB (barefoot and with the amp). I have tried everything except working on the ACC2 Plug in the radio.
I use DM780 and I find it to be the best multimode digital soundcard program available and the price cant be beat it's FREE!!!!.
Have fun and Good Digital DX
Roland AH6RR

--- In TS-850_450_690@yahoogroups.com, crownhaven <crownhaven@...> wrote:
>
> I am thinking of buying a Signal Link to get away from the soundcard/speaker issue. I'm glad to hear someone out there is using one. Any other words of wisdom Dave???????
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> Jonathan, let us know how it turns out? Are you using an 850 or a 450?
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> To: TS-850_450_690@yahoogroups.com
> Sent: Sun, December 6, 2009 9:37:31 AM
> Subject: Re: [TS-850_450_690] Recieve Audio Level Adjustment with the ACC2 DIN?
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>
> adjust the trimpot IN the signal link, and then make sure your sound card is up fully, until overload level, then back off slightly
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>
> ----- Original Message -----
> From: Jonathan
> To: TS-850_450_690@ yahoogroups. com
> Sent: Sunday, December 06, 2009 9:00 AM
> Subject: [TS-850_450_ 690] Recieve Audio Level Adjustment with the ACC2 DIN?

>
> I am using a Tigertronics SignaLink USB with the 13-pin ACC2 DIN on the rear for my receive audio. I have to crank the RX control fully clockwise to get just a modicum of audio to my PC for PSK31. Is there a control trimpot or other that allows me to raise this level to put the RX control in a useful middle range?
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> Jonathan KC7FYS
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8654. RE: [TS-850_450_690] Recieve Audio Level Adjustment with the ACC2 DIN?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-12-07 00:41:10 UTC
From: Richard Schmuke
Topic: 8642 Message: 8654

I have a Signalink on my 450 SAT . I plugged it in and it worked great right out of the box on PSK-31. I have not tried any other modes. I like the idea of leaving the mike hooked up and not needing the sound card fir the radio, the settings for the computer sound card are independent of the Signalink.

Rich , KDØZZ

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com] On Behalf Of crownhaven
Sent: Sunday, December 06, 2009 12:29 PM
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] Recieve Audio Level Adjustment with the ACC2 DIN?

I am thinking of buying a Signal Link to get away from the soundcard/speaker issue. I'm glad to hear someone out there is using one. Any other words of wisdom Dave???????

Jonathan, let us know how it turns out? Are you using an 850 or a 450?

Steve, N4JQQ

"Lack of money is the root of all

evil." S.C.

From: Dave ve3wej <ve3wej@... <mailto:ve3wej%40gmail.com> >
To: TS-850_450_690@yahoogroups.com <mailto:TS-850_450_690%40yahoogroups.com>
Sent: Sun, December 6, 2009 9:37:31 AM
Subject: Re: [TS-850_450_690] Recieve Audio Level Adjustment with the ACC2 DIN?

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----- Original Message -----
From: Jonathan
To: TS-850_450_690@ yahoogroups. com
Sent: Sunday, December 06, 2009 9:00 AM
Subject: [TS-850_450_ 690] Recieve Audio Level Adjustment with the ACC2 DIN?

I am using a Tigertronics SignaLink USB with the 13-pin ACC2 DIN on the rear for my receive audio. I have to crank the RX control fully clockwise to get just a modicum of audio to my PC for PSK31. Is there a control trimpot or other that allows me to raise this level to put the RX control in a useful middle range?

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No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 8.5.426 / Virus Database: 270.14.96/2548 - Release Date: 12/06/09 07:30:00

[Non-text portions of this message have been removed]

8655. Re: kenwood ts-450 cw filters

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-12-07 13:20:30 UTC
From: n0sya
Topic: 8643 Message: 8655

Hi
As said, the 8.8mHz 1st IF (this is really the 2nd IF) filters will usualy have a poorer shape factor than their equivalent at 455kHz 2nd IF (wich is really the 3rd IF), and this is due to several reasons, such as higher q factor in the lower frequency filter (455kHz) and quality filters at higher frequencies are generaly much harder to construct with repeatable results. You seldom see amateurs constructing high quality 455kHz filters, let alone 8.8mHz filters. The reason why is because high quality crystal filter design and construction is still a black art to most amateurs.

Also, you want the selectivity to be just before the detector if you have a choice, but then again there's something to be said about selectivity as early in the IF chain as possible. When you have the 8.8mHz IF cw filter installed, but no 455kHz cw filter installed, the 455kHz filter that is employed will be passing around 2.4kHz or more of IF noise that it wouldn't if you had the cw filter installed in the 455kHz IF. Having the same selectivity in each IF is the best that you can get.

just some thoughts for you

Chris

8656. Recieve Audio Level Adjustment with the ACC2 DIN?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-12-07 04:29:19 UTC
From: Jonathan
Topic: 8642 Message: 8656

I am using a Tigertronics SignaLink USB with the 13-pin ACC2 DIN on the rear for my receive audio. I have to crank the RX control fully clockwise to get just a modicum of audio to my PC for PSK31. Is there a control trimpot or other that allows me to raise this level to put the RX control in a useful middle range?
Those who use this configuration may be able to immediately understand what I mean.
Best regards and thx in advance.
Jonathan KC7FYS

8657. Re: Recieve Audio Level Adjustment with the ACC2 DIN?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-12-07 04:30:45 UTC
From: Jonathan
Topic: 8642 Message: 8657

TS-850S. I have the RX knob rotated fully clockwise. Hm.
Jonathan

--- In TS-850_450_690@yahoogroups.com, crownhaven <crownhaven@...> wrote:
>
> I am thinking of buying a Signal Link to get away from the soundcard/speaker issue. I'm glad to hear someone out there is using one. Any other words of wisdom Dave???????
>
> Jonathan, let us know how it turns out? Are you using an 850 or a 450?
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> Steve, N4JQQ
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> To: TS-850_450_690@yahoogroups.com
> Sent: Sun, December 6, 2009 9:37:31 AM
> Subject: Re: [TS-850_450_690] Recieve Audio Level Adjustment with the ACC2 DIN?
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>
> ----- Original Message -----
> From: Jonathan
> To: TS-850_450_690@ yahoogroups. com
> Sent: Sunday, December 06, 2009 9:00 AM
> Subject: [TS-850_450_ 690] Recieve Audio Level Adjustment with the ACC2 DIN?
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> I am using a Tigertronics SignaLink USB with the 13-pin ACC2 DIN on the rear for my receive audio. I have to crank the RX control fully clockwise to get just a modicum of audio to my PC for PSK31. Is there a control trimpot or other that allows me to raise this level to put the RX control in a useful middle range?
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>

8658. Re: Recieve Audio Level Adjustment with the ACC2 DIN?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-12-07 04:51:04 UTC
From: Jonathan
Topic: 8642 Message: 8658

That jumper JP2 did the trick. Thanks. Now it sits at 12:00 and I get a pretty good yellow/blue balance with lots of wiggle room on ccw and cw rotation.
Thanks!
Jonathan KC7FYS

--- In TS-850_450_690@yahoogroups.com, Josh Gibbs <gibbsjj@...> wrote:
>
> Not sure if someone already mentioned, but there is a jumper (J2)
> inside the SignaLink (right behind the RX pot) that will boost the
> receive audio level.
>
> That said, most people don't need it, so I would double-check all your
> levels before setting the jumper.
>
> -Josh KD7PAJ (TS-450S/AT)
>

8659. Re: [TS-850_450_690] Re: Recieve Audio Level Adjustment with the ACC2 DIN?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-12-08 12:46:31 UTC
From: Crownhaven
Topic: 8642 Message: 8659

Roland, thanks. Isn't RF feedback a typical problem with the TS-850S when using AFSK??????? I think it has been documented. There might even be a fix out there. I always ran RTTY in FSK on my 850 prior to PSK, etc. and it never was an issue. I run the AFSK stuff on my 870 which doesn't have this glitch.

I wonder if anyone else out there notices the feedback/distortion on SSB when the Signalink is connected to their 850/450?????

Steve, N4JQQ

ah6rr1 wrote:
>
> I have been using the Signalink USB for over a year now on my 850 and
> I love it. I have won the Triple Play WAS award #197. I too had to
> adjust the RX audio in the Signlink but that was easy. It is a very
> good piece of equipment the only problem is I get RF feed back on 40
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> have tried everything except working on the ACC2 Plug in the radio.
> I use DM780 and I find it to be the best multimode digital soundcard
> program available and the price cant be beat it's FREE!!!!.
> Have fun and Good Digital DX
> Roland AH6RR
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> --- In TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>, crownhaven <crownhaven@...>
> wrote:
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> soundcard/speaker issue. I'm glad to hear someone out there is using
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> > From: Dave ve3wej <ve3wej@...>
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> <mailto:TS-850_450_690%40yahoogroups.com>
> > Sent: Sun, December 6, 2009 9:37:31 AM
> > Subject: Re: [TS-850_450_690] Recieve Audio Level Adjustment with
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> > ----- Original Message -----
> > From: Jonathan
> > To: TS-850_450_690@ yahoogroups. com
> > Sent: Sunday, December 06, 2009 9:00 AM
> > Subject: [TS-850_450_ 690] Recieve Audio Level Adjustment with the
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> > [Non-text portions of this message have been removed]
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>

8660. Re: [TS-850_450_690] Re: Recieve Audio Level Adjustment with the ACC2 DIN?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-12-08 14:15:46 UTC
From: Darl Deeds
Topic: 8642 Message: 8660

I used my TS-850 with a Signal Link for almost a year with no problems on SSB and PSK and RTTY. I set the Signal Link according to the directions and nothing further was needed.

Darl NA8W

From: "Crownhaven" <crownhaven@...>
Sent: Tuesday, December 08, 2009 7:46 AM
To: <TS-850_450_690@yahoogroups.com>
Subject: Re: [TS-850_450_690] Re: Recieve Audio Level Adjustment with the ACC2 DIN?

> Roland, thanks. Isn't RF feedback a typical problem with the TS-850S
> when using AFSK??????? I think it has been documented. There might even
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>> > To: TS-850_450_690@ yahoogroups. com
>> > Sent: Sunday, December 06, 2009 9:00 AM
>> > Subject: [TS-850_450_ 690] Recieve Audio Level Adjustment with the
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> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>
>

8661. Re: [TS-850_450_690] Re: Recieve Audio Level Adjustment with the ACC2 DIN?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-12-08 14:21:32 UTC
From: Crownhaven
Topic: 8642 Message: 8661

Thanks Darl.....interesting. Anything I connect to my 850s, 450s, two of each, to run AFSK, cause the RF feedback. That is with two different devices too.

Steve, N4JQQ

Darl Deeds wrote:
> I used my TS-850 with a Signal Link for almost a year with no problems on
> SSB and PSK and RTTY. I set the Signal Link according to the directions and
> nothing further was needed.
>
> Darl NA8W
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> ----------
> From: "Crownhaven" <crownhaven@...>
> Sent: Tuesday, December 08, 2009 7:46 AM
> To: <TS-850_450_690@yahoogroups.com>
> Subject: Re: [TS-850_450_690] Re: Recieve Audio Level Adjustment with the
> ACC2 DIN?
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>> Roland, thanks. Isn't RF feedback a typical problem with the TS-850S
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>>> <mailto:TS-850_450_690%40yahoogroups.com>
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>>>> Sent: Sun, December 6, 2009 9:37:31 AM
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>> ------------------------------------
>>
>> THANKS FOR USING TS-850_450_690@...! Groups Links
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8662. Re: Recieve Audio Level Adjustment with the ACC2 DIN?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-12-08 18:09:24 UTC
From: avvidclif
Topic: 8642 Message: 8662

Think power cord length and antenna proximity.

Clif

--- In TS-850_450_690@yahoogroups.com, Crownhaven <crownhaven@...> wrote:
>
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> > From: "Crownhaven" <crownhaven@...>
> > Sent: Tuesday, December 08, 2009 7:46 AM
> > To: <TS-850_450_690@yahoogroups.com>
> > Subject: Re: [TS-850_450_690] Re: Recieve Audio Level Adjustment with the
> > ACC2 DIN?
> >
> >
> > >> Roland, thanks. Isn't RF feedback a typical problem with the TS-850S
> > >> when using AFSK??????? I think it has been documented. There might even
> > >> be a fix out there. I always ran RTTY in FSK on my 850 prior to PSK,
> > >> etc. and it never was an issue. I run the AFSK stuff on my 870 which
> > >> doesn't have this glitch.
> > >>
> > >> I wonder if anyone else out there notices the feedback/distortion on SSB
> > >> when the Signalink is connected to their 850/450?????
> > >>
> > >> Steve, N4JQQ
> > >>
> > >> ah6rr1 wrote:
> > >>
> > >>> I have been using the Signalink USB for over a year now on my 850 and
> > >>> I love it. I have won the Triple Play WAS award #197. I too had to
> > >>> adjust the RX audio in the Signlink but that was easy. It is a very
> > >>> good piece of equipment the only problem is I get RF feed back on 40
> > >>> when I run the amp and when I TX in SSB (barefoot and with the amp). I

> >>> have tried everything except working on the ACC2 Plug in the radio.
> >>> I use DM780 and I find it to be the best multimode digital soundcard
> >>> program available and the price cant be beat it's FREE!!!!.
> >>> Have fun and Good Digital DX
> >>> Roland AH6RR
> >>>
> >>> --- In TS-850_450_690@yahoogroups.com
> >>> <mailto:TS-850_450_690%40yahoogroups.com>, crownhaven <crownhaven@>
> >>> wrote:
> >>>
> >>>> I am thinking of buying a Signal Link to get away from the
> >>>>
> >>> soundcard/speaker issue. I'm glad to hear someone out there is using
> >>> one. Any other words of wisdom Dave???????
> >>>
> >>>> Jonathan, let us know how it turns out? Are you using an 850 or a 450?
> >>>>
> >>>> Steve, N4JQQ
> >>>>
> >>>> "Lack of money is the root of all
> >>>>
> >>>>
> >>>> evil." S.C.
> >>>>
> >>>>
> >>>>
> >>>>
> >>>> _____
> >>>> From: Dave ve3wej <ve3wej@>
> >>>> To: TS-850_450_690@yahoogroups.com
> >>>>
> >>> <mailto:TS-850_450_690%40yahoogroups.com>
> >>>
> >>>> Sent: Sun, December 6, 2009 9:37:31 AM
> >>>> Subject: Re: [TS-850_450_690] Recieve Audio Level Adjustment with
> >>>>
> >>> the ACC2 DIN?
> >>>
> >>>> adjust the trimpot IN the signal link, and then make sure your sound
> >>>>
> >>> card is up fully, until overload level, then back off slightly
> >>>
> >>>> my 850 has more than enough for all modes. if yours is only a
> >>>>
> >>> problem on psk, then check your software. it may be contolling volume
> >>> on your soundcard separate from other apps
> >>>
> >>>> ----- Original Message -----
> >>>> From: Jonathan
> >>>> To: TS-850_450_690@ yahoogroups. com

> >>>> Sent: Sunday, December 06, 2009 9:00 AM
> >>>> Subject: [TS-850_450_ 690] Recieve Audio Level Adjustment with the
> >>>>
> >>> ACC2 DIN?
> >>>
> >>>> I am using a Tigertronics SignaLink USB with the 13-pin ACC2 DIN on
> >>>>
> >>> the rear for my receive audio. I have to crank the RX control fully
> >>> clockwise to get just a modicum of audio to my PC for PSK31. Is there
> >>> a control trimpot or other that allows me to raise this level to put
> >>> the RX control in a useful middle range?
> >>>
> >>>> Those who use this configuration may be able to immediately
> >>>>
> >>> understand what I mean.
> >>>
> >>>> Best regards and thx in advance.
> >>>> Jonathan KC7FYS
> >>>>
> >>>> [Non-text portions of this message have been removed]
> >>>>
> >>>>
> >>>>
> >>>>
> >>>> [Non-text portions of this message have been removed]
> >>>>
> >>>>
> >>>
> >> ------------------------------------
> >>
> >> THANKS FOR USING TS-850_450_690@...! Groups Links
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> > THANKS FOR USING TS-850_450_690@...! Groups Links
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> >

8663. ALC Problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-12-08 20:36:33 UTC
From: Delta
Topic: 8663 Message: 8663

Hello everyone.
I do have a nice Kenwood TS-850s with the classic ALC problem. I've change the R2 and R3 on the DC-DC board to 18K as recommended, and the problem I thought to be solved but unfortunately it reappear after a few time.
What else could I do?

73, Dan YO3IBW

8664. Re: [TS-850_450_690] Re: Recieve Audio Level Adjustment with the ACC2 DIN?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-12-08 21:49:05 UTC
From: Crownhaven
Topic: 8642 Message: 8664

Thanks Clif!!!!!

avvidclif wrote:
>
> Think power cord length and antenna proximity.
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>, Crownhaven <crownhaven@...>
> wrote:
> >
> > Thanks Darl.......interesting. Anything I connect to my 850s, 450s, two
> > of each, to run AFSK, cause the RF feedback. That is with two different
> > devices too.
> >
> > Steve, N4JQQ
> >
> > Darl Deeds wrote:
> > > I used my TS-850 with a Signal Link for almost a year with no
> problems on
> > > SSB and PSK and RTTY. I set the Signal Link according to the
> directions and
> > > nothing further was needed.
> > >
> > > Darl NA8W
> > >
> > > ---
> > > From: "Crownhaven" <crownhaven@...>
> > > Sent: Tuesday, December 08, 2009 7:46 AM
> > > To: <TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>>
> > > Subject: Re: [TS-850_450_690] Re: Recieve Audio Level Adjustment
> with the
> > > ACC2 DIN?
> > >
> > >
> > >> Roland, thanks. Isn't RF feedback a typical problem with the TS-850S
> > >> when using AFSK??????? I think it has been documented. There
> might even
> > >> be a fix out there. I always ran RTTY in FSK on my 850 prior to PSK,
> > >> etc. and it never was an issue. I run the AFSK stuff on my 870 which
> > >> doesn't have this glitch.
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> > >> I wonder if anyone else out there notices the feedback/distortion
> on SSB
> > >> when the Signalink is connected to their 850/450?????
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> > >> Steve, N4JQQ
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> > >> ah6rr1 wrote:
> > >>
> > >>> I have been using the Signalink USB for over a year now on my
> 850 and
> > >>> I love it. I have won the Triple Play WAS award #197. I too had to
> > >>> adjust the RX audio in the Signlink but that was easy. It is a very
> > >>> good piece of equipment the only problem is I get RF feed back on 40
> > >>> when I run the amp and when I TX in SSB (barefoot and with the
> amp). I
> > >>> have tried everything except working on the ACC2 Plug in the radio.
> > >>> I use DM780 and I find it to be the best multimode digital soundcard
> > >>> program available and the price cant be beat it's FREE!!!!.
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> > >>>
> > >>> --- In TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>
> > >>> <mailto:TS-850_450_690%40yahoogroups.com>, crownhaven <crownhaven@>
> > >>> wrote:
> > >>>
> > >>>> I am thinking of buying a Signal Link to get away from the
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> > >>> soundcard/speaker issue. I'm glad to hear someone out there is using
> > >>> one. Any other words of wisdom Dave???????
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> > >>>> Jonathan, let us know how it turns out? Are you using an 850 or
> a 450?
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> > >>>> Steve, N4JQQ
> > >>>>
> > >>>> "Lack of money is the root of all
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> > >>>> _____
> > >>>> From: Dave ve3wej <ve3wej@>
> > >>>> To: TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>
> > >>>>
> > >>> <mailto:TS-850_450_690%40yahoogroups.com>

> > >>>
> > >>>> Sent: Sun, December 6, 2009 9:37:31 AM
> > >>>> Subject: Re: [TS-850_450_690] Recieve Audio Level Adjustment with
> > >>>>
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> > >>>
> > >>>> adjust the trimpot IN the signal link, and then make sure your
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> > >>> card is up fully, until overload level, then back off slightly
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> > >>>> my 850 has more than enough for all modes. if yours is only a
> > >>>>
> > >>> problem on psk, then check your software. it may be contolling
> volume
> > >>> on your soundcard separate from other apps
> > >>>
> > >>>> ----- Original Message -----
> > >>>> From: Jonathan
> > >>>> To: TS-850_450_690@ yahoogroups. com
> > >>>> Sent: Sunday, December 06, 2009 9:00 AM
> > >>>> Subject: [TS-850_450_ 690] Recieve Audio Level Adjustment with the
> > >>>>
> > >>> ACC2 DIN?
> > >>>
> > >>>> I am using a Tigertronics SignaLink USB with the 13-pin ACC2 DIN on
> > >>>>
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> > >>> clockwise to get just a modicum of audio to my PC for PSK31. Is
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> > >>> a control trimpot or other that allows me to raise this level to put
> > >>> the RX control in a useful middle range?
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> > >>>> Those who use this configuration may be able to immediately
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> > >>> understand what I mean.
> > >>>
> > >>>> Best regards and thx in advance.
> > >>>> Jonathan KC7FYS
> > >>>>
> > >>>> [Non-text portions of this message have been removed]
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> > >>>>
> > >>>> [Non-text portions of this message have been removed]
> > >>>>
> > >>>>
> > >>>
> > >> ------------------------------------

> > >>
> > >> THANKS FOR USING TS-850_450_690@...! Groups Links
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8665. Re: ALC Problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-12-09 10:14:30 UTC
From: Delta
Topic: 8663 Message: 8665

On the-same subject I would like to show you what I've find on the net. Another solution to supply the -6V output voltage for the ALC circuit.

http://homepage2.nifty.com/yamada_radio_clinic/archive/850_dc_dc
/850dcdc.htm

What do you think?

Thanks in advance.
Dan, Yo3IBW

--- In TS-850_450_690@yahoogroups.com, "Delta" <dan@...> wrote:
>
> Hello everyone.
> I do have a nice Kenwood TS-850s with the classic ALC problem. I've change the R2 and R3 on the DC-DC board to 18K as recommended, and the problem I thought to be solved but unfortunately it reappear after a few time.
> What else could I do?
>
> 73, Dan YO3IBW
>

8666. TS850S AGC Problem?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-12-09 12:01:52 UTC
From: davidjt01
Topic: 8666 Message: 8666

Gradually getting used to operating this rig - it seems less intuitive than most, but that could just be the operator....
I'm about to fit the Inrad roofing filter but before complicating things further, I need to explore a problem. I noticed yesterday on 80M that SSB signals appear strongest with the AGC off altogether, apparently diminishing as I switch through the positions FAST-MID-SLOW. This does not occur on 20M, for example - (and I do currently have a very poor antenna) but on all bands I get little or no 'S' meter reading without backing off the RF gain a long way, and what I do see then is static as opposed to varying with modulation. I'm guessing I have an AGC fault.
As a novice, I shall be learning as I go along, so any advice or suggestions would be very much appreciated.
M0DKN

8667. Re: ALC Problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-12-09 16:43:34 UTC
From: n0sya
Topic: 8663 Message: 8667

--- In TS-850_450_690@yahoogroups.com, "Delta" <dan@...> wrote:
>
> Hello everyone.
> I do have a nice Kenwood TS-850s with the classic ALC problem. I've change the R2 and R3 on the DC-DC board to 18K as recommended, and the problem I thought to be solved but unfortunately it reappear after a few time.
> What else could I do?
>
> 73, Dan YO3IBW
>

I think replacing the active components on the alc board may help in this case.

CHris

8668. Re: ALC Problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-12-09 20:29:49 UTC
From: Delta
Topic: 8663 Message: 8668

This could be a solution Chris or maybe changing the whole DC-DC board with this, http://homepage2.nifty.com/yamada_radio_clinic/archive/850_dc_dc/850dcdc.htm

By the way, I notice that when the radio is just power on everything is working well, when I use it for few minutes the problem appear. I guess is related to the temperature inside. Any other suggestions?

73! Dan, YO3IBW

--- In TS-850_450_690@yahoogroups.com, "n0sya" <n0sya@...> wrote:
>
>
>
> --- In TS-850_450_690@yahoogroups.com, "Delta" <dan@> wrote:
> >
> > Hello everyone.
> > I do have a nice Kenwood TS-850s with the classic ALC problem. I've change the R2 and R3 on the DC-DC board to 18K as recommended, and the problem I thought to be solved but unfortunately it reappear after a few time.
> > What else could I do?
> >
> > 73, Dan YO3IBW
> >
>
> I think replacing the active components on the alc board may help in this case.
>
> CHris
>

8669. Re: TS850S AGC Problem?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-12-10 14:05:07 UTC
From: n0sya
Topic: 8666 Message: 8669

Hi
You might look at this site:
http://n6tr.jzap.com/850repair.html
Many fixes for the 850 there.

8670. Re: TS850S AGC Problem?

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-12-10 17:25:04 UTC
From: David Turney
Topic: 8666 Message: 8670

Thanks for the tip.M0DKN

[Non-text portions of this message have been removed]

8671. Re: [TS-850_450_690] Re: ALC Problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-12-10 22:00:51 UTC
From: rupert walford
Topic: 8663 Message: 8671

Re ALC problem the alc on my 850 goes all the way across the scale with the mic turned all the way back,on all the bands with a resonant antenna any help here.

----- Original Message -----
From: Delta
To: TS-850_450_690@yahoogroups.com
Sent: Wednesday, December 09, 2009 5:14 AM
Subject: [TS-850_450_690] Re: ALC Problem

On the-same subject I would like to show you what I've find on the net. Another solution to supply the -6V output voltage for the ALC circuit.

http://homepage2.nifty.com/yamada_radio_clinic/archive/850_dc_dc
/850dcdc.htm

What do you think?

Thanks in advance.
Dan, Yo3IBW

--- In TS-850_450_690@yahoogroups.com, "Delta" <dan@...> wrote:
>
> Hello everyone.
> I do have a nice Kenwood TS-850s with the classic ALC problem. I've change the R2 and R3 on the DC-DC board to 18K as recommended, and the problem I thought to be solved but unfortunately it reappear after a few time.
> What else could I do?
>
> 73, Dan YO3IBW
>

[Non-text portions of this message have been removed]

8672. Re: [TS-850_450_690] Re: ALC Problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-12-10 23:16:52 UTC
From: Dave ve3wej
Topic: 8663 Message: 8672

can you back monitor (moni) button pressed in, to see if maybe tthere actually is still audio being sent.. rf feedback maybe???

----- Original Message -----
From: rupert walford
To: TS-850_450_690@yahoogroups.com
Sent: Thursday, December 10, 2009 5:00 PM
Subject: Re: [TS-850_450_690] Re: ALC Problem

Re ALC problem the alc on my 850 goes all the way across the scale with the mic turned all the way back,on all the bands with a resonant antenna any help here.

----- Original Message -----
From: Delta
To: TS-850_450_690@yahoogroups.com
Sent: Wednesday, December 09, 2009 5:14 AM
Subject: [TS-850_450_690] Re: ALC Problem

On the-same subject I would like to show you what I've find on the net. Another solution to supply the -6V output voltage for the ALC circuit.

http://homepage2.nifty.com/yamada_radio_clinic/archive/850_dc_dc
/850dcdc.htm

What do you think?

Thanks in advance.
Dan, Yo3IBW

--- In TS-850_450_690@yahoogroups.com, "Delta" <dan@...> wrote:
>
> Hello everyone.
> I do have a nice Kenwood TS-850s with the classic ALC problem. I've change the R2 and R3 on the DC-DC board to 18K as recommended, and the problem I thought to be solved but unfortunately it reappear after a few time.
> What else could I do?
>
> 73, Dan YO3IBW
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

8673. Re: ALC Problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-12-11 00:03:32 UTC
From: Delta
Topic: 8663 Message: 8673

As I was saying, it's a classic problem on the TS850s. My question is, what is the best solution on this? Should we change the active components (Transistors and Diodes) on the DC DC board and keep the 199x Kenwood solution to generate the -6V or replace the entire faulty board with a brand new circuit using the LTC1144, one resistor and probably one capacitor...?

73, Dan YO3IBW

--- In TS-850_450_690@yahoogroups.com, "rupert walford" <elvyn@...> wrote:
>
> Re ALC problem the alc on my 850 goes all the way across the scale with the mic turned all the way back,on all the bands with a resonant antenna any help here.
>
>
>
>
>
>
>
> ----- Original Message -----
> From: Delta
> To: TS-850_450_690@yahoogroups.com
> Sent: Wednesday, December 09, 2009 5:14 AM
> Subject: [TS-850_450_690] Re: ALC Problem
>
>
>
> On the-same subject I would like to show you what I've find on the net. Another solution to supply the -6V output voltage for the ALC circuit.
>
> http://homepage2.nifty.com/yamada_radio_clinic/archive/850_dc_dc
> /850dcdc.htm
>
> What do you think?
>
> Thanks in advance.
> Dan, Yo3IBW
>
> --- In TS-850_450_690@yahoogroups.com, "Delta" <dan@> wrote:
> >
> > Hello everyone.
> > I do have a nice Kenwood TS-850s with the classic ALC problem. I've change the R2 and R3 on the DC-DC board to 18K as recommended, and the problem I thought to be solved but unfortunately it reappear after a few time.
> > What else could I do?

> >
> > 73, Dan YO3IBW
> >
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

8674. ts850 tf set button

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-12-11 17:42:47 UTC
From: shaun3416
Topic: 8674 Message: 8674

It was some time back when my ts850 stopped working,the dreaded dots and error message,i was led to beleive it was the dds chipps being the old ones.This was not the case, i had two boards and they were both repaired and new capps fitted by john mm3cbo they both are working with the old dds chips.Having got the radio to function the first thing ive found is a very faint crackling noise which will disappear after a few minutes,also if i press the tf set button the receiver sounds much better and like it should sound.Any thoughts on this id be gratefull

Regards Shaun

8675. Re: ALC Problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-12-11 19:15:07 UTC
From: Delta
Topic: 8663 Message: 8675

I've changed the active components on the DC DC board as mentioned here:
http://www.qsl.net/k0bx/TS-850ALC2.htm
and everything is working OK.

73 and thanks!
Dan, YO3IBW

--- In TS-850_450_690@yahoogroups.com, "Delta" <dan@...> wrote:
>
> As I was saying, it's a classic problem on the TS850s. My question is, what is the best solution on this? Should we change the active components (Transistors and Diodes) on the DC DC board and keep the 199x Kenwood solution to generate the -6V or replace the entire faulty board with a brand new circuit using the LTC1144, one resistor and probably one capacitor...?
>
> 73, Dan YO3IBW
>
>
> --- In TS-850_450_690@yahoogroups.com, "rupert walford" <elvyn@> wrote:
> >
> > Re ALC problem the alc on my 850 goes all the way across the scale with the mic turned all the way back,on all the bands with a resonant antenna any help here.
> >
> >
> >
> >
> >
> >
> >
> > ----- Original Message -----
> > From: Delta
> > To: TS-850_450_690@yahoogroups.com
> > Sent: Wednesday, December 09, 2009 5:14 AM
> > Subject: [TS-850_450_690] Re: ALC Problem
> >
> >
> >
> > On the-same subject I would like to show you what I've find on the net. Another solution to supply the -6V output voltage for the ALC circuit.
> >
> > http://homepage2.nifty.com/yamada_radio_clinic/archive/850_dc_dc
> > /850dcdc.htm
> >
> > What do you think?
> >

> > Thanks in advance.
> > Dan, Yo3IBW
> >
> > --- In TS-850_450_690@yahoogroups.com, "Delta" <dan@> wrote:
> > >
> > > Hello everyone.
> > > I do have a nice Kenwood TS-850s with the classic ALC problem. I've change the R2 and R3 on the DC-DC board to 18K as recommended, and the problem I thought to be solved but unfortunately it reappear after a few time.
> > > What else could I do?
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> > > 73, Dan YO3IBW
> > >
> >
> >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>

8676. Re: [TS-850_450_690] Re: ALC Problem

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-12-12 00:12:10 UTC
From: rupert walford
Topic: 8663 Message: 8676

Hi Dave,
did as you suggested no rf feedback,turned carrier control,mic and power coontrols all the way back still the alc spikes all the way to the right no matter the mode on keying the mic.tried it also in a dummy load same result. AGAIN thanks for response.

T

----- Original Message -----
From: Dave ve3wej
To: TS-850_450_690@yahoogroups.com
Sent: Thursday, December 10, 2009 6:16 PM
Subject: Re: [TS-850_450_690] Re: ALC Problem

can you back monitor (moni) button pressed in, to see if maybe tthere actually is still audio being sent.. rf feedback maybe???

----- Original Message -----
From: rupert walford
To: TS-850_450_690@yahoogroups.com
Sent: Thursday, December 10, 2009 5:00 PM
Subject: Re: [TS-850_450_690] Re: ALC Problem

Re ALC problem the alc on my 850 goes all the way across the scale with the mic turned all the way back,on all the bands with a resonant antenna any help here.

----- Original Message -----
From: Delta
To: TS-850_450_690@yahoogroups.com
Sent: Wednesday, December 09, 2009 5:14 AM
Subject: [TS-850_450_690] Re: ALC Problem

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http://homepage2.nifty.com/yamada_radio_clinic/archive/850_dc_dc
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What do you think?

Thanks in advance.
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> Hello everyone.
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> What else could I do?
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>

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[Non-text portions of this message have been removed]

8677. Re: ts850 tf set button

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-12-12 14:34:26 UTC
From: n0sya
Topic: 8674 Message: 8677

Hi
I have suspected that a lot of the dds errors with the 450 and 850 were from bad solder joints and/or the vco tuning caps going bad. You might want to replace the vco caps with something of a better quality. Also, is the vco tuned to specs in the first place? The poor caps may be causing the crackling noise.

The tf set button moves the bfo all the way to the edge of the filter passband by design, and that is why you hear a difference when tf set is activated. Read up on its function in the manual and you will understand its function.

Chris

8678. Re: [TS-850_450_690] ts850 tf set button

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-12-12 03:54:52 UTC
From: Jesus Dominguez Jr
Topic: 8674 Message: 8678

try turning the high slope tune all the way clockwise and the low slope tune all the way counter clockwise.

From: shaun3416 <shaun.townsend@...>
To: TS-850_450_690@yahoogroups.com
Sent: Fri, December 11, 2009 11:42:47 AM
Subject: [TS-850_450_690] ts850 tf set button

It was some time back when my ts850 stopped working,the dreaded dots and error message,i was led to beleive it was the dds chipps being the old ones.This was not the case, i had two boards and they were both repaired and new capps fitted by john mm3cbo they both are working with the old dds chips.Having got the radio to function the first thing ive found is a very faint crackling noise which will disappear after a few minutes,also if i press the tf set button the receiver sounds much better and like it should sound.Any thoughts on this id be gratefull

Regards Shaun

[Non-text portions of this message have been removed]

8679. ERR FE ERROR

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-12-13 20:17:41 UTC
From: Anthony W. DePrato
Topic: 8527 Message: 8679

>Had not used my TS870 for a couple of week as i have been setting up
>and using one of the 950's. was on 10 mts and saw a spot for a
>station i needed on 18 mhz so i fired the 870 up came up for about
>10 secs then the display went to dots with an ERR FE message. can
>not find my book think i loaned it out . anyone have any ideal what
>this error is ?

thanks 73
Tony

QBE ZUT DE WA4JQS

ANTHONY W. (Tony) DePrato WA4JQS EXTRA - HEAVY
Since 1962
CQ DX HALL OF FAME # 35
DXCC HONOR ROLL - 340
A1-OP FISTS # 10573 SKCC #1227 F.O.P. LODGE 68
DXCC PHONE- DXCC CW- DXCC RTTY- DXCC MIXED-5BDXCC
DXCC 80, 40, 20, 15, 10 METERS WAC SSB WAC CW WAC RTTY WAC SAT
South Sandwich Island Dxpedition Group
CALLS HELD:
WA4JQS/ZS1, WA4JQS/KC4, WA4JQS/4K1
ZD8JQS, V31SS, VP8BZL, VP8SSI, 3Y0PI

[Non-text portions of this message have been removed]

8680. Re: [TS-850_450_690] ERR FE ERROR

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-12-13 20:41:30 UTC
From: Dave ve3wej
Topic: 8527 Message: 8680

go to this message http://www.eham.net/reviews/detail/46?page=6 and scroll down . it makes mention about the fe message someelse got maybe it will help you also look at bulletin atb-0020 according to that message

----- Original Message -----
From: Anthony W. DePrato
To: TS-850_450_690@yahoogroups.com
Sent: Sunday, December 13, 2009 3:17 PM
Subject: [TS-850_450_690] ERR FE ERROR

>Had not used my TS870 for a couple of week as i have been setting up
>and using one of the 950's. was on 10 mts and saw a spot for a
>station i needed on 18 mhz so i fired the 870 up came up for about
>10 secs then the display went to dots with an ERR FE message. can
>not find my book think i loaned it out . anyone have any ideal what
>this error is ?

thanks 73
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DXCC 80, 40, 20, 15, 10 METERS WAC SSB WAC CW WAC RTTY WAC SAT
South Sandwich Island Dxpedition Group
CALLS HELD:
WA4JQS/ZS1, WA4JQS/KC4, WA4JQS/4K1
ZD8JQS, V31SS, VP8BZL, VP8SSI, 3Y0PI

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[Non-text portions of this message have been removed]

8681. Re: [TS-850_450_690] ERR FE ERROR

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-12-13 22:21:15 UTC
From: Anthony W. DePrato
Topic: 8527 Message: 8681

>thanks dave read what there was will do a full reset to see it that
>will fix it. can not find ATB -=0020 on kenwood site or via google
>other then where u sent me.

thanks again for the help
73 Tony

QBE ZUT DE WA4JQS

ANTHONY W. (Tony) DePrato WA4JQS EXTRA - HEAVY
Since 1962
CQ DX HALL OF FAME # 35
DXCC HONOR ROLL - 340
A1-OP FISTS # 10573 SKCC #1227 F.O.P. LODGE 68
DXCC PHONE- DXCC CW- DXCC RTTY- DXCC MIXED-5BDXCC
DXCC 80, 40, 20, 15, 10 METERS WAC SSB WAC CW WAC RTTY WAC SAT
South Sandwich Island Dxpedition Group
CALLS HELD:
WA4JQS/ZS1, WA4JQS/KC4, WA4JQS/4K1
ZD8JQS, V31SS, VP8BZL, VP8SSI, 3Y0PI

[Non-text portions of this message have been removed]

8682. Re: [TS-850_450_690] ERR FE ERROR

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-12-14 00:05:24 UTC
From: Anthony W. DePrato
Topic: 8527 Message: 8682

>done the full reset a=b + power on.. and that did not fix it .
>anyone got a list of what error is what ?

73 Tony

QBE ZUT DE WA4JQS

ANTHONY W. (Tony) DePrato WA4JQS EXTRA - HEAVY
Since 1962
CQ DX HALL OF FAME # 35
DXCC HONOR ROLL - 340
A1-OP FISTS # 10573 SKCC #1227 F.O.P. LODGE 68
DXCC PHONE- DXCC CW- DXCC RTTY- DXCC MIXED-5BDXCC
DXCC 80, 40, 20, 15, 10 METERS WAC SSB WAC CW WAC RTTY WAC SAT
South Sandwich Island Dxpedition Group
CALLS HELD:
WA4JQS/ZS1, WA4JQS/KC4, WA4JQS/4K1
ZD8JQS, V31SS, VP8BZL, VP8SSI, 3Y0PI

[Non-text portions of this message have been removed]

8683. Re: [TS-850_450_690] Re: ts850 tf set button

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-12-13 23:06:37 UTC
From: Shauney@btinternet
Topic: 8674 Message: 8683

Hi Chris,
Regarding the tf set button yes i understand now why the reception changes,so it seems its working as it should,another learning curve.The radio could do with a service and every thing checking over,il take it step by step.
Regards Shaun

--- On Sat, 12/12/09, n0sya <ainn0sya@yahoo.com> wrote:

From: n0sya <n0sya@...>
Subject: [TS-850_450_690] Re: ts850 tf set button
To: TS-850_450_690@yahoogroups.com
Date: Saturday, 12 December, 2009, 15:34

Hi
I have suspected that a lot of the dds errors with the 450 and 850 were from bad solder joints and/or the vco tuning caps going bad. You might want to replace the vco caps with something of a better quality. Also, is the vco tuned to specs in the first place? The poor caps may be causing the crackling noise.

The tf set button moves the bfo all the way to the edge of the filter passband by design, and that is why you hear a difference when tf set is activated. Read up on its function in the manual and you will understand its function.

Chris

[Non-text portions of this message have been removed]

8684. SP-31 Speaker For Sale

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-12-14 02:40:49 UTC
From: drensor
Topic: 8684 Message: 8684

I have a nice clean SP-31 that I thought I would offer here before elsewhere. It will ship in the original factory box. $60 + shipping from 48103 in Michigan.

Can email me at densor@...

Thanks,

Doug, K8DE

8685. Re: SP-31 Speaker For Sale

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-12-14 15:29:59 UTC
From: drensor
Topic: 8684 Message: 8685

Somebody asked me offline if this is the speaker that matches the 850. Yes it is, and I believe also the 870 and 790. A link to information is:
http://www.universal-radio.com/catalog/speakers/0694.html

DE

--- In TS-850_450_690@yahoogroups.com, "drensor" <densor@...> wrote:
>
> I have a nice clean SP-31 that I thought I would offer here before elsewhere. It will ship in the original factory box. $60 + shipping from 48103 in Michigan.
>
> Can email me at densor@...
>
> Thanks,
>
> Doug, K8DE
>

8686. Need Advice on TS-450SAT Filters for Digital modes

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-12-17 19:31:49 UTC
From: KG5KS - Kenny Thompson
Topic: 8686 Message: 8686

I have a Kenwood TS-450SAT HF radio with the Kenwood 1.8 khz filter and would like to add another filter for digital modes such as Pactor, Packet, PSK31 etc. What is best choice for the 455 khz filter and 8830 khz filters ??

Thank you
73
Kenny
ARS KG5KS

[Non-text portions of this message have been removed]

8687. Re: [TS-850_450_690] Need Advice on TS-450SAT Filters for Digital modes

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-12-17 20:21:08 UTC
From: Dave ve3wej
Topic: 8686 Message: 8687

that is all I have, then I use the slope tune (on the 850) and also hamscope (and others) have a band pass for narrowing that works well, so I saw no reason to add more filters in my radio

remember psk @ 31hz, but you may want to see the 3k spectrum to view other ops..

----- Original Message -----
From: KG5KS - Kenny Thompson
To: Pactor
Cc: TS-850_450_690@yahoogroups.com
Sent: Thursday, December 17, 2009 2:31 PM
Subject: [TS-850_450_690] Need Advice on TS-450SAT Filters for Digital modes

I have a Kenwood TS-450SAT HF radio with the Kenwood 1.8 khz filter and would like to add another filter for digital modes such as Pactor, Packet, PSK31 etc. What is best choice for the 455 khz filter and 8830 khz filters ??

Thank you
73
Kenny
ARS KG5KS

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

8688. Re: [TS-850_450_690] Need Advice on TS-450SAT Filters for Digital modes

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-12-18 05:47:29 UTC
From: Tom Osborne
Topic: 8686 Message: 8688

Hi Kenny

I have 2 TS-450SAT'shere and have 2-500 cycle filters in the rig I use mostly for casual rtty and cw operation and 1-500 and 1-250 Inrad cycle filter in the one I use for contesting.

If possible, get the filters from Inrad. They are better than the Kenwood filters. 73
Tom W7WHY

>I have a Kenwood TS-450SAT HF radio with the Kenwood 1.8 khz filter and
>would like to add another filter for digital modes such as Pactor, Packet,
>PSK31 etc. What is best choice for the 455 khz filter and 8830 khz filters
>??
>
> Thank you
> 73
> Kenny
> ARS KG5KS

8689. Re: [TS-850_450_690] Need Advice on TS-450SAT Filters for Digital modes

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-12-18 22:01:17 UTC
From: ka0nem
Topic: 8686 Message: 8689

I was always under the impression that you do not want to run any filters with those digital modes. Doesn't the particular software and modem you use (HRD, FLDIGI et al) do enough filtering, or at least benefit more from unaltered receive audio, especially in weak signal reception?

KA0NEM

On Thu, Dec 17, 2009 at 11:31 AM, KG5KS - Kenny Thompson <kg5ks@...>wrote:

>
>
> I have a Kenwood TS-450SAT HF radio with the Kenwood 1.8 khz filter and
> would like to add another filter for digital modes such as Pactor, Packet,
> PSK31 etc. What is best choice for the 455 khz filter and 8830 khz filters
> ??
>
> Thank you
> 73
> Kenny
> ARS KG5KS
>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

8690. Re: [TS-850_450_690] Need Advice on TS-450SAT Filters for Digital modes

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-12-18 22:48:07 UTC
From: KG5KS - Kenny Thompson
Topic: 8686 Message: 8690

I've never run filters with digital modes, though I might have missed something and maybe needed them...hi Looks like no filters to install and AFSK is still the way to run. I use Kam 98, Kam Plus, HRD, MIXW

Thank you
73
Kenny
ARS KG5KS

From: ka0nem <ka0nem@...>
To: TS-850_450_690@yahoogroups.com
Sent: Fri, December 18, 2009 4:01:17 PM
Subject: Re: [TS-850_450_690] Need Advice on TS-450SAT Filters for Digital modes

I was always under the impression that you do not want to run any filters
with those digital modes. Doesn't the particular software and modem you use
(HRD, FLDIGI et al) do enough filtering, or at least benefit more from
unaltered receive audio, especially in weak signal reception?

KA0NEM

On Thu, Dec 17, 2009 at 11:31 AM, KG5KS - Kenny Thompson <kg5ks@...>wrote:

>
>
> I have a Kenwood TS-450SAT HF radio with the Kenwood 1.8 khz filter and
> would like to add another filter for digital modes such as Pactor, Packet,
> PSK31 etc. What is best choice for the 455 khz filter and 8830 khz filters
> ??
>
> Thank you
> 73
> Kenny
> ARS KG5KS
>
> [Non-text portions of this message have been removed]
>
>
>

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THANKS FOR USING TS-850_450_690@...! Groups Links

[Non-text portions of this message have been removed]

8691. Re: Need Advice on TS-450SAT Filters for Digital modes

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-12-20 02:52:27 UTC
From: ve3iay
Topic: 8686 Message: 8691

If there is a strong signal within your filter passband, it will grab your receiver's AGC and knock the gain down, making copy more difficult on weak stations. Narrow filters make a big difference in RTTY contests when there are lots of strong signals on the band.

73,
Rich VE3KI

--- In TS-850_450_690@yahoogroups.com, KG5KS - Kenny Thompson <kg5ks@...> wrote:
>
> I've never run filters with digital modes, though I might have missed something and maybe needed them...hi Looks like no filters to install and AFSK is still the way to run. I use Kam 98, Kam Plus, HRD, MIXW
>
> Thank you
> 73
> Kenny
> ARS KG5KS
>
>
>
>
>
>
> _____
> From: ka0nem <ka0nem@...>
> To: TS-850_450_690@yahoogroups.com
> Sent: Fri, December 18, 2009 4:01:17 PM
> Subject: Re: [TS-850_450_690] Need Advice on TS-450SAT Filters for Digital modes
>
> I was always under the impression that you do not want to run any filters
> with those digital modes. Doesn't the particular software and modem you use
> (HRD, FLDIGI et al) do enough filtering, or at least benefit more from
> unaltered receive audio, especially in weak signal reception?
>
> KA0NEM
>
> On Thu, Dec 17, 2009 at 11:31 AM, KG5KS - Kenny Thompson <kg5ks@...>wrote:
>
> > >
> > >
> > > I have a Kenwood TS-450SAT HF radio with the Kenwood 1.8 khz filter and
> > > would like to add another filter for digital modes such as Pactor, Packet,
> > > PSK31 etc. What is best choice for the 455 khz filter and 8830 khz filters
> > > ??
> > >
> > > Thank you

> > 73
> > Kenny
> > ARS KG5KS
> >
> > [Non-text portions of this message have been removed]
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> >
> >
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>
> [Non-text portions of this message have been removed]
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> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
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>
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>

8695. TS-850 No TX in Any Mode

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-12-21 20:40:11 UTC
From: ah6rr1
Topic: 8695 Message: 8695

Aloha All,
I have a 850 that needs some help. There is no tx at all in any mode rx is fine. Where should I proceed? This is a friends radio and in need of help. I hope it's not the DDS chips.
Thanks
Roland AH6RR
PS mine is sitll doing Great.

8697. Re: TS-850 No TX in Any Mode

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-12-22 00:50:42 UTC
From: avvidclif
Topic: 8695 Message: 8697

Start with C1 in the Car unit, nestled among those beautiful DDS IC's. It has probably leaked and shorted the TXB line which runs under it. When you get that mess cleaned up then go to the IF unit and locate the Tx/Rx module. The short in the Car board probably melted the solder on the Tx bias transistor. Look closely at the board and you will see it pulled away. You might get by with jusr resoldering it, worth a try anyway. I always just replace them to be safe.

Clif

--- In TS-850_450_690@yahoogroups.com, "ah6rr1" <Toesonnose@...> wrote:
>
> Aloha All,
> I have a 850 that needs some help. There is no tx at all in any mode rx is fine. Where should I proceed? This is a friends radio and in need of help. I hope it's not the DDS chips.
> Thanks
> Roland AH6RR
> PS mine is sitll doing Great.
>

8698. Re: TS-850 No TX in Any Mode

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-12-22 01:58:49 UTC
From: Roland AH6RR
Topic: 8695 Message: 8698

Thanks Clif but the TXB line is OK. I will pull the TRX module and check it out kind of hard to see when it is on the main board even with a magnifier lamp. I did test the TXB and RXB and both were fine, Voltage on RXB in Receive and on TXB in transmit.
Roland AH6RR

[Non-text portions of this message have been removed]

8700. Re: TS-850 No TX in Any Mode

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-12-22 12:02:33 UTC
From: avvidclif
Topic: 8695 Message: 8700

Ok, define "No Tx in Any Mode"? To me that means no tx. If the TXB and RXB are fine and switching is fine it's going into tx.

Clif

--- In TS-850_450_690@yahoogroups.com, "Roland AH6RR" <Toesonnose@...> wrote:
>
> Thanks Clif but the TXB line is OK. I will pull the TRX module and check it out kind of hard to see when it is on the main board even with a magnifier lamp. I did test the TXB and RXB and both were fine, Voltage on RXB in Receive and on TXB in transmit.
> Roland AH6RR
>
>
> [Non-text portions of this message have been removed]
>

8701. s meter

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-12-22 15:19:04 UTC
From: rupert walford
Topic: 8701 Message: 8701

The S meter on my 850 does not function anymore,it receives ok ,attenuators are off and even with the rf gain turned all the back still no reading,the alc indicator has been going full scale for quite awhile now so i don't no if that has contributed to this problem.Any help appreciated.
Rupert
6y5rw

[Non-text portions of this message have been removed]

8702. Re: TS-850 No TX in Any Mode

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-12-22 16:18:41 UTC
From: Roland AH6RR
Topic: 8695 Message: 8702

There is no power out, no bars on the display no current being drawn from the power supply over 3 1/2 amps, nothing in tx in any mode the TX indicator comes on. I was surprised when I saw that the TXB had voltage. I guess I will look at the Relay and final board next.
Roland AH6RR

[Non-text portions of this message have been removed]

8704. Re: [TS-850_450_690] s meter

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-12-22 21:27:07 UTC
From: Dave ve3wej
Topic: 8701 Message: 8704

mine quit a few weeks ago also. fixed mine the easy way. I unplugged my sound card device (wires had started shortingon the 13 pin accessory plug, and killed the s meter. unplugged the sc device, and s meter came back. maybe that is the case with you

Dave Garber
VE3WEJ
----- Original Message -----
From: rupert walford
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, December 22, 2009 10:19 AM
Subject: [TS-850_450_690] s meter

The S meter on my 850 does not function anymore,it receives ok ,attenuators are off and even with the rf gain turned all the back still no reading,the alc indicator has been going full scale for quite awhile now so i don't no if that has contributed to this problem.Any help appreciated.
Rupert
6y5rw

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[Non-text portions of this message have been removed]

8705. Re: [TS-850_450_690] s meter

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-12-22 22:14:40 UTC
From: rupert walford
Topic: 8701 Message: 8705

i do not run a soound card any other ideas

----- Original Message -----
From: Dave ve3wej
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, December 22, 2009 4:27 PM
Subject: Re: [TS-850_450_690] s meter

mine quit a few weeks ago also. fixed mine the easy way. I unplugged my sound card device (wires had started shortingon the 13 pin accessory plug, and killed the s meter. unplugged the sc device, and s meter came back. maybe that is the case with you

Dave Garber
VE3WEJ
----- Original Message -----
From: rupert walford
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, December 22, 2009 10:19 AM
Subject: [TS-850_450_690] s meter

The S meter on my 850 does not function anymore,it receives ok ,attenuators are off and even with the rf gain turned all the back still no reading,the alc indicator has been going full scale for quite awhile now so i don't no if that has contributed to this problem.Any help appreciated.
Rupert
6y5rw

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[Non-text portions of this message have been removed]

8706. Re: [TS-850_450_690] s meter

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-12-22 22:29:08 UTC
From: Dave ve3wej
Topic: 8701 Message: 8706

do the leds still work on transmit??? then check the sm amp board (x59-3830-00)

----- Original Message -----
From: rupert walford
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, December 22, 2009 5:14 PM
Subject: Re: [TS-850_450_690] s meter

i do not run a soound card any other ideas

----- Original Message -----
From: Dave ve3wej
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, December 22, 2009 4:27 PM
Subject: Re: [TS-850_450_690] s meter

mine quit a few weeks ago also. fixed mine the easy way. I unplugged my sound card device (wires had started shortingon the 13 pin accessory plug, and killed the s meter. unplugged the sc device, and s meter came back. maybe that is the case with you

Dave Garber
VE3WEJ
----- Original Message -----
From: rupert walford
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, December 22, 2009 10:19 AM
Subject: [TS-850_450_690] s meter

The S meter on my 850 does not function anymore,it receives ok ,attenuators are off and even with the rf gain turned all the back still no reading,the alc indicator has been going full scale for quite awhile now so i don't no if that has contributed to this problem.Any help appreciated.
Rupert
6y5rw

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8707. Re: [TS-850_450_690] s meter

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-12-22 22:32:34 UTC
From: rupert walford
Topic: 8701 Message: 8707

Dave,is there anything in particular or component to check

----- Original Message -----
From: Dave ve3wej
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, December 22, 2009 5:29 PM
Subject: Re: [TS-850_450_690] s meter

do the leds still work on transmit??? then check the sm amp board (x59-3830-00)

----- Original Message -----
From: rupert walford
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, December 22, 2009 5:14 PM
Subject: Re: [TS-850_450_690] s meter

i do not run a soound card any other ideas

----- Original Message -----
From: Dave ve3wej
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, December 22, 2009 4:27 PM
Subject: Re: [TS-850_450_690] s meter

mine quit a few weeks ago also. fixed mine the easy way. I unplugged my sound card device (wires had started shortingon the 13 pin accessory plug, and killed the s meter. unplugged the sc device, and s meter came back. maybe that is the case with you

Dave Garber
VE3WEJ
----- Original Message -----
From: rupert walford
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, December 22, 2009 10:19 AM
Subject: [TS-850_450_690] s meter

The S meter on my 850 does not function anymore,it receives ok ,attenuators are off and even with the rf gain turned all the back still no reading,the alc indicator has been going full scale for quite awhile now so i don't no if that has contributed to this problem.Any help appreciated.
Rupert
6y5rw

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8708. Re: [TS-850_450_690] s meter

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-12-22 22:48:10 UTC
From: Dave ve3wej
Topic: 8701 Message: 8708

with a receive signal, check for the input and output voltages mentioned in the service manual

I never had to get farthur than looking at the schematic, when my sound card device wa the cause...

you still did not answer the following

do the leds still work on transmit??? then check the sm amp board (x59-3830-00)

----- Original Message -----
From: rupert walford
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, December 22, 2009 5:14 PM
Subject: Re: [TS-850_450_690] s meter

i do not run a soound card any other ideas

----- Original Message -----
From: Dave ve3wej
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, December 22, 2009 4:27 PM
Subject: Re: [TS-850_450_690] s meter

mine quit a few weeks ago also. fixed mine the easy way. I unplugged my sound card device (wires had started shortingon the 13 pin accessory plug, and killed the s meter. unplugged the sc device, and s meter came back. maybe that is the case with you

Dave Garber
VE3WEJ
----- Original Message -----
From: rupert walford
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, December 22, 2009 10:19 AM
Subject: [TS-850_450_690] s meter

The S meter on my 850 does not function anymore,it receives ok ,attenuators are off and even with the rf gain turned all the back still no reading,the alc indicator has been going full scale for quite awhile now so i don't no if that has contributed to this problem.Any help appreciated.
Rupert
6y5rw

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[Non-text portions of this message have been removed]

8709. Re: [TS-850_450_690] s meter

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-12-22 23:04:25 UTC
From: rupert walford
Topic: 8701 Message: 8709

Sorry i do not have a service manual,guess i will try to download 1 ,the leds work on transmit and also full scale reading all the time when meter in alc position

----- Original Message -----
From: Dave ve3wej
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, December 22, 2009 5:48 PM
Subject: Re: [TS-850_450_690] s meter

with a receive signal, check for the input and output voltages mentioned in the service manual

I never had to get farthur than looking at the schematic, when my sound card device wa the cause...

you still did not answer the following

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----- Original Message -----
From: rupert walford
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, December 22, 2009 5:14 PM
Subject: Re: [TS-850_450_690] s meter

i do not run a soound card any other ideas

----- Original Message -----
From: Dave ve3wej
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, December 22, 2009 4:27 PM
Subject: Re: [TS-850_450_690] s meter

mine quit a few weeks ago also. fixed mine the easy way. I unplugged my sound card device (wires had started shortingon the 13 pin accessory plug, and killed the s meter. unplugged the sc device, and s meter came back. maybe that is the case with you

Dave Garber
VE3WEJ
----- Original Message -----
From: rupert walford
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, December 22, 2009 10:19 AM
Subject: [TS-850_450_690] s meter

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help appreciated.
Rupert
6y5rw

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8710. Re: [TS-850_450_690] s meter

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-12-22 23:42:54 UTC
From: Dave ve3wej
Topic: 8701 Message: 8710

service manual available here (among other things)

http://www.wz5q.net/index/manuals.htm

----- Original Message -----
From: rupert walford
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, December 22, 2009 6:04 PM
Subject: Re: [TS-850_450_690] s meter

Sorry i do not have a service manual,guess i will try to download 1 ,the leds work on transmit and also full scale reading all the time when meter in alc position

----- Original Message -----
From: Dave ve3wej
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, December 22, 2009 5:48 PM
Subject: Re: [TS-850_450_690] s meter

with a receive signal, check for the input and output voltages mentioned in the service manual

I never had to get farthur than looking at the schematic, when my sound card device wa the cause...

you still did not answer the following

do the leds still work on transmit??? then check the sm amp board (x59-3830-00)

----- Original Message -----
From: rupert walford
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, December 22, 2009 5:14 PM
Subject: Re: [TS-850_450_690] s meter

i do not run a soound card any other ideas

----- Original Message -----
From: Dave ve3wej
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, December 22, 2009 4:27 PM
Subject: Re: [TS-850_450_690] s meter

mine quit a few weeks ago also. fixed mine the easy way. I unplugged my sound card device (wires had started shortingon the 13 pin accessory plug, and killed the s meter. unplugged the sc device, and s meter came back. maybe that is the case with you

Dave Garber
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Subject: [TS-850_450_690] s meter

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8711. Re: TS-850 No TX in Any Mode

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-12-23 20:05:12 UTC
From: ah6rr1
Topic: 8695 Message: 8711

I followed the TXB all the way to the Final board and had the correct voltage there. I then checked the voltages on the Final Board Transisitors and here is the voltages
Q1 RX Base 0 TX 1.58 Emitter RX 0 TX .84 Collector 13.8 RX & TX
Q2 Base RX 0 TX .67 Emitter 0 RX & TX Collector 13.8 RX & TX
Q3 Base RX 0 TX .67 Emitter 0 RX & TX collector 13.8 RX/TX
Q4 Base RX 0 TX .64 Emitter 0 RX/TX collector 13.8 RX/TX
Q5 same as Q4
Q6 & 7 Base RX 0 TX 1.3 Emitter o RX/tx Collector 13.8 RX/TX
I talked to the owner today and he told me the power supply blew a filter cap and the rectifer with the radio turned on. I did check the DRV Line and got the correct Frequency when in transmit and that was also the same out of the final board to. I did notice the RX is a little low I injected a 50uV signal and only got a S5 reading and it should be a S9. So my Question is where do I go from here I would really like to get this radio going for him as he is off the air until this is fixed.
Thanks
Roland AH6RR

--- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@...> wrote:
>
> Ok, define "No Tx in Any Mode"? To me that means no tx. If the TXB and RXB are fine and switching is fine it's going into tx.
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "Roland AH6RR" <Toesonnose@> wrote:
> >
> > Thanks Clif but the TXB line is OK. I will pull the TRX module and check it out kind of hard to see when it is on the main board even with a magnifier lamp. I did test the TXB and RXB and both were fine, Voltage on RXB in Receive and on TXB in transmit.
> > Roland AH6RR
> >
> >
> > [Non-text portions of this message have been removed]
> >
>

8712. Re: TS-850 No TX in Any Mode

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-12-24 02:00:26 UTC
From: avvidclif
Topic: 8695 Message: 8712

That's not good. The finals don't like over about 16-17v.

You need to measure the drive level coming form the RF unit to the final. Terminate into a 50 ohm load and measure it with a scope. 4-5v min P-P. You can check the final by using the sig gen in place of the RF unit. Key the radio and input 0DBm into the final, you should see about 35-40w out on 20M.

The other problem is the RX. The s-meter should show S-9 at 20uV. 1uV is S-1.

Clif

--- In TS-850_450_690@yahoogroups.com, "ah6rr1" <Toesonnose@...> wrote:
>
> I followed the TXB all the way to the Final board and had the correct voltage there. I then checked the voltages on the Final Board Transisitors and here is the voltages
> Q1 RX Base 0 TX 1.58 Emitter RX 0 TX .84 Collector 13.8 RX & TX
> Q2 Base RX 0 TX .67 Emitter 0 RX & TX Collector 13.8 RX & TX
> Q3 Base RX 0 TX .67 Emitter 0 RX & TX collector 13.8 RX/TX
> Q4 Base RX 0 TX .64 Emitter 0 RX/TX collector 13.8 RX/TX
> Q5 same as Q4
> Q6 & 7 Base RX 0 TX 1.3 Emitter o RX/tx Collector 13.8 RX/TX
> I talked to the owner today and he told me the power supply blew a filter cap and the rectifer with the radio turned on. I did check the DRV Line and got the correct Frequency when in transmit and that was also the same out of the final board to. I did notice the RX is a little low I injected a 50uV signal and only got a S5 reading and it should be a S9. So my Question is where do I go from here I would really like to get this radio going for him as he is off the air until this is fixed.
> Thanks
> Roland AH6RR
>
> --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> >
> > Ok, define "No Tx in Any Mode"? To me that means no tx. If the TXB and RXB are fine and switching is fine it's going into tx.
> >
> > Clif
> >
> > --- In TS-850_450_690@yahoogroups.com, "Roland AH6RR" <Toesonnose@> wrote:
> > >
> > > Thanks Clif but the TXB line is OK. I will pull the TRX module and check it out kind of hard to see when it is on the main board even with a magnifier lamp. I did test the TXB and RXB and both were fine, Voltage on RXB in Receive and on TXB in transmit.
> > > Roland AH6RR
> > >
> > >
> > > [Non-text portions of this message have been removed]

> > >
> >
>

8713. Re: TS-850 No TX in Any Mode

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-12-24 16:27:13 UTC
From: n0sya
Topic: 8695 Message: 8713

"The s-meter should show S-9 at 20uV."

When did s9 start meaning 20uV? It has always been 50uV.

n0sya

8714. Re: [TS-850_450_690] Re: TS-850 No TX in Any Mode

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-12-24 16:56:36 UTC
From: Jordan
Topic: 8695 Message: 8714

The manual says +32dBu should read S-9....That works out to ~40uV on my calculator.....
73...Jordan VE6ZT

----- Original Message -----
From: n0sya
To: TS-850_450_690@yahoogroups.com
Sent: Thursday, December 24, 2009 9:27 AM
Subject: [TS-850_450_690] Re: TS-850 No TX in Any Mode

"The s-meter should show S-9 at 20uV."

When did s9 start meaning 20uV? It has always been 50uV.

n0sya

[Non-text portions of this message have been removed]

8715. RE: [TS-850_450_690] Re: TS-850 No TX in Any Mode

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-12-24 18:23:29 UTC
From: Steve
Topic: 8695 Message: 8715

+32dBu = 20uV according to the Japanese standard in which 0.5uV reference is used and not 1uV. This is clearly seen (thanks Cliff for once pointing this out to me)
On page 96 in the TS-850 SVC MAN

Thanks,
Steve Restinetti
VA3FM / VE3SFV
va3fm@...
ve3sfv@...
Grid: FN25OA

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com] On Behalf Of Jordan
Sent: Thursday, December 24, 2009 11:57 AM
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] Re: TS-850 No TX in Any Mode

The manual says +32dBu should read S-9....That works out to ~40uV on my calculator..... 73...Jordan VE6ZT

----- Original Message -----
From: n0sya
To: TS-850_450_690@yahoogroups.com <mailto:TS-850_450_690%40yahoogroups.com>

Sent: Thursday, December 24, 2009 9:27 AM
Subject: [TS-850_450_690] Re: TS-850 No TX in Any Mode

"The s-meter should show S-9 at 20uV."

When did s9 start meaning 20uV? It has always been 50uV.

n0sya

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[Non-text portions of this message have been removed]

8716. Re: [TS-850_450_690] Re: TS-850 No TX in Any Mode

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-12-24 18:48:29 UTC
From: Jordan
Topic: 8695 Message: 8716

Sorry to dispute your claim, but the manual clearly states that for S-9, the signal generator is to be set at a level of 32dBuV, and not 32dB over .5uV....
The "Preference" chart shows equivalent levels based on a Japanese standard of 0dB = .5uV....it does not say 0dBu = .5uV as that would not be true...
73...Jordan VE6ZT

----- Original Message -----
From: Steve
To: TS-850_450_690@yahoogroups.com
Sent: Thursday, December 24, 2009 11:23 AM
Subject: RE: [TS-850_450_690] Re: TS-850 No TX in Any Mode

+32dBu = 20uV according to the Japanese standard in which 0.5uV reference is used and not 1uV. This is clearly seen (thanks Cliff for once pointing this out to me)
On page 96 in the TS-850 SVC MAN

Thanks,
Steve Restinetti
VA3FM / VE3SFV
va3fm@...
ve3sfv@...
Grid: FN25OA

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com] On Behalf Of Jordan
Sent: Thursday, December 24, 2009 11:57 AM
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] Re: TS-850 No TX in Any Mode

The manual says +32dBu should read S-9....That works out to ~40uV on my calculator..... 73...Jordan VE6ZT

----- Original Message -----
From: n0sya
To: TS-850_450_690@yahoogroups.com <mailto:TS-850_450_690%40yahoogroups.com>

Sent: Thursday, December 24, 2009 9:27 AM
Subject: [TS-850_450_690] Re: TS-850 No TX in Any Mode

"The s-meter should show S-9 at 20uV."

When did s9 start meaning 20uV? It has always been 50uV.

n0sya

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[Non-text portions of this message have been removed]

8717. Re: TS-850 No TX in Any Mode

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-12-24 20:55:28 UTC
From: avvidclif
Topic: 8695 Message: 8717

Read the chart on page 96 of the service manual. It shows the difference. 30Db = 15.8uV ergo 32 Db = 20uV and they clearly show 0dB as .5uV. Their reference is not the same as ours

On the newer radios they dropped the Japanese DbuV and went with dBm. And the S-9 setting is -81dBm which calculates (and is stated in the TS50 manual) to 20uV.

FWIW S-1 = -107 dBm = 1uV.

Clif

--- In TS-850_450_690@yahoogroups.com, "Jordan" <Outposter30@...> wrote:
>
> Sorry to dispute your claim, but the manual clearly states that for S-9, the signal generator is to be set at a level of 32dBuV, and not 32dB over .5uV....
> The "Preference" chart shows equivalent levels based on a Japanese standard of 0dB = .5uV....it does not say 0dBu = .5uV as that would not be true...
> 73...Jordan VE6ZT
>
> ----- Original Message -----
> From: Steve
> To: TS-850_450_690@yahoogroups.com
> Sent: Thursday, December 24, 2009 11:23 AM
> Subject: RE: [TS-850_450_690] Re: TS-850 No TX in Any Mode
>
>
>
> +32dBu = 20uV according to the Japanese standard in which 0.5uV reference is
> used and not 1uV. This is clearly seen (thanks Cliff for once pointing this
> out to me)
> On page 96 in the TS-850 SVC MAN
>
> Thanks,
> Steve Restinetti
> VA3FM / VE3SFV
> va3fm@...
> ve3sfv@...
> Grid: FN25OA
>
> From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
> On Behalf Of Jordan
> Sent: Thursday, December 24, 2009 11:57 AM
> To: TS-850_450_690@yahoogroups.com
> Subject: Re: [TS-850_450_690] Re: TS-850 No TX in Any Mode
>
>

> The manual says +32dBu should read S-9....That works out to ~40uV on my
> calculator..... 73...Jordan VE6ZT
>
> ----- Original Message -----
> From: n0sya
> To: TS-850_450_690@yahoogroups.com <mailto:TS-850_450_690%40yahoogroups.com>
>
> Sent: Thursday, December 24, 2009 9:27 AM
> Subject: [TS-850_450_690] Re: TS-850 No TX in Any Mode
>
> "The s-meter should show S-9 at 20uV."
>
> When did s9 start meaning 20uV? It has always been 50uV.
>
> n0sya
>
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>
>
>
> [Non-text portions of this message have been removed]
>

8718. RE: [TS-850_450_690] Re: TS-850 No TX in Any Mode

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-12-24 21:27:16 UTC
From: Steve
Topic: 8695 Message: 8718

It's about time they adapt to the dBm standard as the rest of the World has for how long now? ;)

Thanks,
Steve Restinetti
VA3FM / VE3SFV
va3fm@...
ve3sfv@...
Grid: FN25OA

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of avvidclif
Sent: Thursday, December 24, 2009 3:55 PM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] Re: TS-850 No TX in Any Mode

Read the chart on page 96 of the service manual. It shows the difference. 30Db = 15.8uV ergo 32 Db = 20uV and they clearly show 0dB as .5uV. Their reference is not the same as ours

On the newer radios they dropped the Japanese DbuV and went with dBm. And the S-9 setting is -81dBm which calculates (and is stated in the TS50 manual) to 20uV.

FWIW S-1 = -107 dBm = 1uV.

Clif

--- In TS-850_450_690@yahoogroups.com <mailto:TS-850_450_690%40yahoogroups.com> , "Jordan" <Outposter30@...> wrote:
>
> Sorry to dispute your claim, but the manual clearly states that for S-9, the signal generator is to be set at a level of 32dBuV, and not 32dB over .5uV....
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> To: TS-850_450_690@yahoogroups.com <mailto:TS-850_450_690%40yahoogroups.com>
> Sent: Thursday, December 24, 2009 11:23 AM
> Subject: RE: [TS-850_450_690] Re: TS-850 No TX in Any Mode
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>
>
> +32dBu = 20uV according to the Japanese standard in which 0.5uV reference
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> used and not 1uV. This is clearly seen (thanks Cliff for once pointing
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> Thanks,
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>
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<mailto:TS-850_450_690%40yahoogroups.com>
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> Sent: Thursday, December 24, 2009 11:57 AM
> To: TS-850_450_690@yahoogroups.com
<mailto:TS-850_450_690%40yahoogroups.com>
> Subject: Re: [TS-850_450_690] Re: TS-850 No TX in Any Mode
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>
> The manual says +32dBu should read S-9....That works out to ~40uV on my
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> To: TS-850_450_690@yahoogroups.com
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> n0sya
>
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8719. Re: Need Advice on TS-450SAT Filters for Digital modes

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-12-24 23:13:41 UTC
From: kc5cqw
Topic: 8686 Message: 8719

I usually leave the filters in the normal SSB settings and use the notch filter for stations that don't know how to adjust the mic gain. You know the ones that splatter all over the passband!

--- In TS-850_450_690@yahoogroups.com, KG5KS - Kenny Thompson <kg5ks@...> wrote:
>
> I have a Kenwood TS-450SAT HF radio with the Kenwood 1.8 khz filter and would like to add another filter for digital modes such as Pactor, Packet, PSK31 etc. What is best choice for the 455 khz filter and 8830 khz filters ??
>
> Thank you
> 73
> Kenny
> ARS KG5KS
>
>
>
>
> [Non-text portions of this message have been removed]
>

8720. Re: [TS-850_450_690] s meter

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-12-25 03:28:44 UTC
From: rupert walford
Topic: 8701 Message: 8720

Dave was just about to lift the top cover off when i decided to check all modes and now see that on fm the s meter works and only on fm does it work. does that still point to the board you mentioned.
seasons greetings to all.

----- Original Message -----
From: Dave ve3wej
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, December 22, 2009 5:48 PM
Subject: Re: [TS-850_450_690] s meter

with a receive signal, check for the input and output voltages mentioned in the service manual

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you still did not answer the following

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From: rupert walford
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, December 22, 2009 5:14 PM
Subject: Re: [TS-850_450_690] s meter

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To: TS-850_450_690@yahoogroups.com
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Dave Garber
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From: rupert walford
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, December 22, 2009 10:19 AM
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Rupert
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[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

8721. Re: [TS-850_450_690] s meter

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-12-25 04:31:54 UTC
From: Dave ve3wej
Topic: 8701 Message: 8721

double check you 6 AND 12 db att buttons, make sure they did not get puched by mistake. I have notices full scale deflection on fm , even when usb is at s2.....

----- Original Message -----
From: rupert walford
To: TS-850_450_690@yahoogroups.com
Sent: Thursday, December 24, 2009 10:28 PM
Subject: Re: [TS-850_450_690] s meter

Dave was just about to lift the top cover off when i decided to check all modes and now see that on fm the s meter works and only on fm does it work. does that still point to the board you mentioned.
seasons greetings to all.

----- Original Message -----
From: Dave ve3wej
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, December 22, 2009 5:48 PM
Subject: Re: [TS-850_450_690] s meter

with a receive signal, check for the input and output voltages mentioned in the service manual

I never had to get farthur than looking at the schematic, when my sound card device wa the cause...

you still did not answer the following

do the leds still work on transmit??? then check the sm amp board (x59-3830-00)

----- Original Message -----
From: rupert walford
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, December 22, 2009 5:14 PM
Subject: Re: [TS-850_450_690] s meter

i do not run a soound card any other ideas

----- Original Message -----
From: Dave ve3wej
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, December 22, 2009 4:27 PM
Subject: Re: [TS-850_450_690] s meter

mine quit a few weeks ago also. fixed mine the easy way. I unplugged my sound card device (wires had started shortingon the 13 pin accessory plug, and killed the s meter. unplugged the sc device, and s meter came back. maybe that is the case with you

Dave Garber
VE3WEJ
----- Original Message -----
From: rupert walford
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, December 22, 2009 10:19 AM
Subject: [TS-850_450_690] s meter

The S meter on my 850 does not function anymore,it receives ok ,attenuators are off and even with the rf gain turned all the back still no reading,the alc indicator has been going full scale for quite awhile now so i don't no if that has contributed to this problem.Any help appreciated.
Rupert
6y5rw

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8722. Re: [TS-850_450_690] s meter

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-12-25 13:36:04 UTC
From: rupert walford
Topic: 8701 Message: 8722

attenuator buttons are both in the out position and they do work when engaged

----- Original Message -----
From: Dave ve3wej
To: TS-850_450_690@yahoogroups.com
Sent: Thursday, December 24, 2009 11:31 PM
Subject: Re: [TS-850_450_690] s meter

double check you 6 AND 12 db att buttons, make sure they did not get puched by mistake. I have notices full scale deflection on fm , even when usb is at s2.....

----- Original Message -----
From: rupert walford
To: TS-850_450_690@yahoogroups.com
Sent: Thursday, December 24, 2009 10:28 PM
Subject: Re: [TS-850_450_690] s meter

Dave was just about to lift the top cover off when i decided to check all modes and now see that on fm the s meter works and only on fm does it work. does that still point to the board you mentioned.
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----- Original Message -----
From: Dave ve3wej
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, December 22, 2009 5:48 PM
Subject: Re: [TS-850_450_690] s meter

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From: rupert walford
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, December 22, 2009 5:14 PM
Subject: Re: [TS-850_450_690] s meter

i do not run a soound card any other ideas

----- Original Message -----
From: Dave ve3wej

To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, December 22, 2009 4:27 PM
Subject: Re: [TS-850_450_690] s meter

mine quit a few weeks ago also. fixed mine the easy way. I unplugged my sound card device (wires had started shortingon the 13 pin accessory plug, and killed the s meter. unplugged the sc device, and s meter came back. maybe that is the case with you

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VE3WEJ
----- Original Message -----
From: rupert walford
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, December 22, 2009 10:19 AM
Subject: [TS-850_450_690] s meter

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8723. Re: [TS-850_450_690] s meter

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-12-25 15:05:03 UTC
From: Dave ve3wej
Topic: 8701 Message: 8723

the only other control external. agc knob ...

if mine is set to off, no s meter movement, except in fm will be full scale

other than the sorry, I am at my limit of what it could be, other than that board, but I dont want to steer you wrong, hopefully the others have more info

----- Original Message -----
From: rupert walford
To: TS-850_450_690@yahoogroups.com
Sent: Friday, December 25, 2009 8:36 AM
Subject: Re: [TS-850_450_690] s meter

attenuator buttons are both in the out position and they do work when engaged

----- Original Message -----
From: Dave ve3wej
To: TS-850_450_690@yahoogroups.com
Sent: Thursday, December 24, 2009 11:31 PM
Subject: Re: [TS-850_450_690] s meter

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To: TS-850_450_690@yahoogroups.com
Sent: Thursday, December 24, 2009 10:28 PM
Subject: Re: [TS-850_450_690] s meter

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----- Original Message -----
From: Dave ve3wej
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, December 22, 2009 5:48 PM
Subject: Re: [TS-850_450_690] s meter

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----- Original Message -----
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Dave Garber
VE3WEJ
----- Original Message -----
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To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, December 22, 2009 10:19 AM
Subject: [TS-850_450_690] s meter

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Rupert
6y5rw

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8724. Modulation Input Confirmation??????

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-12-25 16:20:35 UTC
From: Crownhaven
Topic: 8724 Message: 8724

When using the ACC input on the TS-450S/850S, the manual says the ALC can be controlled by the mic input level. I'm not finding this to be the case. What is your experience? I'm NOT using the mic connector on the radio.

Also, has anyone, running into the problem of data levels being too high on the ACC input, adjusted VR13 on the TS-450S or VR-18 on the TS-850S per the manual instructions when the ALC levels are too hot to be controlled with the mic input???????????

Steve, N4JQQ

PS, Merry Christmas or Happy Holidays, whatever your preference!

8725. Re: TS-850 No TX in Any Mode

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-12-25 16:16:19 UTC
From: cohenro10
Topic: 8695 Message: 8725

Remember, this Kenwood range has the "pre-amp" permanently engaged unless the "AIP" is on, thus the lower dBm for S9.

Regards and Christmas Greetings

Rob ZS5LA

--- In TS-850_450_690@yahoogroups.com, "Steve" <va3fm@...> wrote:
>
> It's about time they adapt to the dBm standard as the rest of the World has
> for how long now? ;)
>
> Thanks,
> Steve Restinetti
> VA3FM / VE3SFV
> va3fm@...
> ve3sfv@...
> Grid: FN25OA
>
> From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
> On Behalf Of avvidclif
> Sent: Thursday, December 24, 2009 3:55 PM
> To: TS-850_450_690@yahoogroups.com
> Subject: [TS-850_450_690] Re: TS-850 No TX in Any Mode
>
>
> Read the chart on page 96 of the service manual. It shows the difference.
> 30Db = 15.8uV ergo 32 Db = 20uV and they clearly show 0dB as .5uV. Their
> reference is not the same as ours
>
> On the newer radios they dropped the Japanese DbuV and went with dBm. And
> the S-9 setting is -81dBm which calculates (and is stated in the TS50
> manual) to 20uV.
>
> FWIW S-1 = -107 dBm = 1uV.
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com> , "Jordan" <Outposter30@>
> wrote:
> >
> > Sorry to dispute your claim, but the manual clearly states that for S-9,
> the signal generator is to be set at a level of 32dBuV, and not 32dB over
> .5uV....
> > The "Preference" chart shows equivalent levels based on a Japanese

> standard of 0dB = .5uV....it does not say 0dBu = .5uV as that would not be
> true...
> > 73...Jordan VE6ZT
> >
> > ----- Original Message -----
> > From: Steve
> > To: TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>
> > Sent: Thursday, December 24, 2009 11:23 AM
> > Subject: RE: [TS-850_450_690] Re: TS-850 No TX in Any Mode
> >
> >
> >
> > +32dBu = 20uV according to the Japanese standard in which 0.5uV reference
> is
> > used and not 1uV. This is clearly seen (thanks Cliff for once pointing
> this
> > out to me)
> > On page 96 in the TS-850 SVC MAN
> >
> > Thanks,
> > Steve Restinetti
> > VA3FM / VE3SFV
> > va3fm@
> > ve3sfv@
> > Grid: FN25OA
> >
> > From: TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>
> [mailto:TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>]
> > On Behalf Of Jordan
> > Sent: Thursday, December 24, 2009 11:57 AM
> > To: TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>
> > Subject: Re: [TS-850_450_690] Re: TS-850 No TX in Any Mode
> >
> >
> >
> > The manual says +32dBu should read S-9....That works out to ~40uV on my
> > calculator..... 73...Jordan VE6ZT
> >
> > ----- Original Message -----
> > From: n0sya
> > To: TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>
> <mailto:TS-850_450_690%40yahoogroups.com>
> >
> > Sent: Thursday, December 24, 2009 9:27 AM
> > Subject: [TS-850_450_690] Re: TS-850 No TX in Any Mode
> >

> > "The s-meter should show S-9 at 20uV."
> >
> > When did s9 start meaning 20uV? It has always been 50uV.
> >
> > n0sya
> >
> > [Non-text portions of this message have been removed]
> >
> > [Non-text portions of this message have been removed]
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> [Non-text portions of this message have been removed]
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8726. Re: [TS-850_450_690] Modulation Input Confirmation??????

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-12-26 04:10:57 UTC
From: Dave ve3wej
Topic: 8724 Message: 8726

you can also control your alc by reduced audio output of the sound card as well...

I use the 13 pin jack on the ts850 and yes the mike gain DOES control the audio in level......

----- Original Message -----
From: Crownhaven
To: TS-850
Sent: Friday, December 25, 2009 11:20 AM
Subject: [TS-850_450_690] Modulation Input Confirmation??????

When using the ACC input on the TS-450S/850S, the manual says the ALC can be controlled by the mic input level. I'm not finding this to be the case. What is your experience? I'm NOT using the mic connector on the radio.

Also, has anyone, running into the problem of data levels being too high on the ACC input, adjusted VR13 on the TS-450S or VR-18 on the TS-850S per the manual instructions when the ALC levels are too hot to be controlled with the mic input???????????

Steve, N4JQQ

PS, Merry Christmas or Happy Holidays, whatever your preference!

[Non-text portions of this message have been removed]

8727. Re: [TS-850_450_690] Modulation Input Confirmation??????

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-12-26 05:33:46 UTC
From: Crownhaven
Topic: 8724 Message: 8727

Hi Dave.....not using the sound card. Running Pactor III with an SCS modem. I have the software in Air Mail cranked as low as it will go and the mic volume turned all the way down. I think I'm going to have to tinker with VR13.

Steve, N4JQQ

Dave ve3wej wrote:
>
> you can also control your alc by reduced audio output of the sound
> card as well...
>
> I use the 13 pin jack on the ts850 and yes the mike gain DOES control
> the audio in level......
>
> ----- Original Message -----
> From: Crownhaven
> To: TS-850
> Sent: Friday, December 25, 2009 11:20 AM
> Subject: [TS-850_450_690] Modulation Input Confirmation??????
>
> When using the ACC input on the TS-450S/850S, the manual says the ALC
> can be controlled by the mic input level. I'm not finding this to be
> the case. What is your experience? I'm NOT using the mic connector on
> the radio.
>
> Also, has anyone, running into the problem of data levels being too high
> on the ACC input, adjusted VR13 on the TS-450S or VR-18 on the TS-850S
> per the manual instructions when the ALC levels are too hot to be
> controlled with the mic input???????????
>
> Steve, N4JQQ
>
> PS, Merry Christmas or Happy Holidays, whatever your preference!
>
> [Non-text portions of this message have been removed]
>
>

8728. Re: [TS-850_450_690] Modulation Input Confirmation??????

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-12-26 14:32:10 UTC
From: Dave ve3wej
Topic: 8724 Message: 8728

does the scs have internal controls, like tthe SC devices have. I dont know
the unit

----- Original Message -----
From: "Crownhaven" <crownhaven@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Saturday, December 26, 2009 12:33 AM
Subject: Re: [TS-850_450_690] Modulation Input Confirmation??????

> Hi Dave......not using the sound card. Running Pactor III with an SCS
> modem. I have the software in Air Mail cranked as low as it will go and
> the mic volume turned all the way down. I think I'm going to have to
> tinker with VR13.
>
> Steve, N4JQQ
>
> Dave ve3wej wrote:
>>
>> you can also control your alc by reduced audio output of the sound
>> card as well...
>>
>> I use the 13 pin jack on the ts850 and yes the mike gain DOES control
>> the audio in level......
>>
>> ----- Original Message -----
>> From: Crownhaven
>> To: TS-850
>> Sent: Friday, December 25, 2009 11:20 AM
>> Subject: [TS-850_450_690] Modulation Input Confirmation??????
>>
>> When using the ACC input on the TS-450S/850S, the manual says the ALC
>> can be controlled by the mic input level. I'm not finding this to be
>> the case. What is your experience? I'm NOT using the mic connector on
>> the radio.
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>> Also, has anyone, running into the problem of data levels being too high
>> on the ACC input, adjusted VR13 on the TS-450S or VR-18 on the TS-850S
>> per the manual instructions when the ALC levels are too hot to be
>> controlled with the mic input???????????
>>
>> Steve, N4JQQ
>>
>> PS, Merry Christmas or Happy Holidays, whatever your preference!
>>
>> [Non-text portions of this message have been removed]

>>
>>
>
>
> ----------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>

8729. Re: [TS-850_450_690] Modulation Input Confirmation??????

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-12-26 14:38:24 UTC
From: Crownhaven
Topic: 8724 Message: 8729

It is controlled by the Air Mail software........

Dave ve3wej wrote:
> does the scs have internal controls, like tthe SC devices have. I dont know
> the unit
>
> ----- Original Message -----
> From: "Crownhaven" <crownhaven@...>
> To: <TS-850_450_690@yahoogroups.com>
> Sent: Saturday, December 26, 2009 12:33 AM
> Subject: Re: [TS-850_450_690] Modulation Input Confirmation??????
>
>
>
>> Hi Dave......not using the sound card. Running Pactor III with an SCS
>> modem. I have the software in Air Mail cranked as low as it will go and
>> the mic volume turned all the way down. I think I'm going to have to
>> tinker with VR13.
>>
>> Steve, N4JQQ
>>
>> Dave ve3wej wrote:
>>
>>> you can also control your alc by reduced audio output of the sound
>>> card as well...
>>>
>>> I use the 13 pin jack on the ts850 and yes the mike gain DOES control
>>> the audio in level......
>>>
>>> ----- Original Message -----
>>> From: Crownhaven
>>> To: TS-850
>>> Sent: Friday, December 25, 2009 11:20 AM
>>> Subject: [TS-850_450_690] Modulation Input Confirmation??????
>>>
>>> When using the ACC input on the TS-450S/850S, the manual says the ALC
>>> can be controlled by the mic input level. I'm not finding this to be
>>> the case. What is your experience? I'm NOT using the mic connector on
>>> the radio.
>>>
>>> Also, has anyone, running into the problem of data levels being too high
>>> on the ACC input, adjusted VR13 on the TS-450S or VR-18 on the TS-850S
>>> per the manual instructions when the ALC levels are too hot to be
>>> controlled with the mic input???????????
>>>

>>> Steve, N4JQQ
>>>
>>> PS, Merry Christmas or Happy Holidays, whatever your preference!
>>>
>>> [Non-text portions of this message have been removed]
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>> THANKS FOR USING TS-850_450_690@...! Groups Links
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> THANKS FOR USING TS-850_450_690@...! Groups Links
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8730. Re: [TS-850_450_690] Modulation Input Confirmation??????

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-12-26 15:21:07 UTC
From: Dave ve3wej
Topic: 8724 Message: 8730

my sound card software also has control, but there is a gain contorl in many models of devices... it was just a thought

----- Original Message -----
From: "Crownhaven" <crownhaven@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Saturday, December 26, 2009 9:38 AM
Subject: Re: [TS-850_450_690] Modulation Input Confirmation??????

> It is controlled by the Air Mail software........
>
> Dave ve3wej wrote:
>> does the scs have internal controls, like tthe SC devices have. I dont
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>> Sent: Saturday, December 26, 2009 12:33 AM
>> Subject: Re: [TS-850_450_690] Modulation Input Confirmation??????
>>
>>
>>
>>> Hi Dave......not using the sound card. Running Pactor III with an SCS
>>> modem. I have the software in Air Mail cranked as low as it will go and
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>>> tinker with VR13.
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>>> Steve, N4JQQ
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>>> Dave ve3wej wrote:
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>>>> you can also control your alc by reduced audio output of the sound
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>>>> the audio in level......
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>>>> From: Crownhaven
>>>> To: TS-850
>>>> Sent: Friday, December 25, 2009 11:20 AM
>>>> Subject: [TS-850_450_690] Modulation Input Confirmation??????
>>>>

>>>> When using the ACC input on the TS-450S/850S, the manual says the ALC
>>>> can be controlled by the mic input level. I'm not finding this to be
>>>> the case. What is your experience? I'm NOT using the mic connector on
>>>> the radio.
>>>>
>>>> Also, has anyone, running into the problem of data levels being too
>>>> high
>>>> on the ACC input, adjusted VR13 on the TS-450S or VR-18 on the TS-850S
>>>> per the manual instructions when the ALC levels are too hot to be
>>>> controlled with the mic input???????????
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>>>> Steve, N4JQQ
>>>>
>>>> PS, Merry Christmas or Happy Holidays, whatever your preference!
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>>>> [Non-text portions of this message have been removed]
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>>> ------------------------------------
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>>> THANKS FOR USING TS-850_450_690@...! Groups Links
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> THANKS FOR USING TS-850_450_690@...! Groups Links
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8731. A Little Old

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-12-28 14:27:37 UTC
From: Richard Schmuke
Topic: 8731 Message: 8731

This is a little off topic but not quite. I have a TS-450 and use a signalink USB on PSK-31. A friend just emailed me with an offer of a TS-430 for favors done. It would be a good field day rig for PSK31.

I was wondering does anyone know if my computer interface cables/HRD control/ will work from my 450. I have not seen the 430 yet so I thought I would ask.

Rich ,KDØZZ

The likelyhood of damage to a component is inversely proportional to the number you have available, and directly proportional to its cost.

[Non-text portions of this message have been removed]

8732. RE: [TS-850_450_690] A Little Old

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-12-28 15:59:04 UTC
From: Andy Hearn
Topic: 8731 Message: 8732

Richard

If I remember rightly the TS-430 does not have a CAT i/face, the only way of controlling basic frequency changes is via the up/down lines on the mic/accessory sockets. This rig was designed before the days of general use of computers for this application.

Nice rig though, had one in 1992, watch out for the relays, they tend to fail at this age..should just about be ok for psk31, if using for Amtor etc, you need to change various caps in the LT switching and AGC circuits, all of which are on the web.

73

Andy G3UEQ

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com] On Behalf Of Richard Schmuke
Sent: 28 December 2009 14:28
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] A Little Old

This is a little off topic but not quite. I have a TS-450 and use a signalink USB on PSK-31. A friend just emailed me with an offer of a TS-430 for favors done. It would be a good field day rig for PSK31.

I was wondering does anyone know if my computer interface cables/HRD control/ will work from my 450. I have not seen the 430 yet so I thought I would ask.

Rich ,KDØZZ

The likelyhood of damage to a component is inversely proportional to the number you have available, and directly proportional to its cost.

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

8733. Thanks to the group

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-12-29 01:16:41 UTC
From: Tom Jones N8NMA
Topic: 8733 Message: 8733

Just wanted to say thanks to the group. I recently had a problem with my TS-850SAT and was able to search the post for the answer to the problem. It was the DC/DC board problem and I was able to buy a new one and have already replaced it. Turnaround time about 5 days. Not bad at all. Thanks to the group and all in it.

Tom N8NMA

8734. Re: TS-850 No TX in Any Mode

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-12-29 20:45:50 UTC
From: ah6rr1
Topic: 8695 Message: 8734

I checked the drive level and it is 4.5V P-P up into the drivers and I only get 1.5V P-P out of the drivers Q2&Q3 that is what I see at the Finals also. I am making a cable to try the Signal Gen but I do think its the drivers and maybe the finals also. Will update on the sig gen test when compleated.
Thanks Clif you advice is always the best.
Roland AH6RR

--- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@...> wrote:
>
> That's not good. The finals don't like over about 16-17v.
>
> You need to measure the drive level coming form the RF unit to the final. Terminate into a 50 ohm load and measure it with a scope. 4-5v min P-P. You can check the final by using the sig gen in place of the RF unit. Key the radio and input 0DBm into the final, you should see about 35-40w out on 20M.
>
> The other problem is the RX. The s-meter should show S-9 at 20uV. 1uV is S-1.
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "ah6rr1" <Toesonnose@> wrote:
> >
> > I followed the TXB all the way to the Final board and had the correct voltage there. I then checked the voltages on the Final Board Transisitors and here is the voltages
> > Q1 RX Base 0 TX 1.58 Emitter RX 0 TX .84 Collector 13.8 RX & TX
> > Q2 Base RX 0 TX .67 Emitter 0 RX & TX Collector 13.8 RX & TX
> > Q3 Base RX 0 TX .67 Emitter 0 RX & TX collector 13.8 RX/TX
> > Q4 Base RX 0 TX .64 Emitter 0 RX/TX collector 13.8 RX/TX
> > Q5 same as Q4
> > Q6 & 7 Base RX 0 TX 1.3 Emitter o RX/tx Collector 13.8 RX/TX
> > I talked to the owner today and he told me the power supply blew a filter cap and the rectifer with the radio turned on. I did check the DRV Line and got the correct Frequency when in transmit and that was also the same out of the final board to. I did notice the RX is a little low I injected a 50uV signal and only got a S5 reading and it should be a S9. So my Question is where do I go from here I would really like to get this radio going for him as he is off the air until this is fixed.
> > Thanks
> > Roland AH6RR
> >
> > --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> > >
> > > Ok, define "No Tx in Any Mode"? To me that means no tx. If the TXB and RXB are fine and switching is fine it's going into tx.
> > >
> > > Clif

> > >
> > > --- In TS-850_450_690@yahoogroups.com, "Roland AH6RR" <Toesonnose@> wrote:
> > > >
> > > > Thanks Clif but the TXB line is OK. I will pull the TRX module and check it out kind of hard to see when it is on the main board even with a magnifier lamp. I did test the TXB and RXB and both were fine, Voltage on RXB in Receive and on TXB in transmit.
> > > > Roland AH6RR
> > > >
> > > >
> > > > [Non-text portions of this message have been removed]
> > > >
> > >
> >
>

8735. Re: TS-850 No TX in Any Mode

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-12-30 14:51:09 UTC
From: avvidclif
Topic: 8695 Message: 8735

Well the drivers aren't doing anything. You have the 1.5 at the base of the finals, what is on the collector. If not more then they are bad also.

Clif

--- In TS-850_450_690@yahoogroups.com, "ah6rr1" <Toesonnose@...> wrote:
>
> I checked the drive level and it is 4.5V P-P up into the drivers and I only get 1.5V P-P out of the drivers Q2&Q3 that is what I see at the Finals also. I am making a cable to try the Signal Gen but I do think its the drivers and maybe the finals also. Will update on the sig gen test when compleated.
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> > Clif
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> > > Roland AH6RR

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> > > > Clif
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> > > > > Roland AH6RR
> > > > >
> > > > >
> > > > > [Non-text portions of this message have been removed]
> > > > >
> > > >
> > >
> >
>

8736. Re: TS-850 No TX in Any Mode

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-12-30 19:17:52 UTC
From: Roland AH6RR
Topic: 8695 Message: 8736

Well Clif I made a mistake I only getting .150V on the Base and 1.5 on the collector of the finals so maybe the finals are still OK because thats a 10X gain, both the drivers are showing a short between the base an collectors I have ordered some drivers but the good thing is I have 4 finals that I removed from a chicken band amplifier that are good so that will save him some money. Thanks again for you knowledge and help your the best.
73
Roland AH6RR

[Non-text portions of this message have been removed]

8737. Re: [TS-850_450_690] Re: TS-850 No TX in Any Mode

Yahoo group: TS-850_450_690 (2006 — 2009)
Date: 2009-12-30 19:37:10 UTC
From: Paul Spiteri
Topic: 8695 Message: 8737

Hi Roland,
K3UK is looking for you for the last qso for TPA , I think he needs you on RTTY. Please send him e-mail for sked or you can find him on K3UK sked page.
Thanks in advance and looking forward to work you on 80 mtrsfor a new1.
73ss and Happy New Year 2010
9H1SP
Paul

----- Original Message -----
From: Roland AH6RR
To: TS-850_450_690@yahoogroups.com
Sent: Wednesday, December 30, 2009 8:17 PM
Subject: [TS-850_450_690] Re: TS-850 No TX in Any Mode

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73
Roland AH6RR

[Non-text portions of this message have been removed]

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I am using the free version of SPAMfighter.
We are a community of 6 million users fighting spam.
SPAMfighter has removed 765 of my spam emails to date.
Get the free SPAMfighter here: http://www.spamfighter.com/len

The Professional version does not have this message

[Non-text portions of this message have been removed]